Table 7
Conrail Property: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

NA= NOT ANALYZED, NC= NO CRITERIA
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						Antimony		Hexavalent Chromium		Vanadium						
						NJDEP SRS	mg/kg	NJDEP SRS	mg/kg	NJDEP SRS	mg/kg					
						RDCSRS	**31**	RDCSRS	**20**	RDCSRS	**78**					
						NRDCSRS	**450**	NRDCSRS	**20**	NRDCSRS	**1,100**					
Location ID	Sample ID	Laboratory ID	Sample Date	Start Depth (ft)	End Depth (ft)	Result (mg/kg)	DF	Result (mg/kg)	DF	Result (mg/kg)	DF	Ferrous Iron (mg/L)	ORP (mV)	pH	TOC (mg/kg)	Total Sulfide (mg/kg)
107_M018E2	107_MO18E2_1.0	460-34820-15	12/14/2011	1.0	1.5	NA	-	**99.0**	5	**607**	10	NA	-	9.21	NA	NA
107_M018E2	107_MO18E2_3.0†	460-34820-16	12/14/2011	3.0	3.5	NA	-	**53.9**	1	**83.8**	4	NA	-	9.32	NA	NA
107_M018E2	REP121411-1†	460-34820-21	12/14/11	3.0	3.5	NA	-	**25**	1	**344**	4	NA	390	9.42	NA	NA
107_M018E2	107_MO18E2_3.5	460-34820-17	12/14/2011	3.5	4.0	NA	-	**194**	5	**412**	10	NA	-	10.2	NA	NA
107_M018E2	107_MO18E2_4.0	460-34820-18	12/14/2011	4.0	4.5	NA	-	1.0 U	1	42.1	4	NA	-	7.75	NA	NA
107_M018E2	107_MO18E2_4.5	460-34820-19	12/14/2011	4.5	5.0	NA	-	1.0 U	1	50.0	4	NA	-	6.91	NA	NA
107_M018E2	107_MO18E2_5.0	460-34820-20	12/14/2011	5.0	5.5	NA	-	0.88 U	1	20.9	4	NA	-	6.15	NA	NA
107_M018E2_N	1-7/10/2012-44	06877-044	7/10/2012	1.0	1.5	NA	-	**24**	1	16.5	1	NA	-	NA	NA	NA
107_M018E2_N	1-7/10/2012-45	06877-045	7/10/2012	1.5	2.0	NA	-	8.29	1	17.2	1	NA	-	NA	NA	NA
107_M018E2_N	1-7/10/2012-46	06877-046	7/10/2012	2.0	2.5	NA	-	5.64	1	20.8	1	NA	-	NA	NA	NA
107_M018E2_N	1-7/10/2012-47	06877-047	7/10/2012	3.0	3.5	NA	-	3.84	1	19.3	1	NA	-	NA	NA	NA
107_M018E2_N	1-7/10/2012-48	06877-048	7/10/2012	3.5	4.0	NA	-	4.97	1	18.9	1	NA	-	NA	NA	NA
107_M018E2_N	1-7/10/2012-49	06877-049	7/10/2012	5.5	6.0	NA	-	0.622 J	1	13.3	1	NA	-	NA	NA	NA
107_M020E1	107_MO20E1_0.0	460-34820-1	12/14/2011	0.0	0.5	NA	-	NA	-	**205**	4	NA	-	NA	NA	NA
107_M020E1	107_MO20E1_1.0	460-34820-2	12/14/2011	1.0	1.5	NA	-	**3,010**	200	**1,130**	20	NA	-	9.64	NA	NA
107_M020E1	107_MO20E1_1.5	460-34820-3	12/14/2011	1.5	2.0	NA	-	**7,950**	200	**1,110**	20	NA	-	11.5	NA	NA
107_M020E1	107_MO20E1_2.5	460-34820-4	12/14/2011	2.5	3.0	NA	-	**11,700**	200	**1,120**	50	NA	-	11.6	NA	NA
107_M020E1	107_MO20E1_3.0	460-34820-5	12/14/2011	3.0	3.5	NA	-	**11,700**	200	**1,330**	20	NA	-	11.6	NA	NA
107_M020E1	107_MO20E1_3.5	460-34820-6	12/14/2011	3.5	4.0	NA	-	**65.7**	1	**97.3**	4	NA	-	9.27	NA	NA
107_M020E1	107_MO20E1_4.0	460-34820-7	12/14/2011	4.0	4.5	NA	-	3.7	1	30.7	4	NA	-	8.23	NA	NA
107_M020E2	107_MO20E2_0.0	460-34781-73	12/13/2011	0.0	0.5	NA	-	NA	-	**918**	20	NA	-	NA	NA	NA
107_M020E2	107_MO20E2_1.0	460-34781-74	12/13/2011	1.0	1.5	NA	-	**9,040**	200	**1,340**	20	NA	-	11.7	NA	NA
107_M020E2	107_MO20E2_1.5	460-34781-75	12/13/2011	1.5	2.0	NA	-	**8,880**	200	**1,190**	20	NA	-	11.8	NA	NA
107_M020E2	107_MO20E2_2.5	460-34781-76	12/13/2011	2.5	3.0	NA	-	**2,170**	100	**509**	4	NA	-	11.7	NA	NA
107_M020E2	107_MO20E2_3.0	460-34781-77	12/13/2011	3.0	3.5	NA	-	**62.8**	1	**104**	4	NA	-	10.3	NA	NA
107_M020E2	107_MO20E2_3.5	460-34781-78	12/13/2011	3.5	4.0	NA	-	2.5	1	26.4	4	NA	-	8.27	NA	NA
