APPENDIX E

SUMMARY OF VALIDATED ANALYTICAL DATA

SURFACE SOIL

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0001			NH0003			NH0005			NH0007		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method / *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	14200			9080			16100			11900		
Antimony	mg/kg	12.5	U	UJ	11.8	U	UJ	11.9	U	UJ	12	U	UJ
Arsenic	mg/kg	22.5		J	10.8		J	23.2		J	8.58		J
Barium	mg/kg	19.8			22.8			29.4			36.3		
Beryllium	mg/kg	.572	J	J	1.18	U	U	1.19	U	U	1.2	U	U
Cadmium	mg/kg	1.25	U	U	1.18	U	U	1.19	U	U	1.2	U	U
Calcium	mg/kg	117	J	J	145		J	73.8	J	B	130		J
Chromium	mg/kg	18.1		J	9.27		J	20.1		J	11.9		J
Cobalt	mg/kg	4.07			2.35	U	U	2.62		B	4.91		
Copper	mg/kg	19.2			8.62			11.8			8.05		
Iron	mg/kg	20000		J	9310		J	24700		J	11700		J
Lead	mg/kg	7.44		J	7.43		J	9.25		J	10.5		J
Magnesium	mg/kg	1040		J	692		J	688		J	598		J
Manganese	mg/kg	56.4		J	47.2		J	42.8		J	334		J
Nickel	mg/kg	11.6			3.4		B	4.91			5.09		B
Potassium	mg/kg	1180		J	733		J	518	J	J	421	J	J
Selenium	mg/kg	.896	J	B	1.18	U	U	.669	J	J	.674	J	J
Silver	mg/kg	1.83	J	B	2.35	U	UJ	1.93	J	J	1.44	J	J
Sodium	mg/kg	42.5	J	J	35.7	J	J	33.8	J	J	36.4	J	J
Thallium	mg/kg	2.49	U	U	2.35	U	U	2.39	U	U	2.4	U	U
Vanadium	mg/kg	33.3		J	17.8		J	38.4		J	23.5		J
Zinc	mg/kg	66.8		J	25.9		J	33.9		J	25.3		J
SW7471A													
Mercury	mg/kg	.125	U	U	.118	U	U	.119	U	U	.12	U	U
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP05			RNG-109-GP06			RNG-109-GP07			RNG-109-MW01		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0010			NH0012			NH0014			NH0016		
	Sample Date:	27-NOV-01			26-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	5960			10400			7800			10900		
Antimony	mg/kg	11	U	UJ	11.3	U	U	11.7	U	UJ	11.7	U	UJ
Arsenic	mg/kg	8.18		J	5.07			12.5		J	9.06		J
Barium	mg/kg	18.3			32.7			36			22.2		
Beryllium	mg/kg	1.1	U	U	1.13	U	U	1.17	U	U	1.17	U	U
Cadmium	mg/kg	1.1	U	U	1.13	U	U	1.17	U	U	1.17	U	U
Calcium	mg/kg	69.6	J	B	157			246		J	153		J
Chromium	mg/kg	7.49		J	10.7			7.83		J	22.2		J
Cobalt	mg/kg	3.26		B	5.77			7.75			3.53		B
Copper	mg/kg	9.94			8.06			9.01			8.46		
Iron	mg/kg	9150		J	8890			11600		J	18600		J
Lead	mg/kg	7.2		J	7.86			9.05		J	7.3		J
Magnesium	mg/kg	311		J	490			460		J	489		J
Manganese	mg/kg	145		J	302			444		J	97.8		J
Nickel	mg/kg	2.72		B	7.86			4.98		B	3.22		B
Potassium	mg/kg	341	J	J	294	J	J	374	J	J	280	J	J
Selenium	mg/kg	.676	J	J	.809	J	B	.704	J	J	1.17	U	U
Silver	mg/kg	2.21	U	UJ	2.26	U	U	1.65	J	J	1.29	J	J
Sodium	mg/kg	34.6	J	J	36.5	J	J	38	J	J	37.6	J	J
Thallium	mg/kg	2.21	U	U	2.26	U	U	2.34	U	U	2.35	U	U
Vanadium	mg/kg	13.7		J	18.8			16.7		J	36.1		J
Zinc	mg/kg	11.5		J	18.2		J	33.4		J	23.5		J
SW7471A													
Mercury	mg/kg	.11	U	U	.113	U	U	.039	J	J	.117	U	U
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-MW02			RNG-109-MW03			RNG-109-MW04		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH0018			NH0021			NH0023		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS										
SW6010B										
Aluminum	mg/kg	16200			11200			12300		
Antimony	mg/kg	12.3	U	UJ	11.8	U	UJ	11.6	U	U
Arsenic	mg/kg	17		J	6.49		J	13.8		
Barium	mg/kg	41.5			43.3			27		
Beryllium	mg/kg	.464	J	J	.398	J	J	1.16	U	U
Cadmium	mg/kg	1.23	U	U	1.18	U	U	1.16	U	U
Calcium	mg/kg	159		J	224		J	156		
Chromium	mg/kg	15.6		J	9.46		J	15.7		
Cobalt	mg/kg	9.64			6.88			3.47		
Copper	mg/kg	12.7			7.58			8.91		
Iron	mg/kg	16300		J	8100		J	18000		
Lead	mg/kg	15.5		J	11.9		J	8.86		
Magnesium	mg/kg	725		J	499		J	662		
Manganese	mg/kg	620		J	470		J	154		
Nickel	mg/kg	6.87		B	6.46		B	6.23		
Potassium	mg/kg	614	J	J	303	J	J	433	J	J
Selenium	mg/kg	1.23	U	U	1.18	U	U	.811	J	B
Silver	mg/kg	2.46	U	UJ	1.42	J	J	1.54	J	J
Sodium	mg/kg	45.7	J	J	39.1	J	J	38.8	J	J
Thallium	mg/kg	2.46	U	U	2.36	U	U	2.32	U	U
Vanadium	mg/kg	35.2		J	17.4		J	34.5		
Zinc	mg/kg	40.5		J	25.7		J	25.6		J
SW7471A										
Mercury	mg/kg	.123	U	U	.118	U	U	.039	J	B
NITROAROMATICS										
SW8330										
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0001			NH0003			NH0005			NH0007		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
1,2-Dichlorobenzene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
1,3-Dichlorobenzene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
1,4-Dichlorobenzene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2,4,5-Trichlorophenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2,4,6-Trichlorophenol	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
2,4-Dichlorophenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2,4-Dimethylphenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2,4-Dinitrophenol	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
2,4-Dinitrotoluene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2,6-Dinitrotoluene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2-Chloronaphthalene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2-Chlorophenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2-Methylnaphthalene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
2-Methylphenol	mg/kg	.41	U	UJ	.39	U	UJ	.39	U	UJ	.4	U	UJ
2-Nitroaniline	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
2-Nitrophenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
3,3-Dichlorobenzidine	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP05			RNG-109-GP06			RNG-109-GP07			RNG-109-MW01		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0010			NH0012			NH0014			NH0016		
	Sample Date:	27-NOV-01			26-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
1,2-Dichlorobenzene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
1,3-Dichlorobenzene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
1,4-Dichlorobenzene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2,4,5-Trichlorophenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2,4,6-Trichlorophenol	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
2,4-Dichlorophenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2,4-Dimethylphenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2,4-Dinitrophenol	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
2,4-Dinitrotoluene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2,6-Dinitrotoluene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2-Chloronaphthalene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2-Chlorophenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2-Methylnaphthalene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
2-Methylphenol	mg/kg	.36	U	UJ	.37	U	U	.39	U	UJ	.39	U	UJ
2-Nitroaniline	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
2-Nitrophenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
3,3-Dichlorobenzidine	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-MW02			RNG-109-MW03			RNG-109-MW04		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH0018			NH0021			NH0023		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS										
SW8330										
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES										
SW8270C										
1,2,4-Trichlorobenzene	mg/kg	.41	U	U	.39	U	U	.38	U	U
1,2-Dichlorobenzene	mg/kg	.41	U	U	.39	U	U	.38	U	U
1,3-Dichlorobenzene	mg/kg	.41	U	U	.39	U	U	.38	U	U
1,4-Dichlorobenzene	mg/kg	.41	U	U	.39	U	U	.38	U	U
2,4,5-Trichlorophenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
2,4,6-Trichlorophenol	mg/kg	.77	U	U	.74	U	U	.73	U	U
2,4-Dichlorophenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
2,4-Dimethylphenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
2,4-Dinitrophenol	mg/kg	.77	U	U	.74	U	U	.73	U	U
2,4-Dinitrotoluene	mg/kg	.41	U	U	.39	U	U	.38	U	U
2,6-Dinitrotoluene	mg/kg	.41	U	U	.39	U	U	.38	U	U
2-Chloronaphthalene	mg/kg	.41	U	U	.39	U	U	.38	U	U
2-Chlorophenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
2-Methylnaphthalene	mg/kg	.41	U	U	.39	U	U	.38	U	U
2-Methylphenol	mg/kg	.41	U	UJ	.39	U	UJ	.38	U	U
2-Nitroaniline	mg/kg	.77	U	U	.74	U	UJ	.73	U	U
2-Nitrophenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
3,3-Dichlorobenzidine	mg/kg	.77	U	U	.74	U	U	.73	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0001			NH0003			NH0005			NH0007		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
4-Bromophenyl phenyl ether	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
4-Chloro-3-methylphenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
4-Chloroaniline	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
4-Chlorophenyl phenyl ether	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
4-Methylphenol	mg/kg	.41	U	UJ	.39	U	UJ	.39	U	UJ	.4	U	UJ
4-Nitroaniline	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
4-Nitrophenol	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
Acenaphthene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Acenaphthylene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Anthracene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Benzo(a)anthracene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Benzo(a)pyrene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Benzo(b)fluoranthene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Benzo(ghi)perylene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Benzo(k)fluoranthene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Butyl benzyl phthalate	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Carbazole	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Chrysene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Di-n-butyl phthalate	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Di-n-octyl phthalate	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Dibenz(a,h)anthracene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Dibenzofuran	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Diethyl phthalate	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Dimethyl phthalate	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Fluoranthene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Fluorene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Hexachlorobenzene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Hexachlorobutadiene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Hexachlorocyclopentadiene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP05			RNG-109-GP06			RNG-109-GP07			RNG-109-MW01		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0010			NH0012			NH0014			NH0016		
	Sample Date:	27-NOV-01			26-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
4-Bromophenyl phenyl ether	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
4-Chloro-3-methylphenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
4-Chloroaniline	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
4-Chlorophenyl phenyl ether	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
4-Methylphenol	mg/kg	.36	U	UJ	.37	U	U	.39	U	UJ	.39	U	UJ
4-Nitroaniline	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
4-Nitrophenol	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
Acenaphthene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Acenaphthylene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Anthracene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Benzo(a)anthracene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Benzo(a)pyrene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Benzo(b)fluoranthene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Benzo(ghi)perylene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Benzo(k)fluoranthene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Butyl benzyl phthalate	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Carbazole	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Chrysene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Di-n-butyl phthalate	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Di-n-octyl phthalate	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Dibenz(a,h)anthracene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Dibenzofuran	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Diethyl phthalate	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Dimethyl phthalate	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Fluoranthene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Fluorene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Hexachlorobenzene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Hexachlorobutadiene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Hexachlorocyclopentadiene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-MW02			RNG-109-MW03			RNG-109-MW04		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH0018			NH0021			NH0023		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES										
SW8270C										
3-Nitroaniline	mg/kg	.77	U	U	.74	U	U	.73	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.77	U	U	.74	U	U	.73	U	U
4-Bromophenyl phenyl ether	mg/kg	.41	U	U	.39	U	U	.38	U	U
4-Chloro-3-methylphenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
4-Chloroaniline	mg/kg	.41	U	U	.39	U	U	.38	U	U
4-Chlorophenyl phenyl ether	mg/kg	.41	U	U	.39	U	U	.38	U	U
4-Methylphenol	mg/kg	.41	U	UJ	.39	U	UJ	.38	U	U
4-Nitroaniline	mg/kg	.41	U	U	.39	U	U	.38	U	U
4-Nitrophenol	mg/kg	.77	U	U	.74	U	U	.73	U	U
Acenaphthene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Acenaphthylene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Anthracene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Benzo(a)anthracene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Benzo(a)pyrene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Benzo(b)fluoranthene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Benzo(ghi)perylene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Benzo(k)fluoranthene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Butyl benzyl phthalate	mg/kg	.41	U	U	.39	U	U	.38	U	U
Carbazole	mg/kg	.41	U	U	.39	U	U	.38	U	U
Chrysene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Di-n-butyl phthalate	mg/kg	.41	U	U	.39	U	U	.38	U	U
Di-n-octyl phthalate	mg/kg	.41	U	U	.39	U	U	.38	U	U
Dibenz(a,h)anthracene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Dibenzofuran	mg/kg	.41	U	U	.39	U	U	.38	U	U
Diethyl phthalate	mg/kg	.41	U	U	.39	U	U	.38	U	U
Dimethyl phthalate	mg/kg	.41	U	U	.39	U	U	.38	U	U
Fluoranthene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Fluorene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Hexachlorobenzene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Hexachlorobutadiene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Hexachlorocyclopentadiene	mg/kg	.41	U	U	.39	U	U	.38	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0001			NH0003			NH0005			NH0007		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachloroethane	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Isophorone	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Naphthalene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Nitrobenzene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Pentachlorophenol	mg/kg	.78	U	U	.74	U	U	.75	U	U	.76	U	U
Phenanthrene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Phenol	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
Pyrene	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
bis(2-Chloroethoxy)methane	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
bis(2-Chloroethyl)ether	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
n-Nitroso-di-n-propylamine	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
n-Nitrosodiphenylamine	mg/kg	.41	U	U	.39	U	U	.39	U	U	.4	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,1,1-Trichloroethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0056	U	UJ	.0046	U	UJ	.005	U	UJ	.0049	U	UJ
1,1,2-Trichloroethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,1-Dichloroethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,1-Dichloroethene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,1-Dichloropropene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2,3-Trichlorobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2,3-Trichloropropane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2,4-Trichlorobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2,4-Trimethylbenzene	mg/kg	.0056	U	U	.0014	J	J	.005	U	U	.0049	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.011	U	U	.0093	U	U	.0099	U	U	.0097	U	U
1,2-Dibromoethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP05			RNG-109-GP06			RNG-109-GP07			RNG-109-MW01		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0010			NH0012			NH0014			NH0016		
	Sample Date:	27-NOV-01			26-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachloroethane	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Isophorone	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Naphthalene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Nitrobenzene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Pentachlorophenol	mg/kg	.69	U	U	.71	U	U	.74	U	U	.74	U	U
Phenanthrene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Phenol	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
Pyrene	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
bis(2-Chloroethoxy)methane	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
bis(2-Chloroethyl)ether	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
n-Nitroso-di-n-propylamine	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
n-Nitrosodiphenylamine	mg/kg	.36	U	U	.37	U	U	.39	U	U	.39	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0051	U	U	.0045	U	UJ	.0048	U	U	.0046	U	U
1,1,1-Trichloroethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0051	U	UJ	.0045	U	U	.0048	U	UJ	.0046	U	UJ
1,1,2-Trichloroethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,1-Dichloroethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,1-Dichloroethene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,1-Dichloropropene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,2,3-Trichlorobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	UJ
1,2,3-Trichloropropane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	UJ
1,2,4-Trichlorobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	UJ
1,2,4-Trimethylbenzene	mg/kg	.0021	J	J	.0045	U	U	.0048	U	U	.0046	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.01	U	U	.0089	U	U	.0096	U	U	.0092	U	UJ
1,2-Dibromoethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U