107_M020E2	107_MO20E2_4.0	460-34781-79	12/13/2011	4.0	4.5	NA	-	1.4 J	1	17.1	4	NA	-	8.51	NA	NA
107_M020N	107_MO20N_0.0	460-34781-1	12/13/2011	0.0	0.5	NA	-	NA	-	**210**	4	NA	-	NA	NA	NA
107_M020N	107_MO20N_1.0	460-34781-2	12/13/2011	1.0	1.5	NA	-	**583**	50	**638**	20	NA	-	11.2	NA	NA
107_M020N	107_MO20N_1.5†	460-34781-3	12/13/2011	1.5	2.0	NA	-	**126**	10	**101**	4	NA	-	11.3	NA	NA
107_M020N	REP121311-1†	460-34781-8	12/13/2011	1.5	2.0	NA	-	**106 JJ**	2	**139**	4	NA	284	11.3	NA	NA
107_M020N	107_MO20N_2.5	460-34781-4	12/13/2011	2.5	3.0	NA	-	**25.4**	1	18.4	4	NA	-	11.0	NA	NA
107_M020N	107_MO20N_3.0	460-34781-5	12/13/2011	3.0	3.5	NA	-	**28.4**	1	13.6	4	NA	-	10.9	NA	NA
107_M020N	107_MO20N_3.5	460-34781-6	12/13/2011	3.5	4.0	NA	-	**28.4 JJ**	1	NA	-	NA	-	NA	NA	NA
107_M020N	107_MO20N_4.0	460-34781-7	12/13/2011	4.0	4.5	NA	-	**26.2 JJ**	1	NA	-	NA	-	NA	NA	NA
107_M020N_1	1-7/10/2012-50	06877-050	7/10/2012	1.0	1.5	NA	-	0.284 U	1	30.6	1	NA	-	NA	NA	NA
107_M020N_1	1-7/10/2012-51	06877-051	7/10/2012	2.0	2.5	NA	-	7.96	1	20.3	1	NA	-	NA	NA	NA
107_M020N_1	1-7/10/2012-52	06877-052	7/10/2012	3.0	3.5	NA	-	0.263 U	1	14.8	1	NA	-	NA	NA	NA
107_M020N_1	1-7/10/2012-53	06877-053	7/10/2012	4.0	4.5	NA	-	1.76	1	17.1	1	NA	-	NA	NA	NA
107_M020N_1	1-7/10/2012-54	06877-054	7/10/2012	5.0	5.5	NA	-	3.69	1	17.8	1	NA	-	NA	NA	NA
107_M020W	107_MO20W_0.0	460-34820-8	12/14/2011	0.0	0.5	NA	-	NA	-	**292**	4	NA	-	NA	NA	NA
107_M020W	107_MO20W_1.0	460-34820-9	12/14/2011	1.0	1.5	NA	-	**1,060**	50	**1,150**	20	NA	-	10.0	NA	NA

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						Antimony		Hexavalent Chromium		Vanadium						
						NJDEP SRS	mg/kg	NJDEP SRS	mg/kg	NJDEP SRS	mg/kg					
						RDCSRS	**31**	RDCSRS	**20**	RDCSRS	**78**					
						NRDCSRS	**450**	NRDCSRS	**20**	NRDCSRS	**1,100**					
Location ID	Sample ID	Laboratory ID	Sample Date	Start Depth (ft)	End Depth (ft)	Result (mg/kg)	DF	Result (mg/kg)	DF	Result (mg/kg)	DF	Ferrous Iron (mg/L)	ORP (mV)	pH	TOC (mg/kg)	Total Sulfide (mg/kg)
107_M020W	107_MO20W_1.5	460-34820-10	12/14/2011	1.5	2.0	NA	-	**7,120**	200	**1,360**	20	NA	-	11.5	NA	NA
107_M020W	107_MO20W_2.5	460-34820-11	12/14/2011	2.5	3.0	NA	-	**6,920**	200	**1,460**	20	NA	-	11.7	NA	NA
107_M020W	107_MO20W_3.0	460-34820-12	12/14/2011	3.0	3.5	NA	-	**5,070**	200	**1,320**	20	NA	-	11.4	NA	NA
107_M020W	107_MO20W_3.5	460-34820-13	12/14/2011	3.5	4.0	NA	-	**1,260**	100	**288**	10	NA	-	9.86	NA	NA
107_M020W	107_MO20W_4.0	460-34820-14	12/14/2011	4.0	4.5	NA	-	3.5	1	73.2	4	NA	-	7.74	NA	NA
107_M022_1	1-7/10/2012-30	06877-030	7/10/2012	1.0	1.5	NA	-	5.26	1	NA	-	NA	-	NA	NA	NA
107_M022_1	1-7/10/2012-31	06877-031	7/10/2012	2.0	2.5	NA	-	3.97	1	NA	-	NA	-	NA	NA	NA
107_M022_1	1-7/10/2012-32	06877-032	7/10/2012	3.0	3.5	NA	-	2.69	1	NA	-	NA	-	NA	NA	NA
107_M022_1	1-7/10/2012-33	06877-033	7/10/2012	4.0	4.5	NA	-	1.04 J	1	NA	-	NA	-	NA	NA	NA
107_M022N	107_MO22N_0.0	460-34781-9	12/13/2011	0.0	0.5	NA	-	NA	-	61.3	4	NA	-	NA	NA	NA
107_M022N	107_MO22N_1.0	460-34781-10	12/13/2011	1.0	1.5	NA	-	NA	-	28.5	4	NA	-	NA	NA	NA
107_M022N_1	1-7/10/2012-57	06877-057	7/10/2012	1.0	1.5	NA	-	0.83 J	1	NA	-	NA	-	NA	NA	NA
107_M022N_1	1-7/10/2012-58	06877-058	7/10/2012	2.0	2.5	NA	-	0.553 J	1	NA	-	NA	-	NA	NA	NA
107_M022N_1	1-7/10/2012-59	06877-059	7/10/2012	3.0	3.5	NA	-	0.858 J	1	NA	-	NA	-	NA	NA	NA
107_M022N_1	1-7/10/2012-60	06877-060	7/10/2012	4.0	4.5	NA	-	1.01 J	1	NA	-	NA	-	NA	NA	NA
107_M024_1	1-7/10/2012-36	06877-036	7/10/2012	0.5	1.0	NA	-	0.251 U	1	NA	-	NA	-	NA	NA	NA
107_M024_1	1-7/10/2012-37	06877-037	7/10/2012	1.0	1.5	NA	-	**189**	5	NA	-	NA	-	NA	NA	NA
107_M024_1	1-7/10/2012-38	06877-038	7/10/2012	2.0	2.5	NA	-	7.98	1	NA	-	NA	-	NA	NA	NA
107_M024_1	1-7/10/2012-39	06877-039	7/10/2012	3.0	3.5	NA	-	0.268 U	1	NA	-	NA	-	NA	NA	NA
107_M024_1	1-7/10/2012-40	06877-040	7/10/2012	4.0	4.5	NA	-	0.272 U	1	NA	-	NA	-	NA	NA	NA
107_M024N	107_MO24N_0.5	460-34781-14	12/13/2011	0.5	1.0	NA	-	NA	-	31.2	4	NA	-	NA	NA	NA
107_M024N_1	1-7/10/2012-65	06877-065	7/10/2012	1.0	1.5	NA	-	0.29 U	1	NA	-	NA	-	NA	NA	NA
107_M024N_1	1-7/10/2012-66	06877-066	7/10/2012	2.0	2.5	NA	-	0.301 U	1	NA	-	NA	-	NA	NA	NA
107_M024N_1	1-7/10/2012-67	06877-067	7/10/2012	3.0	3.5	NA	-	0.298 U	1	NA	-	NA	-	NA	NA	NA
107_M024N_1	1-7/10/2012-68	06877-068	7/10/2012	4.0	4.5	NA	-	0.332 U	1	NA	-	0.845 J	377	6.13	22400	2.25 U
107_M026E1	107_MO26E1_0.5	460-34686-73	12/12/2011	0.5	1.0	NA	-	10.9	1	68.5	4	NA	-	8.40	NA	NA
107_M026E1	107_MO26E1_1.0	460-34686-74	12/12/2011	1.0	1.5	NA	-	**226**	5	NA	-	NA	-	9.14	NA	NA
107_M026E1	107_MO26E1_1.5	460-34686-75	12/12/2011	1.5	2.0	NA	-	**782**	50	NA	-	NA	-	9.71	NA	NA
107_M026E1	107_MO26E1_2.0†	460-34686-76	12/12/2011	2.0	2.5	NA	-	**4,240**	100	NA	-	NA	-	11.5	NA	NA
107_M026E1	REP121211-4†	460-34686-84	12/12/2011	2.0	2.5	NA	-	**4,340**	100	NA	-	-	258	11.4	NA	NA
107_M026E1	107_MO26E1_2.5	460-34686-77	12/12/2011	2.5	3.0	NA	-	**1,000**	50	NA	-	NA	-	11.3	NA	NA
107_M026E1	107_MO26E1_3.0	460-34686-78	12/12/2011	3.0	3.5	NA	-	**81.9**	2	NA	-	NA	-	10.6	NA	NA
107_M026E1	107_MO26E1_3.5	460-34686-79	12/12/2011	3.5	4.0	NA	-	**29.8**	1	NA	-	NA	-	9.81	NA	NA
107_M026E1	107_MO26E1_4.0	460-34686-80	12/12/2011	4.0	4.5	NA	-	**52.6**	1	NA	-	NA	-	10.1	NA	NA
107_M026E1	107_MO26E1_4.5	460-34686-81	12/12/2011	4.5	5.0	NA	-	2.2 J	1	NA	-	NA	-	8.21	NA	NA
107_M026E1	107_MO26E1_5.0	460-34686-82	12/12/2011	5.0	5.5	NA	-	1.1 J	1	NA	-	NA	-	7.98	NA	NA
107_M026E1	107_MO26E1_6.0	460-34686-83	12/12/2011	6.0	6.5	NA	-	0.95 U	1	NA	-	NA	-	7.37	NA	NA
107_M026E2	107_MO26E2_0.5	460-34686-61	12/12/2011	0.5	1.0	NA	-	**225**	5	**842**	20	NA	-	9.02	NA	NA
107_M026E2	107_MO26E2_1.0†	460-34686-62	12/12/2011	1.0	1.5	NA	-	**5,670**	100	NA	-	NA	-	10.7	NA	NA
107_M026E2	REP121211-3†	460-34686-72	12/12/2011	1.0	1.5	NA	-	**5,790**	100	NA	-	NA	292	10.7	NA	NA
107_M026E2	107_MO26E2_1.5	460-34686-63	12/12/2011	1.5	2.0	NA	-	**7,020**	100	NA	-	NA	-	11.7	NA	NA
107_M026E2	107_MO26E2_2.0	460-34686-64	12/12/2011	2.0	2.5	NA	-	**2,210**	100	NA	-	NA	-	12.2	NA	NA

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						NJDEP SRS	mg/kg	NJDEP SRS	mg/kg	NJDEP SRS	mg/kg					
						RDCSRS	**31**	RDCSRS	**20**	RDCSRS	**78**					
						NRDCSRS	**450**	NRDCSRS	**20**	NRDCSRS	**1,100**					