	Location Code:	RNG-109-MW02			RNG-109-MW03			RNG-109-MW04		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH0018			NH0021			NH0023		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES										
SW8270C										
Hexachloroethane	mg/kg	.41	U	U	.39	U	U	.38	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Isophorone	mg/kg	.41	U	U	.39	U	U	.38	U	U
Naphthalene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Nitrobenzene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Pentachlorophenol	mg/kg	.77	U	U	.74	U	U	.73	U	U
Phenanthrene	mg/kg	.41	U	U	.39	U	U	.38	U	U
Phenol	mg/kg	.41	U	U	.39	U	U	.38	U	U
Pyrene	mg/kg	.41	U	U	.39	U	U	.38	U	U
bis(2-Chloroethoxy)methane	mg/kg	.41	U	U	.39	U	U	.38	U	U
bis(2-Chloroethyl)ether	mg/kg	.41	U	U	.39	U	U	.38	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.41	U	U	.39	U	U	.38	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.41	U	U	.39	U	U	.38	U	U
n-Nitroso-di-n-propylamine	mg/kg	.41	U	U	.39	U	U	.38	U	U
n-Nitrosodiphenylamine	mg/kg	.41	U	U	.39	U	U	.38	U	U
VOLATILES										
SW8260B										
1,1,1,2-Tetrachloroethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,1,1-Trichloroethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0052	U	UJ	.005	U	UJ	.0042	U	U
1,1,2-Trichloroethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,1-Dichloroethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,1-Dichloroethene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,1-Dichloropropene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,2,3-Trichlorobenzene	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	U
1,2,3-Trichloropropane	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	U
1,2,4-Trichlorobenzene	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	U
1,2,4-Trimethylbenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.01	U	UJ	.01	U	U	.0085	U	U
1,2-Dibromoethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0001			NH0003			NH0005			NH0007		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dichlorobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2-Dichloroethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2-Dichloropropane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,2-Dimethylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,3,5-Trimethylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,3-Dichlorobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,3-Dichloropropane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
1,4-Dichlorobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
2-Butanone	mg/kg	.022	U	U	.019	U	U	.02	U	U	.0062	J	J
2-Hexanone	mg/kg	.022	U	U	.019	U	U	.02	U	U	.019	U	U
4-Methyl-2-pentanone	mg/kg	.022	U	U	.019	U	U	.02	U	U	.019	U	U
Acetone	mg/kg	.0073	J	B	.011	J	B	.0087	J	B	.062		B
Benzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Bromobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Bromochloromethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Bromodichloromethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Bromoform	mg/kg	.0056	U	U	.0046	U	UJ	.005	U	U	.0049	U	UJ
Bromomethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Carbon disulfide	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Carbon tetrachloride	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Chlorobenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Chloroethane	mg/kg	.011	U	U	.0093	U	U	.0099	U	U	.0097	U	U
Chloroform	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Chloromethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Cumene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Dibromochloromethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Dibromomethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Dichlorodifluoromethane	mg/kg	.011	U	U	.0093	U	U	.0099	U	U	.0097	U	U
Ethylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Hexachlorobutadiene	mg/kg	.0056	U	UJ	.0046	U	UJ	.005	U	UJ	.0049	U	UJ
Methylene chloride	mg/kg	.011	U	U	.0093	U	U	.0099	U	U	.0097	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP05			RNG-109-GP06			RNG-109-GP07			RNG-109-MW01		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0010			NH0012			NH0014			NH0016		
	Sample Date:	27-NOV-01			26-NOV-01			27-NOV-01			27-NOV-01		
User Test Group / Lab Method	Sample Depth:	0 - 1			0 - 1			0 - 1			0 - 1		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
1,2-Dichlorobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,2-Dichloroethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,2-Dichloropropane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,2-Dimethylbenzene	mg/kg	.0021	J	J	.0045	U	U	.0048	U	U	.0046	U	UJ
1,3,5-Trimethylbenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,3-Dichlorobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,3-Dichloropropane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
1,4-Dichlorobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
2-Butanone	mg/kg	.012	J	J	.018	U	U	.011	J	J	.018	U	U
2-Hexanone	mg/kg	.021	U	U	.018	U	U	.019	U	U	.018	U	U
4-Methyl-2-pentanone	mg/kg	.021	U	U	.018	U	U	.019	U	U	.018	U	U
Acetone	mg/kg	.18			.082		B	.18			.045		B
Benzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Bromobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Bromochloromethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Bromodichloromethane	mg/kg	.0051	U	U	.0045	U	UJ	.0048	U	U	.0046	U	U
Bromoform	mg/kg	.0051	U	U	.0045	U	U	.0048	U	UJ	.0046	U	U
Bromomethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Carbon disulfide	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Carbon tetrachloride	mg/kg	.0051	U	U	.0045	U	UJ	.0048	U	U	.0046	U	UJ
Chlorobenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Chloroethane	mg/kg	.01	U	U	.0089	U	U	.0096	U	U	.0092	U	U
Chloroform	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Chloromethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Cumene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Dibromochloromethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Dibromomethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Dichlorodifluoromethane	mg/kg	.01	U	U	.0089	U	U	.0096	U	U	.0092	U	U
Ethylbenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Hexachlorobutadiene	mg/kg	.0051	U	UJ	.0045	U	U	.0048	U	UJ	.0046	U	U
Methylene chloride	mg/kg	.01	U	U	.0089	U	U	.0096	U	U	.0092	U	U

	Location Code:	RNG-109-MW02			RNG-109-MW03			RNG-109-MW04		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH0018			NH0021			NH0023		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group / Lab Method	Sample Depth:	0 - 1			0 - 1			0 - 1		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES										
SW8260B										
1,2-Dichlorobenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,2-Dichloroethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,2-Dichloropropane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,2-Dimethylbenzene	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	U
1,3,5-Trimethylbenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,3-Dichlorobenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,3-Dichloropropane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
1,4-Dichlorobenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
2-Butanone	mg/kg	.01	J	J	.02	U	U	.017	U	U
2-Hexanone	mg/kg	.021	U	U	.02	U	U	.017	U	U
4-Methyl-2-pentanone	mg/kg	.021	U	U	.02	U	U	.017	U	U
Acetone	mg/kg	.1		J	.062		B	.0072	J	J
Benzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Bromobenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Bromochloromethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Bromodichloromethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Bromoform	mg/kg	.0052	U	U	.005	U	UJ	.0042	U	U
Bromomethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Carbon disulfide	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Carbon tetrachloride	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	UJ
Chlorobenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Chloroethane	mg/kg	.01	U	U	.01	U	U	.0085	U	U
Chloroform	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Chloromethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Cumene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Dibromochloromethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Dibromomethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Dichlorodifluoromethane	mg/kg	.01	U	U	.01	U	U	.0085	U	U
Ethylbenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Hexachlorobutadiene	mg/kg	.0052	U	U	.005	U	UJ	.0042	U	U
Methylene chloride	mg/kg	.01	U	U	.01	U	U	.0085	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0001			NH0003			NH0005			NH0007		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	Sample Depth:	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method													
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
Naphthalene	mg/kg	.011	U	U	.0093	U	U	.0099	U	U	.0097	U	U
Styrene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Tetrachloroethene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Toluene	mg/kg	.0056	U	U	.0017	J	J	.005	U	U	.0049	U	U
Trichloroethene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Trichlorofluoromethane	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
Vinyl chloride	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
cis-1,2-Dichloroethene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
cis-1,3-Dichloropropene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
m,p-Xylenes	mg/kg	.011	U	U	.0013	J	J	.0099	U	U	.0097	U	U
n-Butylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
n-Propylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
o-Chlorotoluene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
p-Chlorotoluene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
p-Cymene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
sec-Butylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
sec-Dichloropropane	mg/kg	.0056	U	UJ	.0046	U	UJ	.005	U	UJ	.0049	U	UJ
tert-Butylbenzene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
trans-1,2-Dichloroethene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U
trans-1,3-Dichloropropene	mg/kg	.0056	U	U	.0046	U	U	.005	U	U	.0049	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP05			RNG-109-GP06			RNG-109-GP07			RNG-109-MW01		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0010			NH0012			NH0014			NH0016		
	Sample Date:	27-NOV-01			26-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
Naphthalene	mg/kg	.01	U	U	.0089	U	UJ	.0096	U	U	.0092	U	U
Styrene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	UJ
Tetrachloroethene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Toluene	mg/kg	.0023	J	J	.0045	U	U	.0048	U	U	.0046	U	U
Trichloroethene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Trichlorofluoromethane	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
Vinyl chloride	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
cis-1,2-Dichloroethene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
cis-1,3-Dichloropropene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
m,p-Xylenes	mg/kg	.004	J	J	.0089	U	U	.0096	U	U	.0092	U	UJ
n-Butylbenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	UJ
n-Propylbenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
o-Chlorotoluene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
p-Chlorotoluene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
p-Cymene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
sec-Butylbenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
sec-Dichloropropane	mg/kg	.0051	U	UJ	.0045	U	U	.0048	U	UJ	.0046	U	UJ
tert-Butylbenzene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
trans-1,2-Dichloroethene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U
trans-1,3-Dichloropropene	mg/kg	.0051	U	U	.0045	U	U	.0048	U	U	.0046	U	U

Summary of Validated Surface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-MW02			RNG-109-MW03			RNG-109-MW04		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH0018			NH0021			NH0023		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	0 - 1			0 - 1			0 - 1		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES										
SW8260B										
Naphthalene	mg/kg	.01	U	U	.01	U	U	.0085	U	UJ
Styrene	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	U
Tetrachloroethene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Toluene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Trichloroethene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Trichlorofluoromethane	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
Vinyl chloride	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
cis-1,2-Dichloroethene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
cis-1,3-Dichloropropene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
m,p-Xylenes	mg/kg	.01	U	UJ	.01	U	U	.0085	U	U
n-Butylbenzene	mg/kg	.0052	U	UJ	.005	U	U	.0042	U	U
n-Propylbenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
o-Chlorotoluene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
p-Chlorotoluene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
p-Cymene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
sec-Butylbenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
sec-Dichloropropane	mg/kg	.0052	U	UJ	.005	U	UJ	.0042	U	U
tert-Butylbenzene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
trans-1,2-Dichloroethene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U
trans-1,3-Dichloropropene	mg/kg	.0052	U	U	.005	U	U	.0042	U	U

SUBSURFACE SOIL

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0002			NH0004			NH0006			NH0008		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	10 - 11			9 - 10			7 - 8			1 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	4430			4630			21300			23600		
Antimony	mg/kg	11.5	U	UJ	12.4	U	UJ	12.5	U	UJ	12.2	U	UJ
Arsenic	mg/kg	10.4		J	18.9		J	28.2		J	13.7		J
Barium	mg/kg	5.29			220			20.3			27.5		
Beryllium	mg/kg	.666	J	J	.878	J	J	1.25	U	U	1.22	U	U
Cadmium	mg/kg	1.15	U	U	.917	J	J	1.25	U	U	1.22	U	U
Calcium	mg/kg	36.3	J	B	26.6	J	B	18.7	J	B	114	J	J
Chromium	mg/kg	5.2		J	4.95		J	35.1		J	21.2		J
Cobalt	mg/kg	12.7			13.9			2.52		B	2.08	J	B
Copper	mg/kg	19.9			22.9			16.4			14.7		
Iron	mg/kg	12700		J	11700		J	41900		J	19300		J
Lead	mg/kg	12.1		J	129		J	7.8		J	9.62		J
Magnesium	mg/kg	369		J	573		J	568		J	873		J
Manganese	mg/kg	115		J	1850		J	12.2		J	51.7		J
Nickel	mg/kg	15.3			25.5			3.38		B	6.38		
Potassium	mg/kg	815		J	1270		J	404	J	J	642		J
Selenium	mg/kg	1.15	U	U	1.24	U	U	1.75			1.22	U	U
Silver	mg/kg	2.31	U	UJ	2.49	U	UJ	3.25		J	1.72	J	J
Sodium	mg/kg	37	J	J	41.2	J	J	38.1	J	J	87	J	J
Thallium	mg/kg	2.31	U	U	2.49	U	U	2.51	U	U	2.44	U	U
Vanadium	mg/kg	13.6		J	19.5		J	62.8		J	40.6		J
Zinc	mg/kg	92.3		J	114		J	24		J	32.5		J
SW7471A													
Mercury	mg/kg	.115	U	U	.075	J	J	.118	J	J	.047	J	J
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP04			RNG-109-GP05			RNG-109-GP06			RNG-109-GP07		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0009			NH0011			NH0013			NH0015		
	Sample Date:	27-NOV-01			27-NOV-01			26-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	11 - 12			2 - 3			2 - 4			7 - 8		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	22000			6380			5730			7300		
Antimony	mg/kg	13.2	U	UJ	10.8	U	UJ	12	U	U	11.5	U	UJ
Arsenic	mg/kg	22.6		J	13.8		J	7.54			19.6		J
Barium	mg/kg	23.5			24			1000			7.6		
Beryllium	mg/kg	1.32	U	U	1.08	U	U	1.2	U	U	1.15	U	U
Cadmium	mg/kg	1.32	U	U	1.08	U	U	.789	J	J	1.15	U	U
Calcium	mg/kg	76.8	J	B	83.3	J	J	63.1	J	J	71.2	J	B
Chromium	mg/kg	32.9		J	12.7		J	6.36			16		J
Cobalt	mg/kg	4.36			11.2			31.1			1.53	J	B
Copper	mg/kg	17.7			13.8			28.3			9.24		
Iron	mg/kg	31200		J	14100		J	7420			18500		J
Lead	mg/kg	10.3		J	11.9		J	32.4			4.07		J
Magnesium	mg/kg	791		J	315		J	224			294		J
Manganese	mg/kg	120		J	424		J	10300			45		J
Nickel	mg/kg	6.33			5.73			8.74			2.73		B
Potassium	mg/kg	635	J	J	456	J	J	516	J	J	419	J	J
Selenium	mg/kg	.648	J	J	1.08	U	U	1.2	U	U	1.15	U	U
Silver	mg/kg	2.6	J	J	1.26	J	J	2.4	U	U	2.25	J	J
Sodium	mg/kg	39.3	J	J	28.4	J	J	55.9	J	J	35.3	J	J
Thallium	mg/kg	2.65	U	U	2.16	U	U	5.52			2.3	U	U
Vanadium	mg/kg	60.2		J	17.2		J	19.5			26		J
Zinc	mg/kg	27.7		J	19.8		J	38.3		J	26.7		J
SW7471A													
Mercury	mg/kg	.044	J	J	.108	U	U	.107	J	J	.115	U	U
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW02			RNG-109-MW03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0017			NH0019			NH0020			NH0022		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	7 - 8			11 - 12			11 - 12			3 - 4		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	3610			5060			6560			15500		
Antimony	mg/kg	12.1	U	UJ	11.5	U	UJ	11.5	U	UJ	11.7	U	UJ
Arsenic	mg/kg	5.15		J	22.2		J	37.4		J	6.49		J
Barium	mg/kg	3.65			17.5			19.9			31.7		
Beryllium	mg/kg	.423	J	J	1.15	U	U	1.15	U	U	1.17	U	U
Cadmium	mg/kg	1.21	U	U	1.15	U	U	1.15	U	U	1.17	U	U
Calcium	mg/kg	52	J	B	27.9	J	B	44.1	J	B	115	J	J
Chromium	mg/kg	14.5		J	21.7		J	22.2		J	11.9		J
Cobalt	mg/kg	4.57			10.9			12.8			5.05		
Copper	mg/kg	15.8			40.6		J	74.1		J	10.7		
Iron	mg/kg	14500		J	10900		J	15600		J	10600		J
Lead	mg/kg	7.13		J	21.3		J	35.4		J	9.68		J
Magnesium	mg/kg	191		J	255		J	350		J	710		J
Manganese	mg/kg	47.7		J	285		J	296		J	68.9		J
Nickel	mg/kg	8.02			10.7			13.4			6.71		B
Potassium	mg/kg	358	J	J	417	J	J	602		J	367	J	J
Selenium	mg/kg	1.21	U	U	1.15	U	U	.737	J	B	.622	J	B
Silver	mg/kg	1.69	J	J	2.3	U	UJ	2.3	U	UJ	2.34	U	UJ
Sodium	mg/kg	36.8	J	J	32.2	J	J	36.5	J	J	53	J	J
Thallium	mg/kg	2.43	U	U	2.3	U	U	2.3	U	U	2.34	U	U
Vanadium	mg/kg	20.4		J	18		J	23.8		J	24.5		J
Zinc	mg/kg	58.3		J	34		J	51.7		J	26.9		J
SW7471A													
Mercury	mg/kg	.121	U	U	.115	U	U	.115	U	U	.042	J	J
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Location Code:	RNG-109-MW04			
Associated Site:	RNG-109			
Sample No:	NH0024			
Sample Date:	27-NOV-01			
Sample Depth:	11 - 12			
User Test Group / Lab Method / Parameter	*Units*	*Result*	*Qual*	*VQual*
METALS				
SW6010B				
Aluminum	mg/kg	9790		
Antimony	mg/kg	11.3	U	U
Arsenic	mg/kg	14.5		
Barium	mg/kg	7.65		
Beryllium	mg/kg	1.13	U	U
Cadmium	mg/kg	1.13	U	U
Calcium	mg/kg	52.8	J	J
Chromium	mg/kg	22.3		
Cobalt	mg/kg	1.86	J	B
Copper	mg/kg	8.66		
Iron	mg/kg	30100		
Lead	mg/kg	8.39		
Magnesium	mg/kg	286		
Manganese	mg/kg	38.6		
Nickel	mg/kg	2.43		B
Potassium	mg/kg	222	J	J
Selenium	mg/kg	.672	J	B
Silver	mg/kg	1.66	J	J
Sodium	mg/kg	37.7	J	J
Thallium	mg/kg	2.25	U	U
Vanadium	mg/kg	39.9		
Zinc	mg/kg	12.5		J
SW7471A				
Mercury	mg/kg	.056	J	B
NITROAROMATICS				
SW8330				
1,3,5-Trinitrobenzene	mg/kg	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0002			NH0004			NH0006			NH0008		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	10 - 11			9 - 10			7 - 8			1 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
1,2-Dichlorobenzene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
1,3-Dichlorobenzene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
1,4-Dichlorobenzene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2,4,5-Trichlorophenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2,4,6-Trichlorophenol	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
2,4-Dichlorophenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2,4-Dimethylphenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2,4-Dinitrophenol	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
2,4-Dinitrotoluene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2,6-Dinitrotoluene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2-Chloronaphthalene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2-Chlorophenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
2-Methylnaphthalene	mg/kg	.38	U	U	.41	U	U	.41	U	U	1.7		J
2-Methylphenol	mg/kg	.38	U	UJ	.41	U	UJ	.41	U	UJ	.4	U	UJ
2-Nitroaniline	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
2-Nitrophenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
3,3-Dichlorobenzidine	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP04			RNG-109-GP05			RNG-109-GP06			RNG-109-GP07		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0009			NH0011			NH0013			NH0015		
	Sample Date:	27-NOV-01			27-NOV-01			26-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	11 - 12			2 - 3			2 - 4			7 - 8		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
1,2-Dichlorobenzene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
1,3-Dichlorobenzene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
1,4-Dichlorobenzene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2,4,5-Trichlorophenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2,4,6-Trichlorophenol	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
2,4-Dichlorophenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2,4-Dimethylphenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2,4-Dinitrophenol	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
2,4-Dinitrotoluene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2,6-Dinitrotoluene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2-Chloronaphthalene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2-Chlorophenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
2-Methylnaphthalene	mg/kg	3.1		J	.36	U	U	.4	U	U	.38	U	U
2-Methylphenol	mg/kg	.44	U	UJ	.36	U	UJ	.4	U	U	.38	U	UJ
2-Nitroaniline	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
2-Nitrophenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
3,3-Dichlorobenzidine	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW02			RNG-109-MW03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0017			NH0019			NH0020			NH0022		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group / Lab Method	Sample Depth:	7 - 8			11 - 12			11 - 12			3 - 4		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
1,2-Dichlorobenzene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
1,3-Dichlorobenzene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
1,4-Dichlorobenzene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2,4,5-Trichlorophenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2,4,6-Trichlorophenol	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U
2,4-Dichlorophenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2,4-Dimethylphenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2,4-Dinitrophenol	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2,6-Dinitrotoluene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2-Chloronaphthalene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2-Chlorophenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2-Methylnaphthalene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
2-Methylphenol	mg/kg	.4	U	UJ	.38	U	UJ	.38	U	UJ	.39	U	UJ
2-Nitroaniline	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	UJ
2-Nitrophenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
3,3-Dichlorobenzidine	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U