Location ID	Sample ID	Laboratory ID	Sample Date	Start Depth (ft)	End Depth (ft)	Result (mg/kg)	DF	Result (mg/kg)	DF	Result (mg/kg)	DF	Ferrous Iron (mg/L)	ORP (mV)	pH	TOC (mg/kg)	Total Sulfide (mg/kg)
107_M026E2	107_MO26E2_2.5	460-34686-65	12/12/2011	2.5	3.0	NA	-	**1,070**	100	NA	-	NA	-	11.9	NA	NA
107_M026E2	107_MO26E2_3.0	460-34686-66	12/12/2011	3.0	3.5	NA	-	**259**	5	NA	-	NA	-	11.1	NA	NA
107_M026E2	107_MO26E2_3.5	460-34686-67	12/12/2011	3.5	4.0	NA	-	**32.1**	1	34.1	4	NA	-	10.2	NA	NA
107_M026E2	107_MO26E2_4.0	460-34686-68	12/12/2011	4.0	4.5	NA	-	10.2	1	21.4	4	NA	-	10.3	NA	NA
107_M026E2	107_MO26E2_4.5	460-34686-69	12/12/2011	4.5	5.0	NA	-	0.86 U	1	20.4	4	NA	-	9.55	NA	NA
107_M026E2	107_MO26E2_5.0	460-34686-70	12/12/2011	5.0	5.5	NA	-	**147**	5	**80.2**	4	NA	-	9.06	NA	NA
107_M026E2	107_MO26E2_6.0	460-34686-71	12/12/2011	6.0	6.5	NA	-	3.9	1	21.7	4	NA	-	7.96	NA	NA
107_M026N	107_MO26N_0.5	460-34781-18	12/13/2011	0.5	1.0	NA	-	11.9	1	18.0	4	NA	-	8.01	NA	NA
107_M026N	107_MO26N_1.0	460-34781-19	12/13/2011	1.0	1.5	NA	-	2.6	1	NA	-	NA	-	6.25	NA	NA
107_M026N	107_MO26N_1.5	460-34781-20	12/13/2011	1.5	2.0	NA	-	2.6	1	NA	-	NA	-	6.16	NA	NA
107_M026N	107_MO26N_2.0	460-34781-21	12/13/2011	2.0	2.5	NA	-	5.4	1	NA	-	NA	-	8.58	NA	NA
107_M026N	107_MO26N_2.5	460-34781-22	12/13/2011	2.5	3.0	NA	-	0.86 U	1	NA	-	NA	-	7.16	NA	NA
107_M026N	107_MO26N_3.0	460-34781-23	12/13/2011	3.0	3.5	NA	-	0.93 U	1	NA	-	NA	-	7.13	NA	NA
107_M026W1	107_MO26W1_0.5	460-34686-85	12/12/2011	0.5	1.0	NA	-	**154**	5	**965**	10	NA	-	9.00	NA	NA
107_M026W1	107_MO26W1_1.0	460-34686-86	12/12/2011	1.0	1.5	NA	-	**4,920**	100	NA	-	NA	-	9.78	NA	NA
107_M026W1	107_MO26W1_1.5†	460-34686-87	12/12/2011	1.5	2.0	NA	-	**6,760**	100	NA	-	NA	-	11.4	NA	NA
107_M026W1	REP121211-5†	460-34686-96	12/12/11	1.5	2.0	NA	-	**90.3**	5	NA	-	-	255	11.1	NA	NA
107_M026W1	107_MO26W1_2.0	460-34686-88	12/12/2011	2.0	2.5	NA	-	**907**	50	NA	-	NA	-	11.0	NA	NA
107_M026W1	107_MO26W1_2.5	460-34686-89	12/12/2011	2.5	3.0	NA	-	111	5	NA	-	NA	-	11.2	NA	NA
107_M026W1	107_MO26W1_3.0	460-34686-90	12/12/2011	3.0	3.5	NA	-	9.1	1	15.7	4	NA	-	10.5	NA	NA
107_M026W2	107_MO26W2_0.5	460-34781-61	12/13/2011	0.5	1.0	NA	-	4.7	1	70.7	4	NA	-	7.98	NA	NA
107_M026W2	107_MO26W2_1.0	460-34781-62	12/13/2011	1.0	1.5	NA	-	7.3	1	NA	-	NA	-	8.50	NA	NA
107_M026W2	107_MO26W2_1.5	460-34781-63	12/13/2011	1.5	2.0	NA	-	**27,600**	1000	NA	-	NA	-	10.1	NA	NA
107_M026W2	107_MO26W2_2.0	460-34781-64	12/13/2011	2.0	2.5	NA	-	**2,320**	100	NA	-	NA	-	10.8	NA	NA
107_M026W2	107_MO26W2_2.5	460-34781-65	12/13/2011	2.5	3.0	NA	-	**78.9**	2	NA	-	NA	-	10.6	NA	NA
107_M026W2	107_MO26W2_3.0	460-34781-66	12/13/2011	3.0	3.5	NA	-	11.1	1	NA	-	NA	-	10.0	NA	NA
107_M028E1	107_MO28E1_0.0	460-34686-45	12/12/2011	0.0	0.5	NA	-	1.0 U	1	**78.7**	4	NA	-	7.94	NA	NA
107_M028E1	107_MO28E1_0.5	460-34686-46	12/12/2011	0.5	1.0	NA	-	**41.6**	1	186	4	NA	-	8.76	NA	NA
107_M028E1	107_MO28E1_1.0	460-34686-47	12/12/2011	1.0	1.5	NA	-	**107**	5	**959**	10	NA	-	9.55	NA	NA
107_M028E1	107_MO28E1_1.5	460-34686-48	12/12/2011	1.5	2.0	NA	-	**24.2**	1	**377**	4	NA	-	9.46	NA	NA
107_M028E1	107_MO28E1_2.0	460-34686-49	12/12/2011	2.0	2.5	NA	-	**22.4**	1	30.2	4	NA	-	9.30	NA	NA
107_M028E1	107_MO28E1_2.5	460-34686-50	12/12/2011	2.5	3.0	NA	-	14.4	1	46.5	4	NA	-	9.08	NA	NA
107_M028E1	107_MO28E1_3.0	460-34686-51	12/12/2011	3.0	3.5	NA	-	1.5 J	1	20.3	4	NA	-	8.22	NA	NA
107_M028E2	107_MO28E2_0.0	460-34686-38	12/12/2011	0.0	0.5	NA	-	1.1 U	1	40.0	4	NA	-	7.83	NA	NA
107_M028E2	107_MO28E2_0.5	460-34686-39	12/12/2011	0.5	1.0	NA	-	5.5	1	46.3	4	NA	-	8.53	NA	NA
107_M028E2	107_MO28E2_1.0	460-34686-40	12/12/2011	1.0	1.5	NA	-	17.6	1	66.6	4	NA	-	8.71	NA	NA
107_M028N	107_MO28N_0.0	460-34781-29	12/13/2011	0.0	0.5	NA	-	1.3 U	1	**82.6**	4	NA	-	7.63	NA	NA
107_M028N	107_MO28N_0.5†	460-34781-30	12/13/2011	0.5	1.0	NA	-	12.6	1	**85.1**	4	NA	-	7.98	NA	NA
107_M028N	REP121311-2†	460-34781-36	12/13/11	0.5	1.0	NA	-	15.6	1	**56.5**	4	NA	481	7.95	NA	NA
107_M028N	107_MO28N_1.0	460-34781-31	12/13/2011	1.0	1.5	NA	-	5.7	1	**87.2**	4	NA	-	8.47	NA	NA
107_M028N	107_MO28N_3.0	460-34781-35	12/13/2011	3.0	3.5	NA	-	NA	-	18.1	4	NA	-	NA	NA	NA
107_M028W	107_MO28W_0.0	460-34686-52	12/12/2011	0.0	0.5	NA	-	4.6	1	51.3	4	NA	-	8.09	NA	NA

Table 7
Conrail Property: Soil Sample Results and Exceedances of
NJDEP Direct Contact Residential and Non-Residential Soil Remediation Standard

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BOLD RESULT=EXCEEDS NJDEP RDCSRS OR NRDCSRS
*=MDL EXCEEDS ONE OR MORE SOIL STANDARD; JJ= RESULT QUALIFIED AS PER DATA VALIDATION; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

						Antimony		Hexavalent Chromium		Vanadium						
						NJDEP SRS	mg/kg	NJDEP SRS	mg/kg	NJDEP SRS	mg/kg					
						RDCSRS	**31**	RDCSRS	**20**	RDCSRS	**78**					
						NRDCSRS	**450**	NRDCSRS	**20**	NRDCSRS	**1,100**					
Location ID	Sample ID	Laboratory ID	Sample Date	Start Depth (ft)	End Depth (ft)	Result (mg/kg)	DF	Result (mg/kg)	DF	Result (mg/kg)	DF	Ferrous Iron (mg/L)	ORP (mV)	pH	TOC (mg/kg)	Total Sulfide (mg/kg)
107_M028W	107_MO28W_0.5	460-34686-53	12/12/2011	0.5	1.0	NA	-	**3,390**	100	**828**	20	NA	-	9.59	NA	NA
107_M028W	107_MO28W_1.0	460-34686-54	12/12/2011	1.0	1.5	NA	-	**9,270**	200	**1,100**	20	NA	-	11.7	NA	NA
107_M028W	107_MO28W_1.5†	460-34686-55	12/12/2011	1.5	2.0	NA	-	**7,860**	200	**1,180**	20	NA	244	12.1	NA	NA
107_M028W	REP121211-2†	460-34686-59	12/12/2011	1.5	2.0	NA	-	**6,340**	100	NA	-	NA	247	12.2	NA	NA
107_M028W	107_MO28W_2.0	460-34686-56	12/12/2011	2.0	2.5	NA	-	**5,710**	200	**1,130**	50	NA	-	12.1	NA	NA
107_M028W	107_MO28W_2.5	460-34686-57	12/12/2011	2.5	3.0	NA	-	**1,170**	50	**293**	4	NA	-	11.3	NA	NA
107_M028W	107_MO28W_3.0	460-34686-58	12/12/2011	3.0	3.5	NA	-	**278**	10	**113**	4	NA	-	10.1	NA	NA
107_M030E1	107_MO30E1_0.0	460-34686-29	12/12/2011	0.0	0.5	NA	-	1.0 U	1	**98.0**	4	NA	-	7.66	NA	NA
107_M030E1	107_MO30E1_0.5	460-34686-30	12/12/2011	0.5	1.0	NA	-	19.2	1	**116**	4	NA	-	9.06	NA	NA
107_M030E1	107_MO30E1_4.0	460-34686-37	12/12/2011	4.0	4.5	NA	-	NA	-	20.3	4	NA	-	NA	NA	NA
107_M030E2	107_MO30E2_0.0	460-34686-19	12/12/2011	0.0	0.5	NA	-	7.3	1	**89.0**	4	NA	-	8.10	NA	NA
107_M030E2	107_MO30E2_0.5†	460-34686-20	12/12/2011	0.5	1.0	NA	-	9.2	1	**202**	4	NA	-	8.50	NA	NA
107_M030E2	REP121211-1†	460-34686-28	12/12/2011	0.5	1.0	NA	-	NA	-	**198**	4	NA	-	-	NA	NA