Location Code:	RNG-109-MW04			
Associated Site:	RNG-109			
Sample No:	NH0024			
Sample Date:	27-NOV-01			
Sample Depth:	11 - 12			
User Test Group / Lab Method / Parameter	*Units*	*Result*	*Qual*	*VQual*
NITROAROMATICS				
SW8330				
2,6-Dinitrotoluene	mg/kg	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U
HMX	mg/kg	.4	U	U
Nitrobenzene	mg/kg	.4	U	U
RDX	mg/kg	.4	U	U
Tetryl	mg/kg	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U
SEMIVOLATILES				
SW8270C				
1,2,4-Trichlorobenzene	mg/kg	.37	U	U
1,2-Dichlorobenzene	mg/kg	.37	U	U
1,3-Dichlorobenzene	mg/kg	.37	U	U
1,4-Dichlorobenzene	mg/kg	.37	U	U
2,4,5-Trichlorophenol	mg/kg	.37	U	U
2,4,6-Trichlorophenol	mg/kg	.71	U	U
2,4-Dichlorophenol	mg/kg	.37	U	U
2,4-Dimethylphenol	mg/kg	.37	U	U
2,4-Dinitrophenol	mg/kg	.71	U	U
2,4-Dinitrotoluene	mg/kg	.37	U	U
2,6-Dinitrotoluene	mg/kg	.37	U	U
2-Chloronaphthalene	mg/kg	.37	U	U
2-Chlorophenol	mg/kg	.37	U	U
2-Methylnaphthalene	mg/kg	.37	U	U
2-Methylphenol	mg/kg	.37	U	U
2-Nitroaniline	mg/kg	.71	U	U
2-Nitrophenol	mg/kg	.37	U	U
3,3-Dichlorobenzidine	mg/kg	.71	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0002			NH0004			NH0006			NH0008		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	10 - 11			9 - 10			7 - 8			1 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
4-Bromophenyl phenyl ether	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
4-Chloro-3-methylphenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
4-Chloroaniline	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
4-Chlorophenyl phenyl ether	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
4-Methylphenol	mg/kg	.38	U	UJ	.41	U	UJ	.41	U	UJ	.4	U	UJ
4-Nitroaniline	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
4-Nitrophenol	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
Acenaphthene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Acenaphthylene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Anthracene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Benzo(a)anthracene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Benzo(a)pyrene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Benzo(b)fluoranthene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Benzo(ghi)perylene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Benzo(k)fluoranthene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Butyl benzyl phthalate	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Carbazole	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Chrysene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Di-n-butyl phthalate	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Di-n-octyl phthalate	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Dibenz(a,h)anthracene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Dibenzofuran	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Diethyl phthalate	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Dimethyl phthalate	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Fluoranthene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Fluorene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.13	J	J
Hexachlorobenzene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Hexachlorobutadiene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Hexachlorocyclopentadiene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP04			RNG-109-GP05			RNG-109-GP06			RNG-109-GP07		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0009			NH0011			NH0013			NH0015		
	Sample Date:	27-NOV-01			27-NOV-01			26-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	11 - 12			2 - 3			2 - 4			7 - 8		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
4-Bromophenyl phenyl ether	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
4-Chloro-3-methylphenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
4-Chloroaniline	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
4-Chlorophenyl phenyl ether	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
4-Methylphenol	mg/kg	.44	U	UJ	.36	U	UJ	.4	U	U	.38	U	UJ
4-Nitroaniline	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
4-Nitrophenol	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
Acenaphthene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Acenaphthylene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Anthracene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Benzo(a)anthracene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Benzo(a)pyrene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Benzo(b)fluoranthene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Benzo(ghi)perylene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Benzo(k)fluoranthene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Butyl benzyl phthalate	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Carbazole	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Chrysene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Di-n-butyl phthalate	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Di-n-octyl phthalate	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Dibenz(a,h)anthracene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Dibenzofuran	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Diethyl phthalate	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Dimethyl phthalate	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Fluoranthene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Fluorene	mg/kg	.19	J	J	.36	U	U	.4	U	U	.38	U	U
Hexachlorobenzene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Hexachlorobutadiene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Hexachlorocyclopentadiene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW02			RNG-109-MW03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0017			NH0019			NH0020			NH0022		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	7 - 8			11 - 12			11 - 12			3 - 4		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U
4-Bromophenyl phenyl ether	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
4-Chloro-3-methylphenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
4-Chloroaniline	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
4-Chlorophenyl phenyl ether	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
4-Methylphenol	mg/kg	.4	U	UJ	.38	U	UJ	.38	U	UJ	.39	U	UJ
4-Nitroaniline	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
4-Nitrophenol	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U
Acenaphthene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Acenaphthylene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Anthracene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Benzo(a)anthracene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Benzo(a)pyrene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Benzo(b)fluoranthene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Benzo(ghi)perylene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Benzo(k)fluoranthene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Butyl benzyl phthalate	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Carbazole	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Chrysene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Di-n-butyl phthalate	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Di-n-octyl phthalate	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Dibenz(a,h)anthracene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Dibenzofuran	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Diethyl phthalate	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Dimethyl phthalate	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Fluoranthene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Fluorene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Hexachlorobenzene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Hexachlorobutadiene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Hexachlorocyclopentadiene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U

Location Code:	RNG-109-MW04			
Associated Site:	RNG-109			
Sample No:	NH0024			
Sample Date:	27-NOV-01			
Sample Depth:	11 - 12			
User Test Group / Lab Method / Parameter	*Units*	*Result*	*Qual*	*VQual*
SEMIVOLATILES				
SW8270C				
3-Nitroaniline	mg/kg	.71	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.71	U	U
4-Bromophenyl phenyl ether	mg/kg	.37	U	U
4-Chloro-3-methylphenol	mg/kg	.37	U	U
4-Chloroaniline	mg/kg	.37	U	U
4-Chlorophenyl phenyl ether	mg/kg	.37	U	U
4-Methylphenol	mg/kg	.37	U	U
4-Nitroaniline	mg/kg	.37	U	U
4-Nitrophenol	mg/kg	.71	U	U
Acenaphthene	mg/kg	.37	U	U
Acenaphthylene	mg/kg	.37	U	U
Anthracene	mg/kg	.37	U	U
Benzo(a)anthracene	mg/kg	.37	U	U
Benzo(a)pyrene	mg/kg	.37	U	U
Benzo(b)fluoranthene	mg/kg	.37	U	U
Benzo(ghi)perylene	mg/kg	.37	U	U
Benzo(k)fluoranthene	mg/kg	.37	U	U
Butyl benzyl phthalate	mg/kg	.37	U	U
Carbazole	mg/kg	.37	U	U
Chrysene	mg/kg	.37	U	U
Di-n-butyl phthalate	mg/kg	.37	U	U
Di-n-octyl phthalate	mg/kg	.37	U	U
Dibenz(a,h)anthracene	mg/kg	.37	U	U
Dibenzofuran	mg/kg	.37	U	U
Diethyl phthalate	mg/kg	.37	U	U
Dimethyl phthalate	mg/kg	.37	U	U
Fluoranthene	mg/kg	.37	U	U
Fluorene	mg/kg	.37	U	U
Hexachlorobenzene	mg/kg	.37	U	U
Hexachlorobutadiene	mg/kg	.37	U	U
Hexachlorocyclopentadiene	mg/kg	.37	U	U

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0002			NH0004			NH0006			NH0008		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	10 - 11			9 - 10			7 - 8			1 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachloroethane	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Isophorone	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Naphthalene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.54		J
Nitrobenzene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Pentachlorophenol	mg/kg	.73	U	U	.78	U	U	.79	U	U	.77	U	U
Phenanthrene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.34	J	J
Phenol	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
Pyrene	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
bis(2-Chloroethoxy)methane	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
bis(2-Chloroethyl)ether	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
n-Nitroso-di-n-propylamine	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
n-Nitrosodiphenylamine	mg/kg	.38	U	U	.41	U	U	.41	U	U	.4	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,1,1-Trichloroethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.005	U	UJ	.005	U	UJ	.0054	U	UJ	.24	U	UJ
1,1,2-Trichloroethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,1-Dichloroethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,1-Dichloroethene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,1-Dichloropropene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,2,3-Trichlorobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	UJ
1,2,3-Trichloropropane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,2,4-Trichlorobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	UJ
1,2,4-Trimethylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	39		
1,2-Dibromo-3-Chloropropane	mg/kg	.0099	U	U	.01	U	U	.011	U	U	.48	U	U
1,2-Dibromoethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP04			RNG-109-GP05			RNG-109-GP06			RNG-109-GP07		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0009			NH0011			NH0013			NH0015		
	Sample Date:	27-NOV-01			27-NOV-01			26-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	11 - 12			2 - 3			2 - 4			7 - 8		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachloroethane	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Isophorone	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Naphthalene	mg/kg	.95		J	.36	U	U	.4	U	U	.38	U	U
Nitrobenzene	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Pentachlorophenol	mg/kg	.83	U	U	.68	U	U	.76	U	U	.72	U	U
Phenanthrene	mg/kg	.55			.36	U	U	.4	U	U	.38	U	U
Phenol	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
Pyrene	mg/kg	.13	J	J	.36	U	U	.4	U	U	.38	U	U
bis(2-Chloroethoxy)methane	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
bis(2-Chloroethyl)ether	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
n-Nitroso-di-n-propylamine	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
n-Nitrosodiphenylamine	mg/kg	.44	U	U	.36	U	U	.4	U	U	.38	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.006	U	U	.0048	U	U	.005	U	UJ	.0045	U	U
1,1,1-Trichloroethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
1,1,2-Trichloroethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,1-Dichloroethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,1-Dichloroethene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,1-Dichloropropene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,2,3-Trichlorobenzene	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
1,2,3-Trichloropropane	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
1,2,4-Trichlorobenzene	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
1,2,4-Trimethylbenzene	mg/kg	4.9			.0011	J	J	.005	U	U	.0045	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.012	U	UJ	.0096	U	UJ	.01	U	U	.0091	U	UJ
1,2-Dibromoethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW02			RNG-109-MW03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0017			NH0019			NH0020			NH0022		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	7 - 8			11 - 12			11 - 12			3 - 4		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachloroethane	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Isophorone	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Naphthalene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Nitrobenzene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Pentachlorophenol	mg/kg	.76	U	U	.72	U	U	.72	U	U	.74	U	U
Phenanthrene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Phenol	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
Pyrene	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
bis(2-Chloroethoxy)methane	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
bis(2-Chloroethyl)ether	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
n-Nitroso-di-n-propylamine	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
n-Nitrosodiphenylamine	mg/kg	.4	U	U	.38	U	U	.38	U	U	.39	U	U
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,1,1-Trichloroethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	UJ
1,1,2-Trichloroethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,1-Dichloroethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,1-Dichloroethene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,1-Dichloropropene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,2,3-Trichlorobenzene	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
1,2,3-Trichloropropane	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
1,2,4-Trichlorobenzene	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
1,2,4-Trimethylbenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.0096	U	UJ	.0092	U	UJ	.0099	U	UJ	.0088	U	U
1,2-Dibromoethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U

Location Code:	RNG-109-MW04			
Associated Site:	RNG-109			
Sample No:	NH0024			
Sample Date:	27-NOV-01			
Sample Depth:	11 - 12			
User Test Group / Lab Method / Parameter	*Units*	*Result*	*Qual*	*VQual*
SEMIVOLATILES				
SW8270C				
Hexachloroethane	mg/kg	.37	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.37	U	U
Isophorone	mg/kg	.37	U	U
Naphthalene	mg/kg	.37	U	U
Nitrobenzene	mg/kg	.37	U	U
Pentachlorophenol	mg/kg	.71	U	U
Phenanthrene	mg/kg	.37	U	U
Phenol	mg/kg	.37	U	U
Pyrene	mg/kg	.37	U	U
bis(2-Chloroethoxy)methane	mg/kg	.37	U	U
bis(2-Chloroethyl)ether	mg/kg	.37	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.37	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.37	U	U
n-Nitroso-di-n-propylamine	mg/kg	.37	U	U
n-Nitrosodiphenylamine	mg/kg	.37	U	U
VOLATILES				
SW8260B				
1,1,1,2-Tetrachloroethane	mg/kg	.0047	U	U
1,1,1-Trichloroethane	mg/kg	.0047	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0047	U	U
1,1,2-Trichloroethane	mg/kg	.0047	U	U
1,1-Dichloroethane	mg/kg	.0047	U	U
1,1-Dichloroethene	mg/kg	.0047	U	U
1,1-Dichloropropene	mg/kg	.0047	U	U
1,2,3-Trichlorobenzene	mg/kg	.0047	U	U
1,2,3-Trichloropropane	mg/kg	.0047	U	U
1,2,4-Trichlorobenzene	mg/kg	.0047	U	U
1,2,4-Trimethylbenzene	mg/kg	.0034	J	J
1,2-Dibromo-3-Chloropropane	mg/kg	.0093	U	U
1,2-Dibromoethane	mg/kg	.0047	U	U

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0002			NH0004			NH0006			NH0008		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	10 - 11			9 - 10			7 - 8			1 - 12		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dichlorobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,2-Dichloroethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,2-Dichloropropane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,2-Dimethylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	11		
1,3,5-Trimethylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	13		
1,3-Dichlorobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,3-Dichloropropane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
1,4-Dichlorobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
2-Butanone	mg/kg	.02	U	U	.02	U	U	.022	U	U	.95	U	U
2-Hexanone	mg/kg	.02	U	U	.02	U	U	.022	U	U	.95	U	U
4-Methyl-2-pentanone	mg/kg	.02	U	U	.02	U	U	.022	U	U	.95	U	U
Acetone	mg/kg	.02	U	U	.0085	J	B	.017	J	B	.95	U	U
Benzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Bromobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Bromochloromethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Bromodichloromethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Bromoform	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	UJ
Bromomethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Carbon disulfide	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Carbon tetrachloride	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Chlorobenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Chloroethane	mg/kg	.0099	U	U	.01	U	U	.011	U	U	.48	U	U
Chloroform	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Chloromethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Cumene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	1.1		
Dibromochloromethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Dibromomethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Dichlorodifluoromethane	mg/kg	.0099	U	U	.01	U	U	.011	U	U	.48	U	U
Ethylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	7		
Hexachlorobutadiene	mg/kg	.005	U	UJ	.005	U	UJ	.0054	U	UJ	.24	U	UJ
Methylene chloride	mg/kg	.0099	U	U	.01	U	U	.011	U	U	.48	U	U

	Location Code:	RNG-109-GP04			RNG-109-GP05			RNG-109-GP06			RNG-109-GP07		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0009			NH0011			NH0013			NH0015		
	Sample Date:	27-NOV-01			27-NOV-01			26-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	11 - 12			2 - 3			2 - 4			7 - 8		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dichlorobenzene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,2-Dichloroethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,2-Dichloropropane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,2-Dimethylbenzene	mg/kg	.22		J	.0048	U	UJ	.005	U	U	.0045	U	UJ
1,3,5-Trimethylbenzene	mg/kg	.072			.0048	U	U	.005	U	U	.0045	U	U
1,3-Dichlorobenzene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,3-Dichloropropane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
1,4-Dichlorobenzene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
2-Butanone	mg/kg	.024	U	U	.0085	J	J	.02	U	U	.0048	J	J
2-Hexanone	mg/kg	.024	U	U	.019	U	U	.02	U	U	.018	U	U
4-Methyl-2-pentanone	mg/kg	.024	U	U	.019	U	U	.02	U	U	.018	U	U
Acetone	mg/kg	.019	J	B	.046		B	.0037	J	B	.024		B
Benzene	mg/kg	.0042	J	J	.0048	U	U	.005	U	U	.0045	U	U
Bromobenzene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Bromochloromethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Bromodichloromethane	mg/kg	.006	U	U	.0048	U	U	.005	U	UJ	.0045	U	U
Bromoform	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Bromomethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Carbon disulfide	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Carbon tetrachloride	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	UJ	.0045	U	UJ
Chlorobenzene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Chloroethane	mg/kg	.012	U	U	.0096	U	U	.01	U	U	.0091	U	U
Chloroform	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Chloromethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Cumene	mg/kg	.0081			.0048	U	U	.005	U	U	.0045	U	U
Dibromochloromethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Dibromomethane	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Dichlorodifluoromethane	mg/kg	.012	U	U	.0096	U	U	.01	U	U	.0091	U	U
Ethylbenzene	mg/kg	.12			.0048	U	U	.005	U	U	.0045	U	U
Hexachlorobutadiene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Methylene chloride	mg/kg	.012	U	U	.0096	U	U	.01	U	U	.0091	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW02			RNG-109-MW03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0017			NH0019			NH0020			NH0022		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	7 - 8			11 - 12			11 - 12			3 - 4		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
1,2-Dichlorobenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,2-Dichloroethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,2-Dichloropropane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,2-Dimethylbenzene	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
1,3,5-Trimethylbenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,3-Dichlorobenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,3-Dichloropropane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
1,4-Dichlorobenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
2-Butanone	mg/kg	.019	U	U	.018	U	U	.0041	J	J	.018	U	U
2-Hexanone	mg/kg	.019	U	U	.018	U	U	.02	U	U	.018	U	U
4-Methyl-2-pentanone	mg/kg	.019	U	U	.018	U	U	.02	U	U	.018	U	U
Acetone	mg/kg	.0081	J	B	.0081	J	B	.051		B	.011	J	B
Benzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Bromobenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Bromochloromethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Bromodichloromethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Bromoform	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	UJ
Bromomethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Carbon disulfide	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Carbon tetrachloride	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
Chlorobenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Chloroethane	mg/kg	.0096	U	U	.0092	U	U	.0099	U	U	.0088	U	U
Chloroform	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Chloromethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Cumene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Dibromochloromethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Dibromomethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Dichlorodifluoromethane	mg/kg	.0096	U	U	.0092	U	U	.0099	U	U	.0088	U	U
Ethylbenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Hexachlorobutadiene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	UJ
Methylene chloride	mg/kg	.0096	U	U	.0092	U	U	.0099	U	U	.0088	U	U