107_M030E2	107_MO30E2_4.0	460-34686-27	12/12/2011	4.0	4.5	NA	-	NA	-	**521**	10	NA	-	NA	NA	NA
107_M030N	107_MO30N_0.0	460-34781-37	12/13/2011	0.0	0.5	NA	-	12.2	1	46.9	4	NA	-	7.63	NA	NA
107_M030N	107_MO30N_0.5	460-34781-38	12/13/2011	0.5	1.0	NA	-	5.5	1	29.0	4	NA	-	8.12	NA	NA
107_M032E1	107_MO32E1_0.0	460-34686-10	12/12/2011	0.0	0.5	NA	-	NA	-	76.2	4	NA	-	NA	NA	NA
107_M032E1	107_MO32E1_0.5	460-34686-11	12/12/2011	0.5	1.0	NA	-	14.3	1	**119**	4	NA	-	8.79	NA	NA
107_M032E1	107_MO32E1_1.0	460-34686-12	12/12/2011	1.0	1.5	NA	-	7.4	1	32.5	4	NA	-	8.91	NA	NA
107_M032E1	107_MO32E1_1.5	460-34686-13	12/12/2011	1.5	2.0	NA	-	14.8	1	21.2	4	NA	-	8.45	NA	NA
107_M032E2	107_MO32E2_0.0	460-34686-1	12/12/2011	0.0	0.5	NA	-	NA	-	**114**	4	NA	-	NA	NA	NA
107_M032E2	107_MO32E2_0.5	460-34686-2	12/12/2011	0.5	1.0	NA	-	1.1 J	1	**122**	4	NA	-	7.72	NA	NA
107_M032E2	107_MO32E2_1.0	460-34686-3	12/12/2011	1.0	1.5	NA	-	7.9	1	**120**	4	NA	-	8.11	NA	NA
107_M032E2	107_MO32E2_1.5	460-34686-4	12/12/2011	1.5	2.0	NA	-	14.5	1	**78.7**	4	NA	-	8.36	NA	NA
107_M032E2	107_MO32E2_4.0	460-34686-9	12/12/2011	4.0	4.5	NA	-	NA	-	17.6	4	NA	-	NA	NA	NA
107_M032N	107_MO32N_0.0	460-34781-46	12/13/2011	0.0	0.5	NA	-	NA	-	11.4 J	4	NA	-	NA	NA	NA
107_M032N	107_MO32N_0.5	460-34781-47	12/13/2011	0.5	1.0	NA	-	4.7	1	20.1	4	NA	-	7.72	NA	NA
107_M032N	107_MO32N_1.0	460-34781-48	12/13/2011	1.0	1.5	NA	-	4.4	1	23.2	4	NA	-	7.56	NA	NA
107_M032N	107_MO32N_1.5	460-34781-49	12/13/2011	1.5	2.0	NA	-	3.5	1	22.0	4	NA	-	7.35	NA	NA
107_M034N	107_MO34N_3.0†	460-34781-55	12/13/2011	3.0	3.5	NA	-	NA	-	22.6	4	NA	-	NA	NA	NA
107_M034N	REP121311-3†	460-34781-60	12/13/2011	3.0	3.5	NA	-	NA	-	21.9	4	NA	-	NA	NA	NA
107_M034N	107_MO34N_3.5	460-34781-56	12/13/2011	3.5	4.0	NA	-	NA	-	19.7	4	NA	-	NA	NA	NA
108_M016_1	1-7/10/2012-8	06877-008	7/10/2012	1.0	1.5	NA	-	0.424 J	1	**84.1**	-	NA	-	NA	NA	NA
108_M016_1	1-7/10/2012-9	06877-009	7/10/2012	1.5	2.0	NA	-	1.12 J	1	**241**	-	NA	-	NA	NA	NA
108_M016_1	1-7/10/2012-10	06877-010	7/10/2012	2.0	2.5	NA	-	13.2	1	**128**	-	NA	-	NA	NA	NA
108_M016W_1	1-7/10/2012-1	06877-001	7/10/2012	1.0	1.5	NA	-	0.492 J	1	42.6	-	NA	-	NA	NA	NA
108_M016W_1	1-7/10/2012-2	06877-002	7/10/2012	1.5	2.0	NA	-	0.261 U	1	62.5	-	NA	-	NA	NA	NA
108_M016W_1	1-7/10/2012-3	06877-003	7/10/2012	2.0	2.5	NA	-	0.263 U	1	50.6	-	NA	-	NA	NA	NA
108_M018E1	108_MO18E1_0.5	460-34820-22	12/14/2011	0.5	1.0	NA	-	4.7	1	75.4	4	NA	-	8.69	NA	NA
108_M018E1	108_MO18E1_1.0	460-34820-23	12/14/2011	1.0	1.5	NA	-	**50.8**	1	**367**	10	NA	-	8.89	NA	NA
108_M018E1	108_MO18E1_3.0†	460-34820-24	12/14/2011	3.0	3.5	NA	-	**9,290**	200	**1,130**	10	NA	-	11.6	NA	NA
108_M018E1	REP121411-2†	460-34820-29	12/14/2011	3.0	3.5	NA	-	**12,000**	500	**1,010**	10	-	235	11.8	NA	NA

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*=MDL EXCEEDS ONE OR MORE SOIL STANDARD; JJ= RESULT QUALIFIED AS PER DATA VALIDATION; DF = Dilution Factor; TOC = Total Organic Carbon; †=REPLICATE SAMPLE COLLECTED

						Antimony		Hexavalent Chromium		Vanadium						
						NJDEP SRS	mg/kg	NJDEP SRS	mg/kg	NJDEP SRS	mg/kg					
						RDCSRS	**31**	RDCSRS	**20**	RDCSRS	**78**					
						NRDCSRS	**450**	NRDCSRS	**20**	NRDCSRS	**1,100**					