Location Code:	RNG-109-MW04			
Associated Site:	RNG-109			
Sample No:	NH0024			
Sample Date:	27-NOV-01			
Sample Depth:	11 - 12			
User Test Group / Lab Method / Parameter	*Units*	*Result*	*Qual*	*VQual*
VOLATILES				
SW8260B				
1,2-Dichlorobenzene	mg/kg	.0047	U	U
1,2-Dichloroethane	mg/kg	.0047	U	U
1,2-Dichloropropane	mg/kg	.0047	U	U
1,2-Dimethylbenzene	mg/kg	.0047	U	U
1,3,5-Trimethylbenzene	mg/kg	.0047	U	U
1,3-Dichlorobenzene	mg/kg	.0047	U	U
1,3-Dichloropropane	mg/kg	.0047	U	U
1,4-Dichlorobenzene	mg/kg	.0047	U	U
2-Butanone	mg/kg	.019	U	U
2-Hexanone	mg/kg	.019	U	U
4-Methyl-2-pentanone	mg/kg	.019	U	U
Acetone	mg/kg	.019	U	UJ
Benzene	mg/kg	.0025	J	J
Bromobenzene	mg/kg	.0047	U	U
Bromochloromethane	mg/kg	.0047	U	U
Bromodichloromethane	mg/kg	.0047	U	U
Bromoform	mg/kg	.0047	U	U
Bromomethane	mg/kg	.0047	U	U
Carbon disulfide	mg/kg	.0047	U	U
Carbon tetrachloride	mg/kg	.0047	U	UJ
Chlorobenzene	mg/kg	.0047	U	U
Chloroethane	mg/kg	.0093	U	U
Chloroform	mg/kg	.0047	U	U
Chloromethane	mg/kg	.0047	U	U
Cumene	mg/kg	.0047	U	U
Dibromochloromethane	mg/kg	.0047	U	U
Dibromomethane	mg/kg	.0047	U	U
Dichlorodifluoromethane	mg/kg	.0093	U	U
Ethylbenzene	mg/kg	.0047	U	U
Hexachlorobutadiene	mg/kg	.0047	U	U
Methylene chloride	mg/kg	.0093	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-GP01			RNG-109-GP02			RNG-109-GP03			RNG-109-GP04		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0002			NH0004			NH0006			NH0008		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group / Lab Method	Sample Depth:	10 - 11			9 - 10			7 - 8			1 - 12		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
Naphthalene	mg/kg	.0099	U	U	.01	U	U	.011	U	U	2.2		
Styrene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Tetrachloroethene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Toluene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.52		
Trichloroethene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Trichlorofluoromethane	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
Vinyl chloride	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
cis-1,2-Dichloroethene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
cis-1,3-Dichloropropene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
m,p-Xylenes	mg/kg	.0099	U	U	.01	U	U	.011	U	U	16		
n-Butylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
n-Propylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	5.6		
o-Chlorotoluene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
p-Chlorotoluene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
p-Cymene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.63		
sec-Butylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.75		
sec-Dichloropropane	mg/kg	.005	U	UJ	.005	U	UJ	.0054	U	UJ	.24	U	UJ
tert-Butylbenzene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
trans-1,2-Dichloroethene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U
trans-1,3-Dichloropropene	mg/kg	.005	U	U	.005	U	U	.0054	U	U	.24	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-GP04			RNG-109-GP05			RNG-109-GP06			RNG-109-GP07		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0009			NH0011			NH0013			NH0015		
	Sample Date:	27-NOV-01			27-NOV-01			26-NOV-01			27-NOV-01		
User Test Group	*Sample Depth:*	11 - 12			2 - 3			2 - 4			7 - 8		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES													
SW8260B													
Naphthalene	mg/kg	.052			.0096	U	U	.01	U	UJ	.0091	U	U
Styrene	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
Tetrachloroethene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Toluene	mg/kg	.02			.00099	J	J	.005	U	U	.0045	U	U
Trichloroethene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
Trichlorofluoromethane	mg/kg	.006	U	U	.0048	U	U	.0016	J	B	.0045	U	U
Vinyl chloride	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
cis-1,2-Dichloroethene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
cis-1,3-Dichloropropene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
m,p-Xylenes	mg/kg	.76			.0017	J	J	.01	U	U	.0091	U	UJ
n-Butylbenzene	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
n-Propylbenzene	mg/kg	.035			.0048	U	U	.005	U	U	.0045	U	U
o-Chlorotoluene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
p-Chlorotoluene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
p-Cymene	mg/kg	.0024	J	J	.0048	U	U	.005	U	U	.0045	U	U
sec-Butylbenzene	mg/kg	.0031	J	J	.0048	U	U	.005	U	U	.0045	U	U
sec-Dichloropropane	mg/kg	.006	U	UJ	.0048	U	UJ	.005	U	U	.0045	U	UJ
tert-Butylbenzene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
trans-1,2-Dichloroethene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U
trans-1,3-Dichloropropene	mg/kg	.006	U	U	.0048	U	U	.005	U	U	.0045	U	U

Summary of Validated Subsurface Soil Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW02			RNG-109-MW03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH0017			NH0019			NH0020			NH0022		
	Sample Date:	27-NOV-01			27-NOV-01			27-NOV-01			27-NOV-01		
User Test Group / Lab Method	Sample Depth:	7 - 8			11 - 12			11 - 12			3 - 4		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
Naphthalene	mg/kg	.0096	U	U	.0092	U	U	.0099	U	U	.0088	U	U
Styrene	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
Tetrachloroethene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Toluene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Trichloroethene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Trichlorofluoromethane	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
Vinyl chloride	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
cis-1,2-Dichloroethene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
cis-1,3-Dichloropropene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
m,p-Xylenes	mg/kg	.0096	U	UJ	.0092	U	UJ	.0099	U	UJ	.0088	U	U
n-Butylbenzene	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	U
n-Propylbenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
o-Chlorotoluene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
p-Chlorotoluene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
p-Cymene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
sec-Butylbenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
sec-Dichloropropane	mg/kg	.0048	U	UJ	.0046	U	UJ	.0049	U	UJ	.0044	U	UJ
tert-Butylbenzene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
trans-1,2-Dichloroethene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U
trans-1,3-Dichloropropene	mg/kg	.0048	U	U	.0046	U	U	.0049	U	U	.0044	U	U

Location Code:	RNG-109-MW04			
Associated Site:	RNG-109			
Sample No:	NH0024			
Sample Date:	27-NOV-01			
Sample Depth:	11 - 12			
User Test Group / Lab Method / Parameter	*Units*	*Result*	*Qual*	*VQual*
VOLATILES				
SW8260B				
Naphthalene	mg/kg	.0093	U	UJ
Styrene	mg/kg	.0047	U	U
Tetrachloroethene	mg/kg	.0047	U	U
Toluene	mg/kg	.0047	U	U
Trichloroethene	mg/kg	.0047	U	U
Trichlorofluoromethane	mg/kg	.0047	U	U
Vinyl chloride	mg/kg	.0047	U	U
cis-1,2-Dichloroethene	mg/kg	.0047	U	U
cis-1,3-Dichloropropene	mg/kg	.0047	U	U
m,p-Xylenes	mg/kg	.0093	U	U
n-Butylbenzene	mg/kg	.0047	U	U
n-Propylbenzene	mg/kg	.0047	U	U
o-Chlorotoluene	mg/kg	.0047	U	U
p-Chlorotoluene	mg/kg	.0047	U	U
p-Cymene	mg/kg	.0047	U	U
sec-Butylbenzene	mg/kg	.0047	U	U
sec-Dichloropropane	mg/kg	.0047	U	U
tert-Butylbenzene	mg/kg	.0047	U	U
trans-1,2-Dichloroethene	mg/kg	.0047	U	U
trans-1,3-Dichloropropene	mg/kg	.0047	U	U

GROUNDWATER

Summary of Validated Groundwater Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-MW01			RNG-109-MW02			RNG-109-MW03			RNG-109-MW03		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH3001			NH3002			NH3003			NH3005		
	Sample Date:		15-MAR-02			26-FEB-02			26-FEB-02			26-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L	.413			.0798	J	J	.127	J	J	.0986	J	J
Antimony		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Arsenic		mg/L	.01	U	U	.00219	J	J	.01	U	U	.01	U	U
Barium		mg/L	.0243			.0171			.013			.012		
Beryllium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Cadmium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Calcium		mg/L	1	U	U	.652	J	J	.661	J	J	.628	J	J
Chromium		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Cobalt		mg/L	.02	U	U	.0302			.02	U	U	.02	U	U
Copper		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Iron		mg/L	.139	J	J	4			.0408	J	J	.0189	J	J
Lead		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Magnesium		mg/L	.228	J	B	.345	J	J	.733	J	J	.715	J	J
Manganese		mg/L	.147			.867			.0273	J	J	.0255	J	J
Nickel		mg/L	.02	U	U	.0164	J	J	.02	U	U	.02	U	U
Potassium		mg/L	5	U	U	5	U	U	5	U	U	5	U	U
Selenium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Silver		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Sodium		mg/L	1.33		B	4.08			1.04			.92	J	J
Thallium		mg/L	.01	U	U	.01	U	U	.00703	J	B	.01	U	U
Vanadium		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Zinc		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
SW7470A														
Mercury		mg/L	.0005	U	U	.0005	U	U	.0005	U	U	.0005	U	U
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
1,3-Dinitrobenzene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2,4,6-Trinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2,4-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U

Location Code:	RNG-109-MW04
Associated Site:	RNG-109
Sample No:	NH3004
Sample Date:	26-FEB-02

User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*
METALS					
SW6010B					
Aluminum		mg/L	19.7		
Antimony		mg/L	.1	U	U
Arsenic		mg/L	.0132		
Barium		mg/L	.136		
Beryllium		mg/L	.00366	J	J
Cadmium		mg/L	.01	U	U
Calcium		mg/L	8.41		
Chromium		mg/L	.00656	J	J
Cobalt		mg/L	.0611		
Copper		mg/L	.0343		
Iron		mg/L	16.9		
Lead		mg/L	.043		
Magnesium		mg/L	4.91		
Manganese		mg/L	1.43		
Nickel		mg/L	.043		
Potassium		mg/L	3.78	J	B
Selenium		mg/L	.01	U	U
Silver		mg/L	.02	U	U
Sodium		mg/L	45.7		
Thallium		mg/L	.01	U	U
Vanadium		mg/L	.0201		
Zinc		mg/L	.135		
SW7470A					
Mercury		mg/L	.000274	J	J
NITROAROMATICS					
SW8330					
1,3,5-Trinitrobenzene		mg/L	.0004	U	U
1,3-Dinitrobenzene		mg/L	.0004	U	U
2,4,6-Trinitrotoluene		mg/L	.0004	U	U
2,4-Dinitrotoluene		mg/L	.0004	U	U

Summary of Validated Groundwater Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:		RNG-109-MW01			RNG-109-MW02			RNG-109-MW03			RNG-109-MW03		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH3001			NH3002			NH3003			NH3005		
	Sample Date:		15-MAR-02			26-FEB-02			26-FEB-02			26-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
3-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U	.0006	U	U	.0006	U	U
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
HMX		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
Nitrobenzene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
RDX		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
Tetryl		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
p-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U	.0006	U	U	.0006	U	U
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
1,2-Dichlorobenzene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
1,3-Dichlorobenzene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
1,4-Dichlorobenzene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2,4,5-Trichlorophenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2,4,6-Trichlorophenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2,4-Dichlorophenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2,4-Dimethylphenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2,4-Dinitrophenol		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2,4-Dinitrotoluene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2,6-Dinitrotoluene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2-Chloronaphthalene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2-Chlorophenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2-Methylnaphthalene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2-Methylphenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
2-Nitroaniline		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2-Nitrophenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
3,3-Dichlorobenzidine		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U

Location Code:	RNG-109-MW04
Associated Site:	RNG-109
Sample No:	NH3004
Sample Date:	26-FEB-02

User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*
NITROAROMATICS					
SW8330					
2,6-Dinitrotoluene		mg/L	.0004	U	U
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U
2-Nitrotoluene		mg/L	.0004	U	U
3-Nitrotoluene		mg/L	.0006	U	U
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U
HMX		mg/L	.0004	U	U
Nitrobenzene		mg/L	.0004	U	U
RDX		mg/L	.0004	U	U
Tetryl		mg/L	.0004	U	U
p-Nitrotoluene		mg/L	.0006	U	U
SEMIVOLATILES					
SW8270C					
1,2,4-Trichlorobenzene		mg/L	.0097	U	U
1,2-Dichlorobenzene		mg/L	.0097	U	U
1,3-Dichlorobenzene		mg/L	.0097	U	U
1,4-Dichlorobenzene		mg/L	.0097	U	U
2,4,5-Trichlorophenol		mg/L	.0097	U	U
2,4,6-Trichlorophenol		mg/L	.0097	U	U
2,4-Dichlorophenol		mg/L	.0097	U	U
2,4-Dimethylphenol		mg/L	.0097	U	U
2,4-Dinitrophenol		mg/L	.019	U	U
2,4-Dinitrotoluene		mg/L	.019	U	U
2,6-Dinitrotoluene		mg/L	.019	U	U
2-Chloronaphthalene		mg/L	.0097	U	U
2-Chlorophenol		mg/L	.0097	U	U
2-Methylnaphthalene		mg/L	.0097	U	U
2-Methylphenol		mg/L	.0097	U	U
2-Nitroaniline		mg/L	.019	U	U
2-Nitrophenol		mg/L	.0097	U	U
3,3-Dichlorobenzidine		mg/L	.0097	U	U

Summary of Validated Groundwater Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-MW01			RNG-109-MW02			RNG-109-MW03			RNG-109-MW03		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH3001			NH3002			NH3003			NH3005		
	Sample Date:		15-MAR-02			26-FEB-02			26-FEB-02			26-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
4,6-Dinitro-2-methylphenol		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
4-Bromophenyl phenyl ether		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
4-Chloro-3-methylphenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
4-Chloroaniline		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
4-Chlorophenyl phenyl ether		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
4-Methylphenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
4-Nitroaniline		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
4-Nitrophenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Acenaphthene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Acenaphthylene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Anthracene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Benzo(a)anthracene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Benzo(a)pyrene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Benzo(b)fluoranthene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Benzo(ghi)perylene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Benzo(k)fluoranthene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Butyl benzyl phthalate		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Carbazole		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Chrysene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Di-n-butyl phthalate		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Di-n-octyl phthalate		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Dibenz(a,h)anthracene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Dibenzofuran		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Diethyl phthalate		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Dimethyl phthalate		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Fluoranthene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Fluorene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Hexachlorobenzene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Hexachlorobutadiene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Hexachlorocyclopentadiene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U

	Location Code:		RNG-109-MW04		
	Associated Site:		RNG-109		
	Sample No:		NH3004		
	Sample Date:		26-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*
SEMIVOLATILES					
SW8270C					
3-Nitroaniline		mg/L	.0097	U	U
4,6-Dinitro-2-methylphenol		mg/L	.019	U	U
4-Bromophenyl phenyl ether		mg/L	.019	U	U
4-Chloro-3-methylphenol		mg/L	.0097	U	U
4-Chloroaniline		mg/L	.0097	U	U
4-Chlorophenyl phenyl ether		mg/L	.0097	U	U
4-Methylphenol		mg/L	.0097	U	U
4-Nitroaniline		mg/L	.0097	U	U
4-Nitrophenol		mg/L	.0097	U	U
Acenaphthene		mg/L	.0097	U	U
Acenaphthylene		mg/L	.0097	U	U
Anthracene		mg/L	.0097	U	U
Benzo(a)anthracene		mg/L	.0097	U	U
Benzo(a)pyrene		mg/L	.0097	U	U
Benzo(b)fluoranthene		mg/L	.0097	U	U
Benzo(ghi)perylene		mg/L	.0097	U	U
Benzo(k)fluoranthene		mg/L	.0097	U	U
Butyl benzyl phthalate		mg/L	.0097	U	U
Carbazole		mg/L	.0097	U	U
Chrysene		mg/L	.0097	U	U
Di-n-butyl phthalate		mg/L	.0097	U	U
Di-n-octyl phthalate		mg/L	.0097	U	U
Dibenz(a,h)anthracene		mg/L	.0097	U	U
Dibenzofuran		mg/L	.0097	U	U
Diethyl phthalate		mg/L	.019	U	U
Dimethyl phthalate		mg/L	.019	U	U
Fluoranthene		mg/L	.0097	U	U
Fluorene		mg/L	.0097	U	U
Hexachlorobenzene		mg/L	.019	U	U
Hexachlorobutadiene		mg/L	.0097	U	U
Hexachlorocyclopentadiene		mg/L	.0097	U	U

Summary of Validated Groundwater Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-MW01			RNG-109-MW02			RNG-109-MW03			RNG-109-MW03		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH3001			NH3002			NH3003			NH3005		
	Sample Date:		15-MAR-02			26-FEB-02			26-FEB-02			26-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Hexachloroethane		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Isophorone		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Naphthalene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Nitrobenzene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Pentachlorophenol		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Phenanthrene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Phenol		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
Pyrene		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
bis(2-Chloroethoxy)methane		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
bis(2-Chloroethyl)ether		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
bis(2-Chloroisopropyl)ether		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
bis(2-Ethylhexyl)phthalate		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
n-Nitroso-di-n-propylamine		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
n-Nitrosodiphenylamine		mg/L	.0097	U	U	.0097	U	U	.0097	U	U	.0097	U	U
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	U	.002	U	U	.002	U	U
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Location Code:	RNG-109-MW04
Associated Site:	RNG-109
Sample No:	NH3004
Sample Date:	26-FEB-02

User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*
SEMIVOLATILES					
SW8270C					
Hexachloroethane		mg/L	.0097	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.0097	U	U
Isophorone		mg/L	.0097	U	U
Naphthalene		mg/L	.0097	U	U
Nitrobenzene		mg/L	.0097	U	U
Pentachlorophenol		mg/L	.019	U	U
Phenanthrene		mg/L	.019	U	U
Phenol		mg/L	.0097	U	U
Pyrene		mg/L	.0097	U	U
bis(2-Chloroethoxy)methane		mg/L	.0097	U	U
bis(2-Chloroethyl)ether		mg/L	.0097	U	U
bis(2-Chloroisopropyl)ether		mg/L	.0097	U	U
bis(2-Ethylhexyl)phthalate		mg/L	.019	U	U
n-Nitroso-di-n-propylamine		mg/L	.0097	U	U
n-Nitrosodiphenylamine		mg/L	.0097	U	U
VOLATILES					
SW8260B					
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U
1,1,2-Trichloroethane		mg/L	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U
1,2,4-Trichlorobenzene		mg/L	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	U
1,2-Dibromoethane		mg/L	.001	U	U

Summary of Validated Groundwater Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-MW01			RNG-109-MW02			RNG-109-MW03			RNG-109-MW03		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH3001			NH3002			NH3003			NH3005		
	Sample Date:		15-MAR-02			26-FEB-02			26-FEB-02			26-FEB-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	U	.01	U	U	.01	U	UJ	.01	U	U
4-Methyl-2-pentanone		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Acetone		mg/L	.01	U	R	.72		J	.01	U	R	.01	U	R
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	UJ	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cumene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Hexachlorobutadiene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
Methylene chloride		mg/L	.002	U	U	.00036	J	B	.002	U	U	.002	U	U

Location Code:	RNG-109-MW04
Associated Site:	RNG-109
Sample No:	NH3004
Sample Date:	26-FEB-02

User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*
VOLATILES					
SW8260B					
1,2-Dichlorobenzene		mg/L	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U
2-Butanone		mg/L	.01	U	R
2-Hexanone		mg/L	.01	U	U
4-Methyl-2-pentanone		mg/L	.01	U	U
Acetone		mg/L	.01	U	R
Benzene		mg/L	.001	U	U
Bromobenzene		mg/L	.001	U	U
Bromochloromethane		mg/L	.001	U	U
Bromodichloromethane		mg/L	.001	U	U
Bromoform		mg/L	.001	U	U
Bromomethane		mg/L	.001	U	U
Carbon disulfide		mg/L	.001	U	U
Carbon tetrachloride		mg/L	.001	U	U
Chlorobenzene		mg/L	.001	U	U
Chloroethane		mg/L	.001	U	U
Chloroform		mg/L	.001	U	U
Chloromethane		mg/L	.001	U	U
Cumene		mg/L	.001	U	U
Dibromochloromethane		mg/L	.001	U	U
Dibromomethane		mg/L	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U
Ethylbenzene		mg/L	.001	U	U
Hexachlorobutadiene		mg/L	.001	U	U
Methylene chloride		mg/L	.002	U	U

Summary of Validated Groundwater Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

		Location Code:	RNG-109-MW01			RNG-109-MW02			RNG-109-MW03			RNG-109-MW03		
		Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
		Sample No:	NH3001			NH3002			NH3003			NH3005		
		Sample Date:	15-MAR-02			26-FEB-02			26-FEB-02			26-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Naphthalene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
cis-1,3-Dichloropropene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
n-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
n-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U
trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
trans-1,3-Dichloropropene		mg/L	.001	U	UJ	.001	U	U	.001	U	U	.001	U	U

Location Code:	RNG-109-MW04
Associated Site:	RNG-109
Sample No:	NH3004
Sample Date:	26-FEB-02

User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*
VOLATILES					
SW8260B					
Naphthalene		mg/L	.001	U	U
Styrene		mg/L	.001	U	U
Tetrachloroethene		mg/L	.001	U	U
Toluene		mg/L	.001	U	U
Trichloroethene		mg/L	.001	U	U
Trichlorofluoromethane		mg/L	.001	U	U
Vinyl chloride		mg/L	.001	U	U
cis-1,2-Dichloroethene		mg/L	.001	U	U
cis-1,3-Dichloropropene		mg/L	.001	U	U
m,p-Xylenes		mg/L	.002	U	U
n-Butylbenzene		mg/L	.001	U	U
n-Propylbenzene		mg/L	.001	U	U
o-Chlorotoluene		mg/L	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U
p-Cymene		mg/L	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U
trans-1,2-Dichloroethene		mg/L	.001	U	U
trans-1,3-Dichloropropene		mg/L	.001	U	U

SURFACE WATER

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03			RNG-109-SW/SD04		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH2001			NH2002			NH2003			NH2004		
	Sample Date:		21-FEB-02			21-FEB-02			21-FEB-02			22-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS														
SW6010B														
Aluminum		mg/L	1.96			1.95			1.93			3.37		
Antimony		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
Arsenic		mg/L	.01	U	U	.01	U	U	.00193	J	J	.00363	J	J
Barium		mg/L	.0201			.0196			.0204			.03		
Beryllium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Cadmium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Calcium		mg/L	1.78			1.76			1.84			4.27		
Chromium		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Cobalt		mg/L	.017	J	J	.02	U	U	.0116	J	J	.0146	J	J
Copper		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Iron		mg/L	1.11			.96	J	J	1.04			2.2		
Lead		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Magnesium		mg/L	.677	J	J	.69	J	J	.721	J	J	2.3		
Manganese		mg/L	.187			.191			.195			.0234	J	J
Nickel		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Potassium		mg/L	5	U	U	5	U	U	5	U	U	.807	J	J
Selenium		mg/L	.01	U	U	.01	U	U	.01	U	U	.01	U	U
Silver		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Sodium		mg/L	.534	J	B	.538	J	B	.534	J	B	1.07		
Thallium		mg/L	.0037	J	B	.01	U	U	.01	U	U	.01	U	U
Vanadium		mg/L	.02	U	U	.02	U	U	.02	U	U	.02	U	U
Zinc		mg/L	.1	U	U	.1	U	U	.1	U	U	.1	U	U
SW7470A														
Mercury		mg/L	.0005	U	U	.0005	U	U	.0005	U	U	.0005	U	U
NITROAROMATICS														
SW8330														
1,3,5-Trinitrobenzene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
1,3-Dinitrobenzene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2,4,6-Trinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2,4-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

		Location Code:	RNG-109-SW/SD05			RNG-109-SW/SD06		
		Associated Site:	RNG-109			RNG-109		
		Sample No:	NH2005			NH2006		
		Sample Date:	20-FEB-02			20-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS								
SW6010B								
Aluminum		mg/L	1.01			.196	J	J
Antimony		mg/L	.1	U	U	.1	U	U
Arsenic		mg/L	.01	U	U	.01	U	U
Barium		mg/L	.0244			.0306		
Beryllium		mg/L	.01	U	U	.01	U	U
Cadmium		mg/L	.01	U	U	.01	U	U
Calcium		mg/L	2.77			2.17		
Chromium		mg/L	.02	U	U	.02	U	U
Cobalt		mg/L	.02	U	U	.02	U	U
Copper		mg/L	.02	U	U	.02	U	U
Iron		mg/L	.709	J	J	.545	J	J
Lead		mg/L	.01	U	U	.01	U	U
Magnesium		mg/L	1.45			.768	J	J
Manganese		mg/L	.0128	J	J	.127		
Nickel		mg/L	.02	U	U	.02	U	U
Potassium		mg/L	5	U	U	5	U	U
Selenium		mg/L	.01	U	U	.01	U	U
Silver		mg/L	.02	U	U	.02	U	U
Sodium		mg/L	.954	J	J	1.06		
Thallium		mg/L	.00918	J	B	.004	J	B
Vanadium		mg/L	.02	U	U	.02	U	U
Zinc		mg/L	.1	U	U	.1	U	U
SW7470A								
Mercury		mg/L	.0005	U	U	.0005	U	U
NITROAROMATICS								
SW8330								
1,3,5-Trinitrobenzene		mg/L	.0004	U	U	.0004	U	U
1,3-Dinitrobenzene		mg/L	.0004	U	U	.0004	U	U
2,4,6-Trinitrotoluene		mg/L	.0004	U	U	.0004	U	U
2,4-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03			RNG-109-SW/SD04		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH2001			NH2002			NH2003			NH2004		
	Sample Date:		21-FEB-02			21-FEB-02			21-FEB-02			22-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS														
SW8330														
2,6-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
2-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
3-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U	.0006	U	U	.0006	U	U
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
HMX		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
Nitrobenzene		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
RDX		mg/L	.0029			.0025			.0018			.0028		
Tetryl		mg/L	.0004	U	U	.0004	U	U	.0004	U	U	.0004	U	U
p-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U	.0006	U	U	.0006	U	U
SEMIVOLATILES														
SW8270C														
1,2,4-Trichlorobenzene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
1,2-Dichlorobenzene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
1,3-Dichlorobenzene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
1,4-Dichlorobenzene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2,4,5-Trichlorophenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2,4,6-Trichlorophenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2,4-Dichlorophenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2,4-Dimethylphenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2,4-Dinitrophenol		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2,4-Dinitrotoluene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2,6-Dinitrotoluene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2-Chloronaphthalene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2-Chlorophenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2-Methylnaphthalene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2-Methylphenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
2-Nitroaniline		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
2-Nitrophenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
3,3-Dichlorobenzidine		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

		Location Code:	RNG-109-SW/SD05			RNG-109-SW/SD06		
		Associated Site:	RNG-109			RNG-109		
		Sample No:	NH2005			NH2006		
		Sample Date:	20-FEB-02			20-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS								
SW8330								
2,6-Dinitrotoluene		mg/L	.0004	U	U	.0004	U	U
2-Amino-4,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U
2-Nitrotoluene		mg/L	.0004	U	U	.0004	U	U
3-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U
4-Amino-2,6-dinitrotoluene		mg/L	.0004	U	U	.0004	U	U
HMX		mg/L	.0004	U	U	.0004	U	U
Nitrobenzene		mg/L	.0004	U	U	.0004	U	U
RDX		mg/L	.0012			.0004	U	U
Tetryl		mg/L	.0004	U	U	.0004	U	U
p-Nitrotoluene		mg/L	.0006	U	U	.0006	U	U
SEMIVOLATILES								
SW8270C								
1,2,4-Trichlorobenzene		mg/L	.0094	U	U	.0094	U	U
1,2-Dichlorobenzene		mg/L	.0094	U	U	.0094	U	U
1,3-Dichlorobenzene		mg/L	.0094	U	U	.0094	U	U
1,4-Dichlorobenzene		mg/L	.0094	U	U	.0094	U	U
2,4,5-Trichlorophenol		mg/L	.0094	U	U	.0094	U	U
2,4,6-Trichlorophenol		mg/L	.0094	U	U	.0094	U	U
2,4-Dichlorophenol		mg/L	.0094	U	U	.0094	U	U
2,4-Dimethylphenol		mg/L	.0094	U	U	.0094	U	U
2,4-Dinitrophenol		mg/L	.019	U	U	.019	U	U
2,4-Dinitrotoluene		mg/L	.019	U	U	.019	U	U
2,6-Dinitrotoluene		mg/L	.019	U	U	.019	U	U
2-Chloronaphthalene		mg/L	.0094	U	U	.0094	U	U
2-Chlorophenol		mg/L	.0094	U	U	.0094	U	U
2-Methylnaphthalene		mg/L	.0094	U	U	.0094	U	U
2-Methylphenol		mg/L	.0094	U	U	.0094	U	U
2-Nitroaniline		mg/L	.019	U	U	.019	U	U
2-Nitrophenol		mg/L	.0094	U	U	.0094	U	U
3,3-Dichlorobenzidine		mg/L	.0094	U	U	.0094	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

		Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03			RNG-109-SW/SD04		
		Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
		Sample No:	NH2001			NH2002			NH2003			NH2004		
		Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			22-FEB-02		
User Test Group														
Lab Method														
Parameter	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
3-Nitroaniline		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
4,6-Dinitro-2-methylphenol		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
4-Bromophenyl phenyl ether		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
4-Chloro-3-methylphenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
4-Chloroaniline		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
4-Chlorophenyl phenyl ether		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
4-Methylphenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
4-Nitroaniline		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
4-Nitrophenol		mg/L	.0094	U	UJ	.0094	U	UJ	.0095	U	UJ	.0094	U	UJ
Acenaphthene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Acenaphthylene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Anthracene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Benzo(a)anthracene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Benzo(a)pyrene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Benzo(b)fluoranthene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Benzo(ghi)perylene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Benzo(k)fluoranthene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Butyl benzyl phthalate		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Carbazole		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Chrysene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Di-n-butyl phthalate		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Di-n-octyl phthalate		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Dibenz(a,h)anthracene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Dibenzofuran		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Diethyl phthalate		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Dimethyl phthalate		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Fluoranthene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Fluorene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Hexachlorobenzene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Hexachlorobutadiene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Hexachlorocyclopentadiene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

		Location Code:	RNG-109-SW/SD05			RNG-109-SW/SD06		
		Associated Site:	RNG-109			RNG-109		
		Sample No:	NH2005			NH2006		
		Sample Date:	20-FEB-02			20-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES								
SW8270C								
3-Nitroaniline		mg/L	.0094	U	U	.0094	U	U
4,6-Dinitro-2-methylphenol		mg/L	.019	U	U	.019	U	U
4-Bromophenyl phenyl ether		mg/L	.019	U	U	.019	U	U
4-Chloro-3-methylphenol		mg/L	.0094	U	U	.0094	U	U
4-Chloroaniline		mg/L	.0094	U	U	.0094	U	U
4-Chlorophenyl phenyl ether		mg/L	.0094	U	U	.0094	U	U
4-Methylphenol		mg/L	.0094	U	U	.0094	U	U
4-Nitroaniline		mg/L	.0094	U	U	.0094	U	U
4-Nitrophenol		mg/L	.0094	U	UJ	.0094	U	UJ
Acenaphthene		mg/L	.0094	U	U	.0094	U	U
Acenaphthylene		mg/L	.0094	U	U	.0094	U	U
Anthracene		mg/L	.0094	U	U	.0094	U	U
Benzo(a)anthracene		mg/L	.0094	U	U	.0094	U	U
Benzo(a)pyrene		mg/L	.0094	U	U	.0094	U	U
Benzo(b)fluoranthene		mg/L	.0094	U	U	.0094	U	U
Benzo(ghi)perylene		mg/L	.0094	U	U	.0094	U	U
Benzo(k)fluoranthene		mg/L	.0094	U	U	.0094	U	U
Butyl benzyl phthalate		mg/L	.0094	U	U	.0094	U	U
Carbazole		mg/L	.0094	U	U	.0094	U	U
Chrysene		mg/L	.0094	U	U	.0094	U	U
Di-n-butyl phthalate		mg/L	.0094	U	U	.0094	U	U
Di-n-octyl phthalate		mg/L	.0094	U	U	.0094	U	U
Dibenz(a,h)anthracene		mg/L	.0094	U	U	.0094	U	U
Dibenzofuran		mg/L	.0094	U	U	.0094	U	U
Diethyl phthalate		mg/L	.019	U	U	.019	U	U
Dimethyl phthalate		mg/L	.019	U	U	.019	U	U
Fluoranthene		mg/L	.0094	U	U	.0094	U	U
Fluorene		mg/L	.0094	U	U	.0094	U	U
Hexachlorobenzene		mg/L	.019	U	U	.019	U	U
Hexachlorobutadiene		mg/L	.0094	U	U	.0094	U	U
Hexachlorocyclopentadiene		mg/L	.0094	U	U	.0094	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

	Location Code:		RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03			RNG-109-SW/SD04		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH2001			NH2002			NH2003			NH2004		
	Sample Date:		21-FEB-02			21-FEB-02			21-FEB-02			22-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES														
SW8270C														
Hexachloroethane		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Isophorone		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Naphthalene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Nitrobenzene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Pentachlorophenol		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Phenanthrene		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
Phenol		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
Pyrene		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
bis(2-Chloroethoxy)methane		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
bis(2-Chloroethyl)ether		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
bis(2-Chloroisopropyl)ether		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
bis(2-Ethylhexyl)phthalate		mg/L	.019	U	U	.019	U	U	.019	U	U	.019	U	U
n-Nitroso-di-n-propylamine		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
n-Nitrosodiphenylamine		mg/L	.0094	U	U	.0094	U	U	.0095	U	U	.0094	U	U
VOLATILES														
SW8260B														
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	UJ
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	R	.002	U	R	.002	U	R
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

		Location Code:	RNG-109-SW/SD05			RNG-109-SW/SD06		
		Associated Site:	RNG-109			RNG-109		
		Sample No:	NH2005			NH2006		
		Sample Date:	20-FEB-02			20-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES								
SW8270C								
Hexachloroethane		mg/L	.0094	U	U	.0094	U	U
Indeno(1,2,3-cd)pyrene		mg/L	.0094	U	U	.0094	U	U
Isophorone		mg/L	.0094	U	U	.0094	U	U
Naphthalene		mg/L	.0094	U	U	.0094	U	U
Nitrobenzene		mg/L	.0094	U	U	.0094	U	U
Pentachlorophenol		mg/L	.019	U	U	.019	U	U
Phenanthrene		mg/L	.019	U	U	.019	U	U
Phenol		mg/L	.0094	U	U	.0094	U	U
Pyrene		mg/L	.0094	U	U	.0094	U	U
bis(2-Chloroethoxy)methane		mg/L	.0094	U	U	.0094	U	U
bis(2-Chloroethyl)ether		mg/L	.0094	U	U	.0094	U	U
bis(2-Chloroisopropyl)ether		mg/L	.0094	U	U	.0094	U	U
bis(2-Ethylhexyl)phthalate		mg/L	.019	U	U	.019	U	U
n-Nitroso-di-n-propylamine		mg/L	.0094	U	U	.0094	U	U
n-Nitrosodiphenylamine		mg/L	.0094	U	U	.0094	U	U
VOLATILES								
SW8260B								
1,1,1,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U
1,1,1-Trichloroethane		mg/L	.001	U	U	.001	U	U
1,1,2,2-Tetrachloroethane		mg/L	.001	U	U	.001	U	U
1,1,2-Trichloroethane		mg/L	.001	U	U	.001	U	U
1,1-Dichloroethane		mg/L	.001	U	U	.001	U	U
1,1-Dichloroethene		mg/L	.001	U	U	.001	U	U
1,1-Dichloropropene		mg/L	.001	U	U	.001	U	U
1,2,3-Trichlorobenzene		mg/L	.001	U	U	.001	U	U
1,2,3-Trichloropropane		mg/L	.001	U	U	.001	U	UJ
1,2,4-Trichlorobenzene		mg/L	.001	U	U	.001	U	U
1,2,4-Trimethylbenzene		mg/L	.001	U	U	.001	U	U
1,2-Dibromo-3-Chloropropane		mg/L	.002	U	R	.002	U	R
1,2-Dibromoethane		mg/L	.001	U	U	.001	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03			RNG-109-SW/SD04		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH2001			NH2002			NH2003			NH2004		
	Sample Date:		21-FEB-02			21-FEB-02			21-FEB-02			22-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
4-Methyl-2-pentanone		mg/L	.01	U	R	.01	U	R	.01	U	R	.01	U	R
Acetone		mg/L	.01	U	R	.01	U	R	.018		J	.023		J
Benzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromoform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Chloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Cumene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Ethylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Methylene chloride		mg/L	.002	U	U	.002	U	U	.00023	J	B	.002	U	U