Location ID	Sample ID	Laboratory ID	Sample Date	Start Depth (ft)	End Depth (ft)	Result (mg/kg)	DF	Result (mg/kg)	DF	Result (mg/kg)	DF	Ferrous Iron (mg/L)	ORP (mV)	pH	TOC (mg/kg)	Total Sulfide (mg/kg)
108_M018E1	108_MO18E1_3.5	460-34820-25	12/14/2011	3.5	4.0	NA	-	**623**	25	**263**	10	NA	-	10.7	NA	NA
108_M018E1	108_MO18E1_4.0	460-34820-26	12/14/2011	4.0	4.5	NA	-	NA	-	55.0	4	NA	-	NA	NA	NA
108_M018E1	108_MO18E1_4.5	460-34820-27	12/14/2011	4.5	5.0	NA	-	NA	-	**82.0**	4	NA	-	NA	NA	NA
108_M018E1	108_MO18E1_5.0	460-34820-28	12/14/2011	5.0	5.5	NA	-	NA	-	45.4	4	NA	-	NA	NA	NA
108_M018N	108_MO18N_1.0	460-34820-30	12/14/2011	1.0	1.5	NA	-	**58.7**	1	**476**	10	NA	-	9.24	NA	NA
108_M018N	108_MO18N_1.5	460-34820-31	12/14/2011	1.5	2.0	NA	-	**60.7**	1	**351**	10	NA	-	9.40	NA	NA
108_M018N	108_MO18N_2.0	460-34820-32	12/14/2011	2.0	2.5	NA	-	**52.6**	1	**170**	10	NA	-	8.52	NA	NA
108_M018N	108_MO18N_3.0	460-34820-33	12/14/2011	3.0	3.5	NA	-	1.2 J	1	33.6	10	0.37 U	1	7.83	201000	3.9 U
108_M018N	108_MO18N_3.5	460-34820-34	12/14/2011	3.5	4.0	NA	-	1.5 J	1	32.3	10	NA	-	7.21	NA	NA
108_M018N_1	1-7/10/2012-23	06877-023	7/10/2012	1.0	1.5	NA	-	0.244 U	1	62.2	-	NA	-	NA	NA	NA
108_M018N_1	1-7/10/2012-24	06877-024	7/10/2012	1.5	2.0	NA	-	**81.6**	2	**417**	-	NA	-	NA	NA	NA
108_M018N_1	1-7/10/2012-25	06877-025	7/10/2012	2.0	2.5	NA	-	**72.3**	2	**246**	-	NA	-	NA	NA	NA
108_M018N_1	1-7/10/2012-26	06877-026	7/10/2012	3.0	3.5	NA	-	**90.6**	2	**274**	-	NA	-	NA	NA	NA
108_M018N_1	1-7/10/2012-27	06877-027	7/10/2012	3.5	4.0	0.35 U	-	0.296 U	1	NA	-	NA	-	NA	NA	NA
108_M018N_1	1-7/10/2012-28	06877-028	7/10/2012	4.5	5.0	0.303 U	-	NA	-	NA	-	NA	-	NA	NA	NA
108_M018W1	108_MO18W1_0.5	460-34820-38	12/14/2011	0.5	1.0	NA	-	19.2	1	**233**	10	NA	-	8.15	NA	NA
108_M018W1	108_MO18W1_1.0	460-34820-39	12/14/2011	1.0	1.5	NA	-	**27.0**	1	**285**	10	NA	-	8.21	NA	NA
108_M018W1	108_MO18W1_1.5	460-34820-40	12/14/2011	1.5	2.0	NA	-	**33.3**	1	**241**	10	NA	-	7.75	NA	NA
108_M018W1	108_MO18W1_2.0	460-34820-47	12/14/2011	2.0	2.5	NA	-	**25.4**	1	**151**	4	NA	-	7.70	NA	NA
108_M018W1	108_MO18W1_2.5	460-34820-41	12/14/2011	2.5	3.0	NA	-	11.4	1	53.3	10	NA	-	7.94	NA	NA
108_M018W1	108_MO18W1_3.0	460-34820-42	12/14/2011	3.0	3.5	NA	-	11.4	1	41.6	10	NA	-	7.60	NA	NA
108_M018W1	108_MO18W1_3.5	460-34820-43	12/14/2011	3.5	4.0	NA	-	1.1 U	1	**127**	10	NA	-	7.57	NA	NA
108_M018W2	108_MO18W2_0.5	460-34820-49	12/14/2011	0.5	1.0	NA	-	15.0	1	**126**	10	NA	-	8.90	NA	NA
108_M018W2	108_MO18W2_1.0	460-34820-50	12/14/2011	1.0	1.5	NA	-	**1,100**	50	**607**	10	NA	-	9.96	NA	NA
108_M018W2	108_MO18W2_3.0	460-34820-51	12/14/2011	3.0	3.5	NA	-	**3,800**	200	**988**	10	NA	-	9.84	NA	NA
108_M018W2	108_MO18W2_4.0	460-34820-52	12/14/2011	4.0	4.5	NA	-	**57.5**	1	**80.7**	10	NA	-	8.45	NA	NA
108_M018W2	108_MO18W2_4.5	460-34820-53	12/14/2011	4.5	5.0	NA	-	NA	-	52.4	4	NA	-	NA	NA	NA
108_M018W2	108_MO18W2_5.0	460-34820-54	12/14/2011	5.0	5.5	NA	-	NA	-	23.8	4	NA	-	NA	NA	NA
108_M018W2_1	1-7/10/2012-15	06877-015	7/10/2012	1.0	1.5	NA	-	0.244 U	1	**81.6**	-	NA	-	NA	NA	NA
108_M018W2_1	1-7/10/2012-16	06877-016	7/10/2012	1.5	2.0	NA	-	10.6	1	**96.5**	-	NA	-	NA	NA	NA