		Location Code:	RNG-109-SW/SD05			RNG-109-SW/SD06		
		Associated Site:	RNG-109			RNG-109		
		Sample No:	NH2005			NH2006		
		Sample Date:	20-FEB-02			20-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
1,2-Dichlorobenzene		mg/L	.001	U	U	.001	U	U
1,2-Dichloroethane		mg/L	.001	U	U	.001	U	U
1,2-Dichloropropane		mg/L	.001	U	U	.001	U	U
1,2-Dimethylbenzene		mg/L	.001	U	U	.001	U	U
1,3,5-Trimethylbenzene		mg/L	.001	U	U	.001	U	U
1,3-Dichlorobenzene		mg/L	.001	U	U	.001	U	U
1,3-Dichloropropane		mg/L	.001	U	U	.001	U	U
1,4-Dichlorobenzene		mg/L	.005	U	U	.005	U	U
2-Butanone		mg/L	.01	U	R	.01	U	R
2-Hexanone		mg/L	.01	U	R	.01	U	R
4-Methyl-2-pentanone		mg/L	.01	U	R	.01	U	R
Acetone		mg/L	.01	U	R	.025		J
Benzene		mg/L	.001	U	U	.001	U	U
Bromobenzene		mg/L	.001	U	U	.001	U	U
Bromochloromethane		mg/L	.001	U	U	.001	U	U
Bromodichloromethane		mg/L	.001	U	U	.001	U	U
Bromoform		mg/L	.001	U	U	.001	U	U
Bromomethane		mg/L	.001	U	U	.001	U	U
Carbon disulfide		mg/L	.001	U	U	.001	U	U
Carbon tetrachloride		mg/L	.001	U	U	.001	U	U
Chlorobenzene		mg/L	.001	U	U	.001	U	U
Chloroethane		mg/L	.001	U	U	.001	U	U
Chloroform		mg/L	.001	U	U	.001	U	U
Chloromethane		mg/L	.001	U	U	.001	U	U
Cumene		mg/L	.001	U	U	.001	U	U
Dibromochloromethane		mg/L	.001	U	U	.001	U	U
Dibromomethane		mg/L	.001	U	U	.001	U	U
Dichlorodifluoromethane		mg/L	.001	U	U	.001	U	U
Ethylbenzene		mg/L	.001	U	U	.001	U	U
Hexachlorobutadiene		mg/L	.001	U	U	.001	U	U
Methylene chloride		mg/L	.00023	J	B	.002	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03			RNG-109-SW/SD04		
	Associated Site:		RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:		NH2001			NH2002			NH2003			NH2004		
	Sample Date:		21-FEB-02			21-FEB-02			21-FEB-02			22-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES														
SW8260B														
Naphthalene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U	.002	U	U	.002	U	U
n-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
n-Propylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U
trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U	.001	U	U	.001	U	U

Summary of Validated Surface Water Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:		RNG-109-SW/SD05			RNG-109-SW/SD06		
	Associated Site:		RNG-109			RNG-109		
	Sample No:		NH2005			NH2006		
	Sample Date:		20-FEB-02			20-FEB-02		
User Test Group / *Lab Method* / *Parameter*	*Flt*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES								
SW8260B								
Naphthalene		mg/L	.001	U	U	.001	U	U
Styrene		mg/L	.001	U	U	.001	U	U
Tetrachloroethene		mg/L	.001	U	U	.001	U	U
Toluene		mg/L	.001	U	U	.001	U	U
Trichloroethene		mg/L	.001	U	U	.001	U	U
Trichlorofluoromethane		mg/L	.001	U	U	.001	U	U
Vinyl chloride		mg/L	.001	U	U	.001	U	U
cis-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U
cis-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U
m,p-Xylenes		mg/L	.002	U	U	.002	U	U
n-Butylbenzene		mg/L	.001	U	U	.001	U	U
n-Propylbenzene		mg/L	.001	U	U	.001	U	U
o-Chlorotoluene		mg/L	.001	U	U	.001	U	U
p-Chlorotoluene		mg/L	.001	U	U	.001	U	U
p-Cymene		mg/L	.001	U	U	.001	U	U
sec-Butylbenzene		mg/L	.001	U	U	.001	U	U
sec-Dichloropropane		mg/L	.001	U	U	.001	U	U
tert-Butylbenzene		mg/L	.001	U	U	.001	U	U
trans-1,2-Dichloroethene		mg/L	.001	U	U	.001	U	U
trans-1,3-Dichloropropene		mg/L	.001	U	U	.001	U	U

SEDIMENT

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH1001			NH1002			NH1003			NH1004		
	Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			21-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS													
SW6010B													
Aluminum	mg/kg	3900		J	4410		J	6800		J	7870		J
Antimony	mg/kg	11.9	U	UJ	12.2	U	UJ	13	U	UJ	12.6	U	UJ
Arsenic	mg/kg	7.51		J	18.1		J	6.6		J	10.4		J
Barium	mg/kg	9.2		J	6.88		J	25.7		J	22.1		J
Beryllium	mg/kg	1.19	U	U	1.22	U	U	1.3	U	U	1.26	U	U
Cadmium	mg/kg	1.19	U	U	1.22	U	U	1.3	U	U	1.26	U	U
Calcium	mg/kg	70.6	J	J	59.5	J	J	115	J	J	113	J	J
Chromium	mg/kg	6.61		J	22		J	8.93			15.8		
Cobalt	mg/kg	1.61	J	J	2.22	J	J	7.26			8.07		
Copper	mg/kg	10.8			13.3			10.3			9.83		
Iron	mg/kg	8060		J	28200		J	9010		J	14700		J
Lead	mg/kg	4.2		J	14.5		J	10.7		J	10.2		J
Magnesium	mg/kg	194		J	104	J	J	315			355		
Manganese	mg/kg	83.1		J	206		J	438		J	420		J
Nickel	mg/kg	2.09	J	J	.703	J	J	4.44			5.86		
Potassium	mg/kg	202	J	J	139	J	J	232	J	J	285	J	J
Selenium	mg/kg	1.19	U	U	1.08	J	J	.667	J	J	1.26	U	U
Silver	mg/kg	2.38	U	U	2.43	U	U	2.6	U	U	2.53	U	U
Sodium	mg/kg	37.2	J	J	38	J	J	46.6	J	J	50	J	J
Thallium	mg/kg	2.38	U	U	2.43	U	U	2.6	U	U	2.53	U	U
Vanadium	mg/kg	12.8		J	45.2		J	15.2			23		
Zinc	mg/kg	11		J	10.9		J	20.7		J	23.6		J
SW7471A													
Mercury	mg/kg	.119	U	U	.122	U	U	.13	U	U	.126	U	U
NITROAROMATICS													
SW8330													
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD04			RNG-109-SW/SD05			RNG-109-SW/SD06		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH1005			NH1006			NH1007		
	Sample Date:	22-FEB-02			20-FEB-02			20-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5		
Lab Method										
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
METALS										
SW6010B										
Aluminum	mg/kg	10300		J	13500		J	11300		J
Antimony	mg/kg	13.3	U	UJ	14	U	UJ	15.5	U	UJ
Arsenic	mg/kg	7.96		J	9.65		J	5.56		J
Barium	mg/kg	78.4		J	51.6		J	55.2		J
Beryllium	mg/kg	.674	J	J	1.4	U	U	1.55	U	U
Cadmium	mg/kg	1.33	U	U	1.4	U	U	1.55	U	U
Calcium	mg/kg	1360			434			216		
Chromium	mg/kg	8.16			10.5			9.96		
Cobalt	mg/kg	7.13			5			3.03	J	J
Copper	mg/kg	7.99			16.9			12		
Iron	mg/kg	10200		J	13500		J	8610		J
Lead	mg/kg	18.1		J	13		J	13.7		J
Magnesium	mg/kg	738			676			526		
Manganese	mg/kg	1130		J	419		J	72		J
Nickel	mg/kg	8.44			8.49			7.61		
Potassium	mg/kg	238	J	J	450	J	J	479	J	J
Selenium	mg/kg	1.33	U	U	.758	J	J	.897	J	J
Silver	mg/kg	2.67	U	U	2.8	U	U	3.1	U	U
Sodium	mg/kg	43.9	J	J	48.9	J	J	53.5	J	J
Thallium	mg/kg	2.67	U	U	2.8	U	U	3.1	U	U
Vanadium	mg/kg	19.8			25			21.2		
Zinc	mg/kg	34.4		J	39		J	36.7		J
SW7471A										
Mercury	mg/kg	.0427	J	J	.14	U	U	.155	U	U
NITROAROMATICS										
SW8330										
1,3,5-Trinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U
1,3-Dinitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2,4,6-Trinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2,4-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH1001			NH1002			NH1003			NH1004		
	Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			21-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS													
SW8330													
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES													
SW8270C													
1,2,4-Trichlorobenzene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
1,2-Dichlorobenzene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
1,3-Dichlorobenzene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
1,4-Dichlorobenzene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2,4,5-Trichlorophenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2,4,6-Trichlorophenol	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
2,4-Dichlorophenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2,4-Dimethylphenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2,4-Dinitrophenol	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
2,4-Dinitrotoluene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2,6-Dinitrotoluene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2-Chloronaphthalene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2-Chlorophenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2-Methylnaphthalene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2-Methylphenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
2-Nitroaniline	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
2-Nitrophenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
3,3-Dichlorobenzidine	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD04			RNG-109-SW/SD05			RNG-109-SW/SD06		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH1005			NH1006			NH1007		
	Sample Date:	22-FEB-02			20-FEB-02			20-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
NITROAROMATICS										
SW8330										
2,6-Dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2-Amino-4,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
2-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
3-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
4-Amino-2,6-dinitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
HMX	mg/kg	.4	U	U	.4	U	U	.4	U	U
Nitrobenzene	mg/kg	.4	U	U	.4	U	U	.4	U	U
RDX	mg/kg	.4	U	U	.4	U	U	.4	U	U
Tetryl	mg/kg	.4	U	U	.4	U	U	.4	U	U
p-Nitrotoluene	mg/kg	.4	U	U	.4	U	U	.4	U	U
SEMIVOLATILES										
SW8270C										
1,2,4-Trichlorobenzene	mg/kg	.44	U	U	.46	U	U	.51	U	U
1,2-Dichlorobenzene	mg/kg	.44	U	U	.46	U	U	.51	U	U
1,3-Dichlorobenzene	mg/kg	.44	U	U	.46	U	U	.51	U	U
1,4-Dichlorobenzene	mg/kg	.44	U	U	.46	U	U	.51	U	U
2,4,5-Trichlorophenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
2,4,6-Trichlorophenol	mg/kg	.84	U	U	.88	U	U	.98	U	U
2,4-Dichlorophenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
2,4-Dimethylphenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
2,4-Dinitrophenol	mg/kg	.84	U	U	.88	U	U	.98	U	U
2,4-Dinitrotoluene	mg/kg	.44	U	U	.46	U	U	.51	U	U
2,6-Dinitrotoluene	mg/kg	.44	U	U	.46	U	U	.51	U	U
2-Chloronaphthalene	mg/kg	.44	U	U	.46	U	U	.51	U	U
2-Chlorophenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
2-Methylnaphthalene	mg/kg	.44	U	U	.46	U	U	.51	U	U
2-Methylphenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
2-Nitroaniline	mg/kg	.84	U	U	.88	U	U	.98	U	U
2-Nitrophenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
3,3-Dichlorobenzidine	mg/kg	.84	U	U	.88	U	U	.98	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH1001			NH1002			NH1003			NH1004		
	Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			21-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
3-Nitroaniline	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
4-Bromophenyl phenyl ether	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
4-Chloro-3-methylphenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
4-Chloroaniline	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
4-Chlorophenyl phenyl ether	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
4-Methylphenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
4-Nitroaniline	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
4-Nitrophenol	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
Acenaphthene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Acenaphthylene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Anthracene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Benzo(a)anthracene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Benzo(a)pyrene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Benzo(b)fluoranthene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Benzo(ghi)perylene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Benzo(k)fluoranthene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Butyl benzyl phthalate	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Carbazole	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Chrysene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Di-n-butyl phthalate	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Di-n-octyl phthalate	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Dibenz(a,h)anthracene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Dibenzofuran	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Diethyl phthalate	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Dimethyl phthalate	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Fluoranthene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Fluorene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Hexachlorobenzene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Hexachlorobutadiene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Hexachlorocyclopentadiene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD04			RNG-109-SW/SD05			RNG-109-SW/SD06		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH1005			NH1006			NH1007		
	Sample Date:	22-FEB-02			20-FEB-02			20-FEB-02		
User Test Group	Sample Depth:	0 - .5			0 - .5			0 - .5		
Lab Method										
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
SEMIVOLATILES										
SW8270C										
3-Nitroaniline	mg/kg	.84	U	U	.88	U	U	.98	U	U
4,6-Dinitro-2-methylphenol	mg/kg	.84	U	U	.88	U	U	.98	U	U
4-Bromophenyl phenyl ether	mg/kg	.44	U	U	.46	U	U	.51	U	U
4-Chloro-3-methylphenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
4-Chloroaniline	mg/kg	.44	U	U	.46	U	U	.51	U	U
4-Chlorophenyl phenyl ether	mg/kg	.44	U	U	.46	U	U	.51	U	U
4-Methylphenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
4-Nitroaniline	mg/kg	.44	U	U	.46	U	U	.51	U	U
4-Nitrophenol	mg/kg	.84	U	U	.88	U	U	.98	U	U
Acenaphthene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Acenaphthylene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Anthracene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Benzo(a)anthracene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Benzo(a)pyrene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Benzo(b)fluoranthene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Benzo(ghi)perylene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Benzo(k)fluoranthene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Butyl benzyl phthalate	mg/kg	.44	U	U	.46	U	U	.51	U	U
Carbazole	mg/kg	.44	U	U	.46	U	U	.51	U	U
Chrysene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Di-n-butyl phthalate	mg/kg	.44	U	U	.46	U	U	.51	U	U
Di-n-octyl phthalate	mg/kg	.44	U	U	.46	U	U	.51	U	U
Dibenz(a,h)anthracene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Dibenzofuran	mg/kg	.44	U	U	.46	U	U	.51	U	U
Diethyl phthalate	mg/kg	.44	U	U	.46	U	U	.51	U	U
Dimethyl phthalate	mg/kg	.44	U	U	.46	U	U	.51	U	U
Fluoranthene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Fluorene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Hexachlorobenzene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Hexachlorobutadiene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Hexachlorocyclopentadiene	mg/kg	.44	U	U	.46	U	U	.51	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH1001			NH1002			NH1003			NH1004		
	Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			21-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5			0 - .5		
Lab Method													
Parameter	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
SEMIVOLATILES													
SW8270C													
Hexachloroethane	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Isophorone	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Naphthalene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Nitrobenzene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Pentachlorophenol	mg/kg	.75	U	U	.77	U	U	.82	U	U	.8	U	U
Phenanthrene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Phenol	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
Pyrene	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
bis(2-Chloroethoxy)methane	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
bis(2-Chloroethyl)ether	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
n-Nitroso-di-n-propylamine	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
n-Nitrosodiphenylamine	mg/kg	.39	U	U	.4	U	U	.43	U	U	.42	U	U
TOC													
SW9060													
Total Organic Carbon	mg/kg	53.1						78.9			78.4		
VOLATILES													
SW8260B													
1,1,1,2-Tetrachloroethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,1,1-Trichloroethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,1,2-Trichloroethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,1-Dichloroethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,1-Dichloroethene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,1-Dichloropropene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2,3-Trichlorobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2,3-Trichloropropane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2,4-Trichlorobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

User Test Group / Lab Method / Parameter	Units	RNG-109-SW/SD04 Result	Qual	VQual	RNG-109-SW/SD05 Result	Qual	VQual	RNG-109-SW/SD06 Result	Qual	VQual
Associated Site:		RNG-109			RNG-109			RNG-109		
Sample No:		NH1005			NH1006			NH1007		
Sample Date:		22-FEB-02			20-FEB-02			20-FEB-02		
Sample Depth:		0 - .5			0 - .5			0 - .5		
SEMIVOLATILES										
SW8270C										
Hexachloroethane	mg/kg	.44	U	U	.46	U	U	.51	U	U
Indeno(1,2,3-cd)pyrene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Isophorone	mg/kg	.44	U	U	.46	U	U	.51	U	U
Naphthalene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Nitrobenzene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Pentachlorophenol	mg/kg	.84	U	U	.88	U	U	.98	U	U
Phenanthrene	mg/kg	.44	U	U	.46	U	U	.51	U	U
Phenol	mg/kg	.44	U	U	.46	U	U	.51	U	U
Pyrene	mg/kg	.44	U	U	.46	U	U	.51	U	U
bis(2-Chloroethoxy)methane	mg/kg	.44	U	U	.46	U	U	.51	U	U
bis(2-Chloroethyl)ether	mg/kg	.44	U	U	.46	U	U	.51	U	U
bis(2-Chloroisopropyl)ether	mg/kg	.44	U	U	.46	U	U	.51	U	U
bis(2-Ethylhexyl)phthalate	mg/kg	.44	U	U	.46	U	U	.51	U	U
n-Nitroso-di-n-propylamine	mg/kg	.44	U	U	.46	U	U	.51	U	U
n-Nitrosodiphenylamine	mg/kg	.44	U	U	.46	U	U	.51	U	U
TOC										
SW9060										
Total Organic Carbon	mg/kg	77.6			105			127		
VOLATILES										
SW8260B										
1,1,1,2-Tetrachloroethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,1,1-Trichloroethane	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
1,1,2,2-Tetrachloroethane	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
1,1,2-Trichloroethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,1-Dichloroethane	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
1,1-Dichloroethene	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
1,1-Dichloropropene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,2,3-Trichlorobenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
1,2,3-Trichloropropane	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
1,2,4-Trichlorobenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH1001			NH1002			NH1003			NH1004		
	Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			21-FEB-02		
User Test Group / Lab Method	Sample Depth:	0 - .5			0 - .5			0 - .5			0 - .5		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
1,2,4-Trimethylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2-Dibromo-3-Chloropropane	mg/kg	.011	U	U	.011	U	U	.012	U	U	.011	U	U
1,2-Dibromoethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2-Dichlorobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2-Dichloroethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2-Dichloropropane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,2-Dimethylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,3,5-Trimethylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,3-Dichlorobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,3-Dichloropropane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
1,4-Dichlorobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
2-Butanone	mg/kg	.022	U	U	.022	U	U	.017	J	J	.033		
2-Hexanone	mg/kg	.022	U	U	.022	U	U	.024	U	U	.023	U	U
4-Methyl-2-pentanone	mg/kg	.022	U	U	.022	U	U	.024	U	U	.023	U	U
Acetone	mg/kg	.025		B	.053		B	.099		B	.17		
Benzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Bromobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Bromochloromethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Bromodichloromethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Bromoform	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Bromomethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Carbon disulfide	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Carbon tetrachloride	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Chlorobenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Chloroethane	mg/kg	.011	U	U	.011	U	U	.012	U	U	.011	U	U
Chloroform	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Chloromethane	mg/kg	.0055	U	UJ	.0054	U	UJ	.0061	U	UJ	.0057	U	UJ
Cumene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Dibromochloromethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Dibromomethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Dichlorodifluoromethane	mg/kg	.011	U	UJ	.011	U	UJ	.012	U	UJ	.011	U	UJ

	Location Code:	RNG-109-SW/SD04			RNG-109-SW/SD05			RNG-109-SW/SD06		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH1005			NH1006			NH1007		
	Sample Date:	22-FEB-02			20-FEB-02			20-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES										
SW8260B										
1,2,4-Trimethylbenzene	mg/kg	.0061	U	UJ	.0018	J	J	.0085	U	UJ
1,2-Dibromo-3-Chloropropane	mg/kg	.012	U	UJ	.013	U	UJ	.017	U	UJ
1,2-Dibromoethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,2-Dichlorobenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
1,2-Dichloroethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,2-Dichloropropane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,2-Dimethylbenzene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,3,5-Trimethylbenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
1,3-Dichlorobenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
1,3-Dichloropropane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
1,4-Dichlorobenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
2-Butanone	mg/kg	.019	J	J	.015	J	J	.034	U	U
2-Hexanone	mg/kg	.024	U	UJ	.027	U	U	.034	U	U
4-Methyl-2-pentanone	mg/kg	.024	U	UJ	.027	U	U	.034	U	U
Acetone	mg/kg	.17			.12		B	.034	U	U
Benzene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Bromobenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
Bromochloromethane	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
Bromodichloromethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Bromoform	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
Bromomethane	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
Carbon disulfide	mg/kg	.0028	J	J	.0067	U	U	.0085	U	U
Carbon tetrachloride	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Chlorobenzene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Chloroethane	mg/kg	.012	U	U	.013	U	U	.017	U	U
Chloroform	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
Chloromethane	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
Cumene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
Dibromochloromethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Dibromomethane	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Dichlorodifluoromethane	mg/kg	.012	U	UJ	.013	U	UJ	.017	U	UJ

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD01			RNG-109-SW/SD01			RNG-109-SW/SD02			RNG-109-SW/SD03		
	Associated Site:	RNG-109			RNG-109			RNG-109			RNG-109		
	Sample No:	NH1001			NH1002			NH1003			NH1004		
	Sample Date:	21-FEB-02			21-FEB-02			21-FEB-02			21-FEB-02		
User Test Group / Lab Method	Sample Depth:	0 - .5			0 - .5			0 - .5			0 - .5		
Parameter	Units	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual	Result	Qual	VQual
VOLATILES													
SW8260B													
Ethylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Hexachlorobutadiene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Methylene chloride	mg/kg	.002	J	B	.0019	J	B	.0022	J	B	.002	J	B
Naphthalene	mg/kg	.011	U	U	.011	U	U	.012	U	U	.011	U	U
Styrene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Tetrachloroethene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Toluene	mg/kg	.0055	U	U	.0017	J	J	.0013	J	J	.0018	J	J
Trichloroethene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Trichlorofluoromethane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
Vinyl chloride	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
cis-1,2-Dichloroethene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
cis-1,3-Dichloropropene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
m,p-Xylenes	mg/kg	.011	U	U	.011	U	U	.012	U	U	.0017	J	J
n-Butylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
n-Propylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
o-Chlorotoluene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
p-Chlorotoluene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
p-Cymene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
sec-Butylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
sec-Dichloropropane	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
tert-Butylbenzene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
trans-1,2-Dichloroethene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U
trans-1,3-Dichloropropene	mg/kg	.0055	U	U	.0054	U	U	.0061	U	U	.0057	U	U

Summary of Validated Sediment Data
Range 23A, Multipurpose Range (Parcel 109)
Fort McClellan, Alabama

Report Date: 06/24/02

	Location Code:	RNG-109-SW/SD04			RNG-109-SW/SD05			RNG-109-SW/SD06		
	Associated Site:	RNG-109			RNG-109			RNG-109		
	Sample No:	NH1005			NH1006			NH1007		
	Sample Date:	22-FEB-02			20-FEB-02			20-FEB-02		
User Test Group	*Sample Depth:*	0 - .5			0 - .5			0 - .5		
Lab Method *Parameter*	*Units*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*	*Result*	*Qual*	*VQual*
VOLATILES										
SW8260B										
Ethylbenzene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Hexachlorobutadiene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
Methylene chloride	mg/kg	.002	J	B	.013	U	U	.017	U	U
Naphthalene	mg/kg	.012	U	UJ	.013	U	UJ	.017	U	UJ
Styrene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Tetrachloroethene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Toluene	mg/kg	.0028	J	J	.0029	J	J	.0046	J	J
Trichloroethene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
Trichlorofluoromethane	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
Vinyl chloride	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
cis-1,2-Dichloroethene	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
cis-1,3-Dichloropropene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U
m,p-Xylenes	mg/kg	.012	U	UJ	.0024	J	J	.017	U	U
n-Butylbenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
n-Propylbenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
o-Chlorotoluene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
p-Chlorotoluene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
p-Cymene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
sec-Butylbenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
sec-Dichloropropane	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
tert-Butylbenzene	mg/kg	.0061	U	UJ	.0067	U	UJ	.0085	U	UJ
trans-1,2-Dichloroethene	mg/kg	.0061	U	U	.0067	U	U	.0085	U	U
trans-1,3-Dichloropropene	mg/kg	.0061	U	UJ	.0067	U	U	.0085	U	U

GRAIN SIZE ANALYSIS

June 17, 2002
Duane Nielsen
Shaw E&I
Fort McClellan
Project No. 774645.11020300

Shaw Geotechnical Laboratory
Oak Ridge TN
865/482-6497

PARTICLE-SIZE ANALYSIS
ASTM D 422

RNG-109-SW/SD01

Project Name	Ft. McClellan	Client Sample No.	NH1001
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9939

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 22.6%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	95.9%
	#4	4.750	81.8%
	#10	2.000	67.4%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	62.0%
	#40	0.425	55.1%
	#60	0.250	36.9%
	#100	0.149	19.0%
	#140	0.106	17.0%
	#200	0.075	16.2%

HYDROMETER ANALYSIS

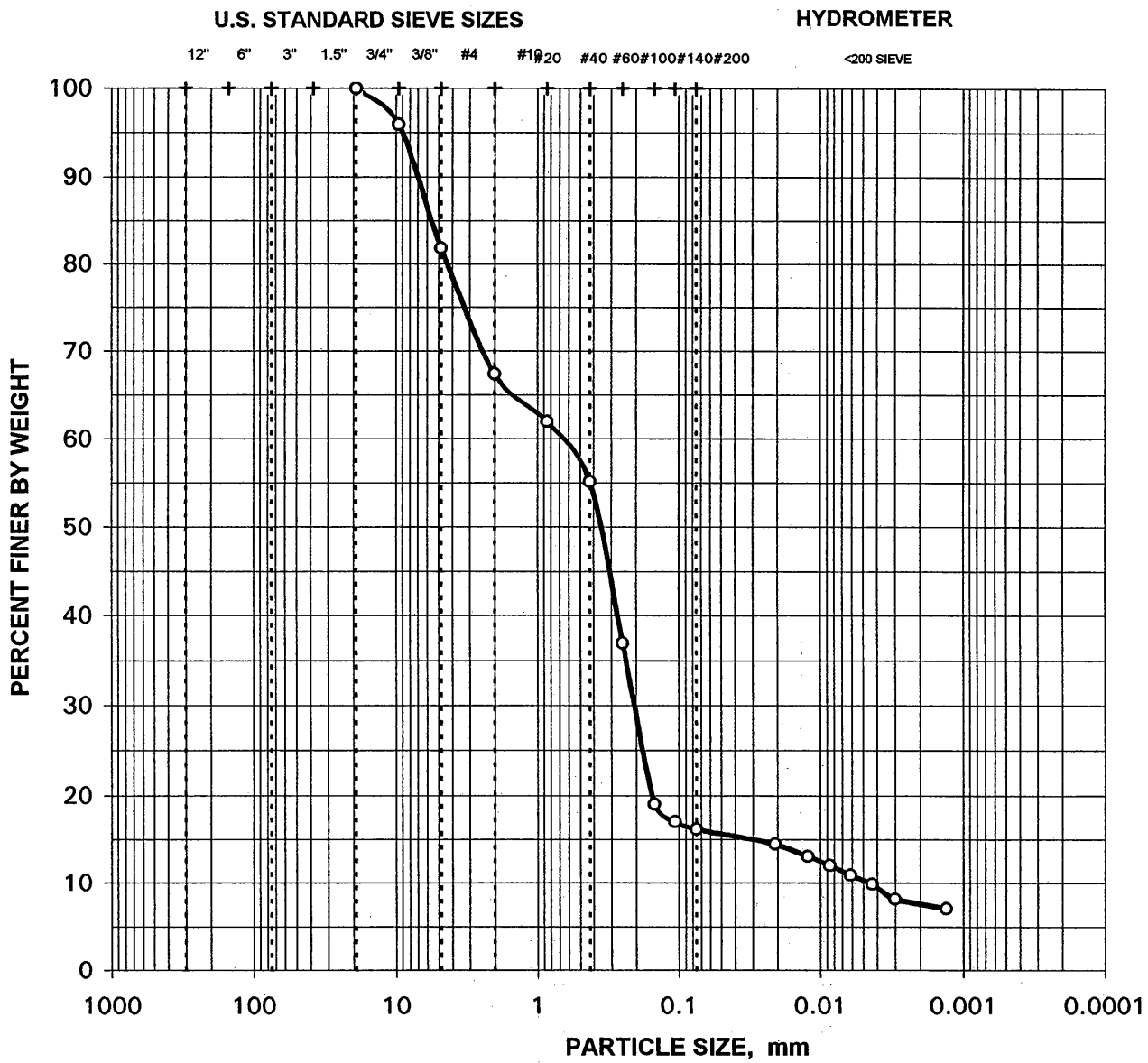
	Diameter mm	Percent Finer
HYDROMETER		
	0.02080	14.5%
	0.01216	13.1%
	0.00858	12.0%
	0.00613	11.0%
	0.00433	9.9%
	0.00300	8.1%
	0.00131	7.1%

18.2% Gravel 65.6% Sand 16.2% Silt/Clay

June 17, 2002
Duane Nielsen
Shaw E&I
Fort McClellan
Project No. 774645.11020300

Shaw Geotechnical Laboratory
Oak Ridge TN
865/482-6497

Ft. McClellan



CLIENT SAMPLE NO.: NH1001

IT LAB SAMPLE NO.: ETDC-9939

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

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PARTICLE-SIZE ANALYSIS
ASTM D 422

RNG-109-SW/SD02

Project Name	Ft. McClellan	Client Sample No.	NH1003
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9940

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 21.1%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	96.8%
	0.375"	9.500	91.7%
	#4	4.750	82.0%
	#10	2.000	72.8%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	67.5%
	#40	0.425	63.1%
	#60	0.250	53.4%
	#100	0.149	40.1%
	#140	0.106	36.2%
	#200	0.075	34.3%

HYDROMETER ANALYSIS

	Diameter mm	Percent Finer
HYDROMETER		
	0.03953	31.0%
	0.02309	30.3%
	0.01453	27.6%
	0.01081	26.1%
	0.00780	23.0%
	0.00568	20.3%
	0.00406	18.0%
	0.00285	14.9%
	0.00128	11.1%

18.0% Gravel 47.6% Sand 34.3% Silt/Clay

June 17, 2002
Duane Nielsen
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Fort McClellan
Project No. 774645.11020300

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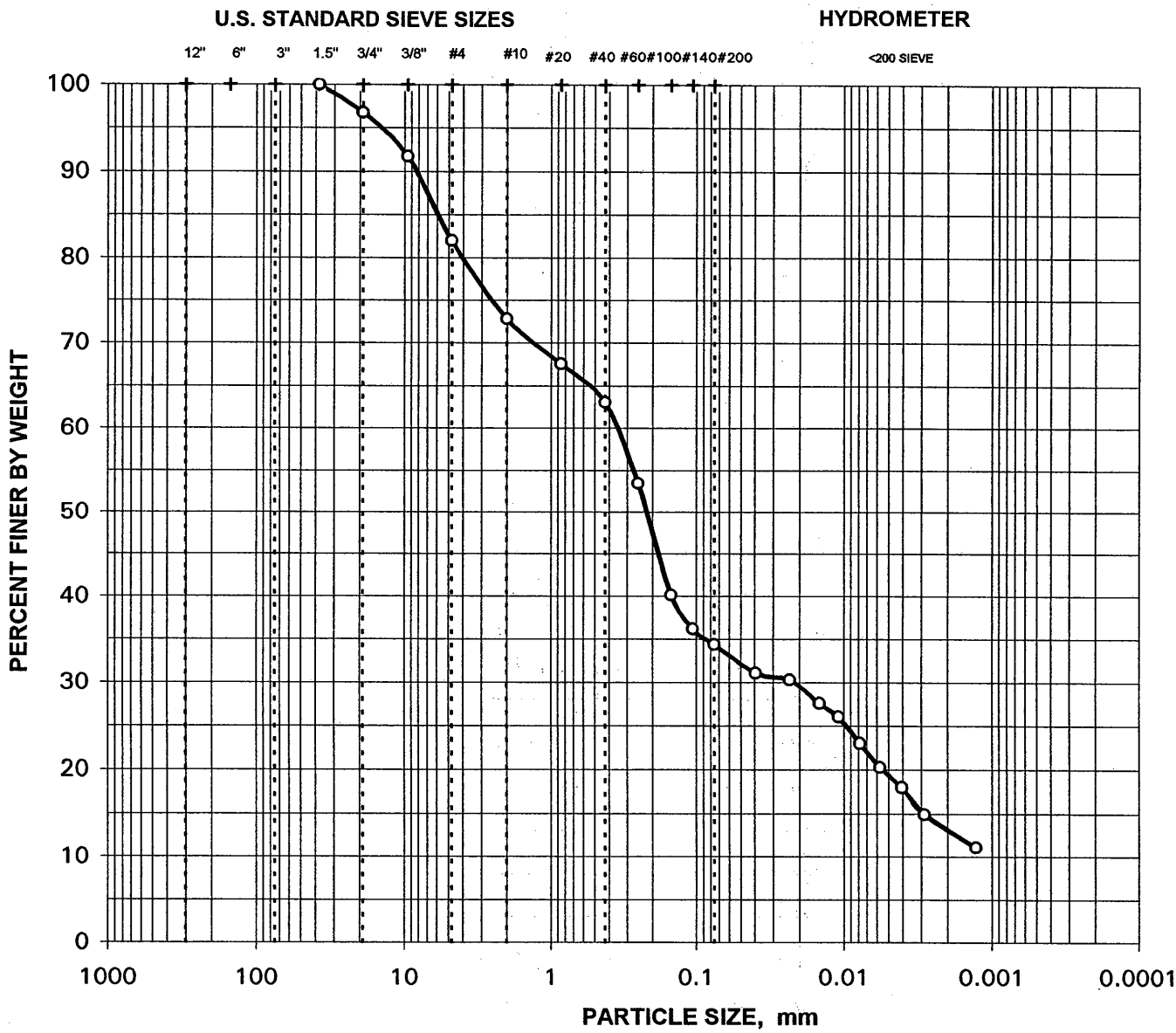
Ft. McClellan



CLIENT SAMPLE NO.: NH1003

IT LAB SAMPLE NO.: ETDC-9940

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

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PARTICLE-SIZE ANALYSIS
ASTM D 422

RNG-109-SW/SD03

Project Name	Ft. McClellan	Client Sample No.	NH1004
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9941

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 6.3%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	97.4%
	#4	4.750	93.7%
	#10	2.000	89.0%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	83.8%
	#40	0.425	78.1%
	#60	0.250	65.8%
	#100	0.149	52.7%
	#140	0.106	49.4%
	#200	0.075	47.9%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.02891	45.5%
	0.01873	42.4%
	0.00916	38.6%
	0.00776	35.5%
	0.00568	33.0%
	0.00406	29.3%
	0.00127	19.3%

6.3% Gravel 45.9% Sand 47.9% Silt/Clay

June 17, 2002
Duane Nielsen
Shaw E&I
Fort McClellan
Project No. 774645.11020300

Shaw Geotechnical Laboratory
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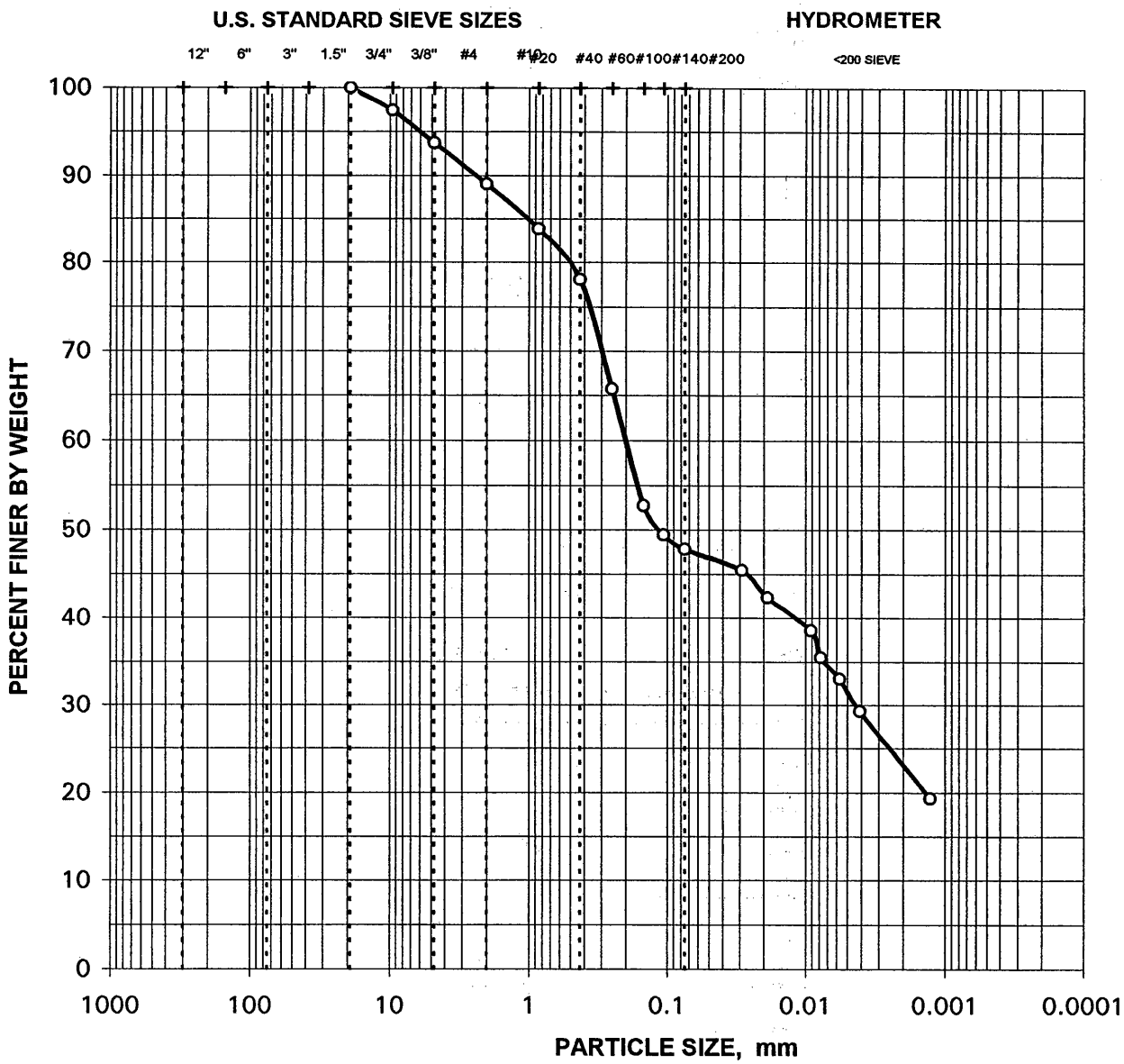
Ft. McClellan



CLIENT SAMPLE NO.: NH1004

IT LAB SAMPLE NO.: ETDC-9941

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

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PARTICLE-SIZE ANALYSIS
ASTM D 422

RNG-109-SW/SD04

Project Name	Ft. McClellan	Client Sample No.	NH1005
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9942

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 33.9%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	95.8%
	0.375"	9.500	89.5%
	#4	4.750	78.2%
	#10	2.000	69.5%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	65.2%
	#40	0.425	60.1%
	#60	0.250	53.7%
	#100	0.149	47.6%
	#140	0.106	45.4%
	#200	0.075	43.9%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.03767	43.1%
	0.02746	40.1%
	0.01807	35.7%
	0.01064	29.9%
	0.00799	26.4%
	0.00582	21.1%
	0.00420	18.1%
	0.00297	13.2%
	0.00132	8.8%

21.8% Gravel 34.3% Sand 43.9% Silt/Clay

June 17, 2002
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Fort McClellan
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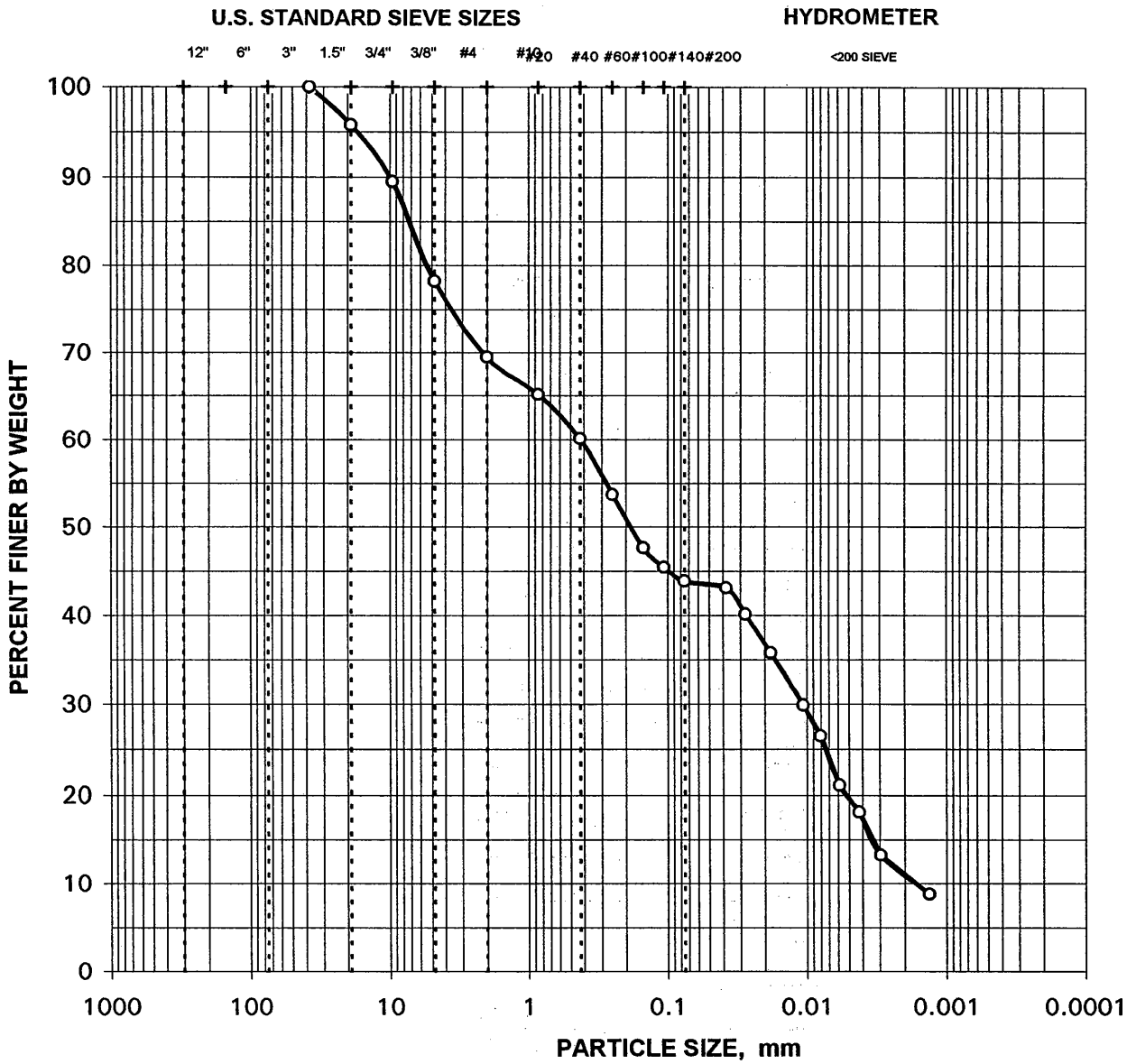
Ft. McClellan



CLIENT SAMPLE NO.: NH1005

IT LAB SAMPLE NO.: ETDC-9942

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

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PARTICLE-SIZE ANALYSIS
ASTM D 422

RNG-109-SW/SD05

Project Name	Ft. McClellan	Client Sample No.	NH1006
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9943

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 47.0%
based on dry sample weight

SIEVE ANALYSIS

	Sieve No.	Diameter mm	Percent Finer
COARSE	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	100.0%
	#10	2.000	99.7%

	Sieve No.	Diameter mm	Percent Finer
FINE	#20	0.850	99.6%
	#40	0.425	99.3%
	#60	0.250	98.8%
	#100	0.149	98.1%
	#140	0.106	97.8%
	#200	0.075	97.5%

HYDROMETER ANALYSIS

	Diameter mm	Percent Finer
HYDROMETER		
	0.02467	96.7%
	0.01290	87.4%
	0.00979	80.9%
	0.00742	67.0%
	0.00546	55.8%
	0.00402	45.6%
	0.00287	34.4%
	0.00129	22.3%

0.0% Gravel 2.5% Sand 97.5% Silt/Clay

June 17, 2002
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Fort McClellan
Project No. 774645.11020300

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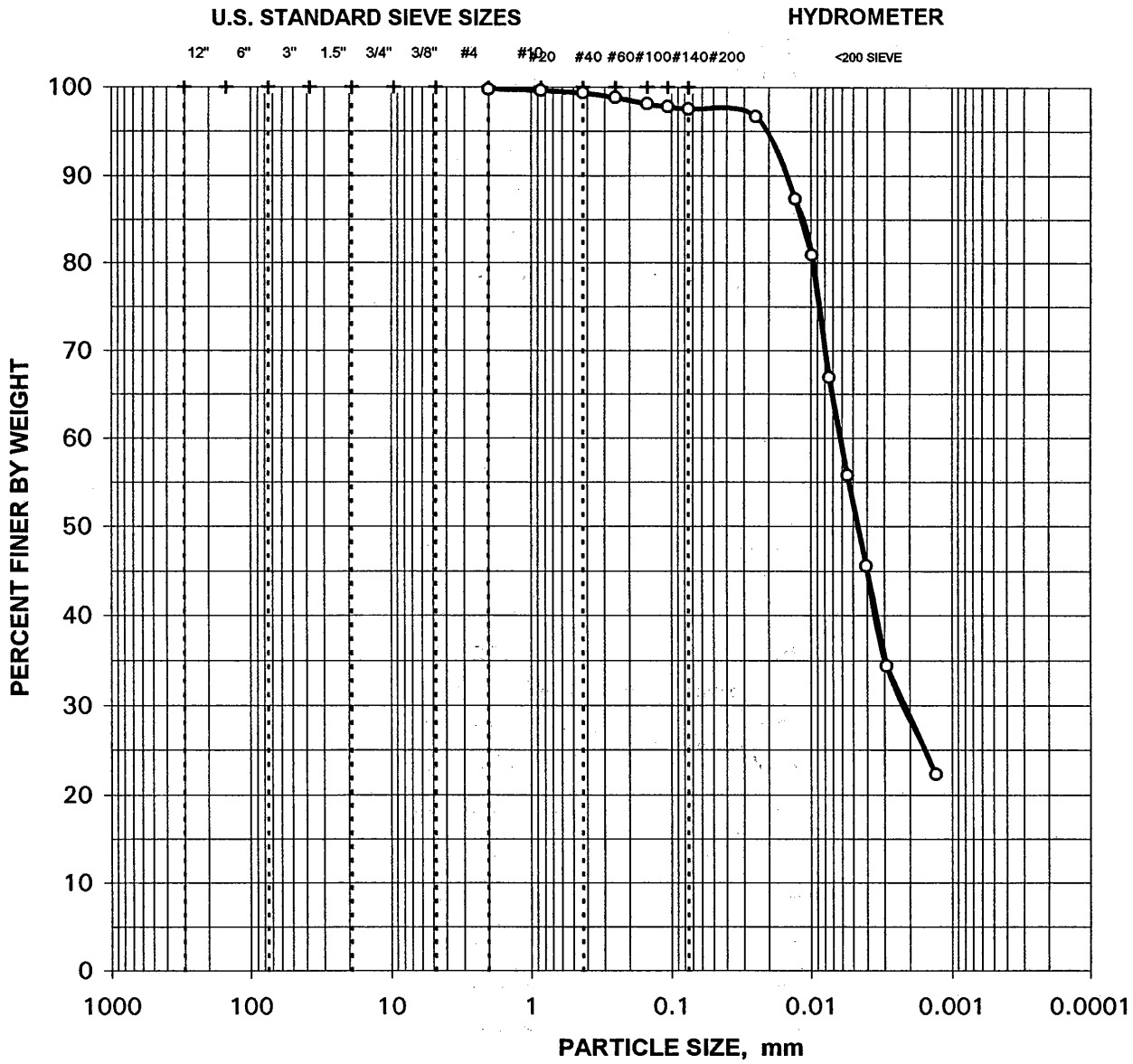
Ft. McClellan



CLIENT SAMPLE NO.: NH1006

IT LAB SAMPLE NO.: ETDC-9943

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns

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PARTICLE-SIZE ANALYSIS
ASTM D 422

RNG-109-SW/SD06

Project Name	Ft. McClellan	Client Sample No.	NH1007
Project No.	796887.11020300	IT Lab Sample No.	ETDC-9944

Specific Gravity = 2.65
assumed for calculations

Moisture Content = 69.9%
based on dry sample weight

SIEVE ANALYSIS

COARSE	Sieve No.	Diameter mm	Percent Finer
	3"	75.000	100.0%
	1.5"	37.500	100.0%
	0.75"	19.000	100.0%
	0.375"	9.500	100.0%
	#4	4.750	99.6%
	#10	2.000	99.3%

FINE	Sieve No.	Diameter mm	Percent Finer
	#20	0.850	99.0%
	#40	0.425	98.3%
	#60	0.250	97.2%
	#100	0.149	96.0%
	#140	0.106	95.4%
	#200	0.075	94.9%

HYDROMETER ANALYSIS

HYDROMETER	Diameter mm	Percent Finer
	0.02554	91.5%
	0.01627	89.7%
	0.00918	76.1%
	0.00738	68.9%
	0.00548	58.9%
	0.00396	48.9%
	0.00288	39.0%
	0.00136	26.3%

0.4% Gravel 4.7% Sand 94.9% Silt/Clay

June 17, 2002
Duane Nielsen
Shaw E&I
Fort McClellan
Project No. 774645.11020300

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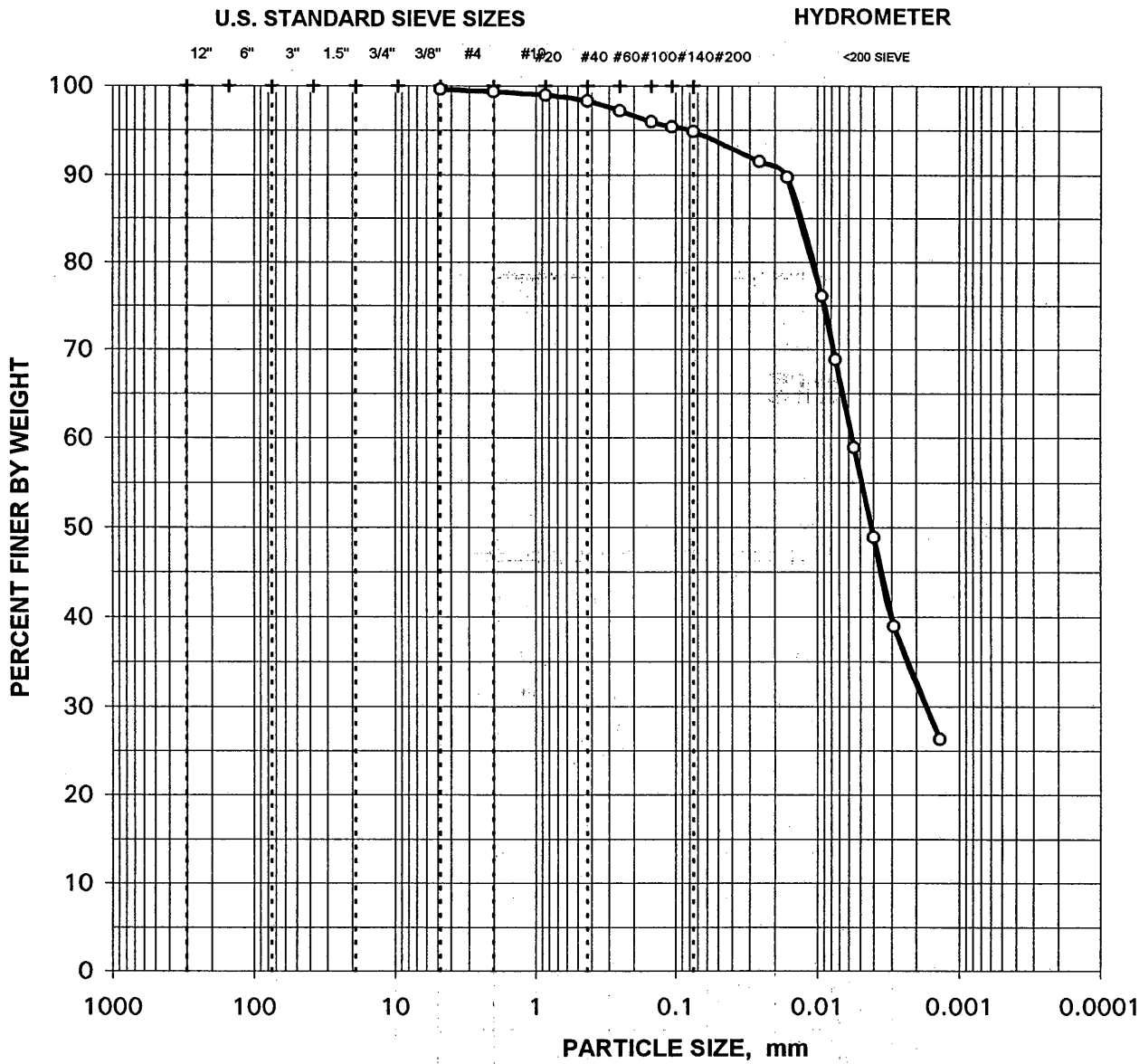
Ft. McClellan



CLIENT SAMPLE NO.: NH1007

IT LAB SAMPLE NO.: ETDC-9944

BOULDERS	COBBLES	GRAVEL		SAND			
		COARSE	FINE	COARSE	MEDIUM	FINE	SILT 2 - 75 microns CLAY <2 microns