108_M018W2_1	1-7/10/2012-17	06877-017	7/10/2012	2.0	2.5	NA	-	**25**	1	**133**	-	NA	-	NA	NA	NA
108_M018W2_1	1-7/10/2012-18	06877-018	7/10/2012	3.0	3.5	NA	-	**556**	25	NA	-	NA	-	NA	NA	NA
108_M018W2_1	1-7/10/2012-19	06877-019	7/10/2012	4.0	4.5	NA	-	0.376 U	1	NA	-	NA	-	NA	NA	NA
107_M018E2_N_1	107_M018E2_N_1-1.0-1.5	E12-11760-014	11/29/2012	1.0	1.5	NA	-	9.68	1	NA	-	NA	-	NA	NA	NA
107_M020E2_N	107_M020E2_N-1.0-1.5	E12-11760-019	11/29/2012	1.0	1.5	NA	-	1.36	1	NA	-	NA	-	NA	NA	NA
107_M020E2_N	107_M020E2_N-1.5-2.0	E12-11760-020	11/29/2012	1.5	2.0	NA	-	1.35	1	NA	-	NA	-	NA	NA	NA
107_M020E2_N	107_M020E2_N-2.5-3.0	E12-11760-021	11/29/2012	2.5	3.0	NA	-	3.23	1	NA	-	NA	-	NA	NA	NA
107_M020E2_N	107_M020E2_N-3.0-3.5	E12-11760-022	11/29/2012	3.0	3.5	NA	-	7.32	1	NA	-	NA	-	NA	NA	NA
107_M026E2_N	107_M026E2_N-0.5-1.0	E12-11760-025	11/29/2012	0.5	1.0	NA	-	1.33	1	NA	-	NA	-	NA	NA	NA
107_M026E2_N	107_M026E2_N-1.5-2.0	E12-11760-026	11/29/2012	1.5	2.0	NA	-	0.292 U	1	NA	-	NA	-	NA	NA	NA
107_M026E2_N	107_M026E2_N-2.5-3.0	E12-11760-027	11/29/2012	2.5	3.0	NA	-	0.308 U	1	NA	-	NA	-	NA	NA	NA
107_M026E2_N	107_M026E2_N-3.5-4.0	E12-11760-028	11/29/2012	3.5	4.0	NA	-	0.315 U	1	NA	-	NA	-	NA	NA	NA

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						Antimony		Hexavalent Chromium		Vanadium						
						NJDEP SRS	mg/kg	NJDEP SRS	mg/kg	NJDEP SRS	mg/kg					
						RDCSRS	**31**	RDCSRS	**20**	RDCSRS	**78**					
						NRDCSRS	**450**	NRDCSRS	**20**	NRDCSRS	**1,100**					
Location ID	Sample ID	Laboratory ID	Sample Date	Start Depth (ft)	End Depth (ft)	Result (mg/kg)	DF	Result (mg/kg)	DF	Result (mg/kg)	DF	Ferrous Iron (mg/L)	ORP (mV)	pH	TOC (mg/kg)	Total Sulfide (mg/kg)
107_M026E2_N	107_M026E2_N-4.5-5.0	E12-11760-029	11/29/2012	4.5	5.0	NA	-	0.316 U	1	NA	-	NA	-	NA	NA	NA
107_M026E2_N	107_M026E2_N-5.5-6.0	E12-11760-030	11/29/2012	5.5	6.0	NA	-	0.299 U	1	NA	-	NA	-	NA	NA	NA
107_M026W2_N	107_M026W2_N-1.5-2.0	E12-11760-032	11/29/2012	1.5	2.0	NA	-	0.274 U	1	NA	-	NA	-	NA	NA	NA
107_M026W2_N	107_M026W2_N-2.0-2.5	E12-11760-033	11/29/2012	2.0	2.5	NA	-	0.306 U	1	NA	-	NA	-	NA	NA	NA
107_M026W2_N	107_M026W2_N-2.5-3.0	E12-11760-034	11/29/2012	2.5	3.0	NA	-	0.308 U	1	NA	-	NA	-	NA	NA	NA
108_M018N_2	108_M018N_2-1.5-2.0†	E12-11760-009	11/29/2012	1.5	2.0	NA	-	3.48	1	NA	-	NA	-	NA	NA	NA
108_M018N_2	REP-112912-1_E12-11760-036†	E12-11760-036	11/29/2012	-	-	NA	-	0.489	1	NA		NA	-	NA	NA	NA
108_M018N_2	108_M018N_2-2.0-2.5	E12-11760-010	11/29/2012	2.0	2.5	NA	-	0.26 U	1	NA	-	NA	-	NA	NA	NA
108_M018N_2	108_M018N_2-3.0-3.5	E12-11760-011	11/29/2012	3.0	3.5	NA	-	0.257 U	1	NA	-	NA	-	NA	NA	NA
108_M018N_2	108_M018N_2-4.0-4.5	E12-11760-012	11/29/2012	4.0	4.5	NA	-	0.256 U	1	NA	-	NA	-	NA	NA	NA
108_M018W2_2	108_M018W2_2-2.0-2.5	E12-11760-001	11/29/2012	2.0	2.5	NA	-	**106**	10	NA	-	NA	-	NA	NA	NA
108_M018W2_2	108_M018W2_2-3.0-3.5	E12-11760-002	11/29/2012	3.0	3.5	NA	-	2.94	1	NA	-	NA	-	NA	NA	NA
108_M018W2_2	108_M018W2_2-4.0-4.5†	E12-11760-003	11/29/2012	4.0	4.5	NA	-	5.82	1	NA	-	NA	-	NA	NA	NA
108_M018W2_2	REP-112912-2_E12-11760-037†	E12-11760-037	11/29/2012	-	-	NA	-	0.998	1	NA		NA	-	NA	NA	NA
108_M018W2_2	108_M018W2_2-5.0-5.5	E12-11760-004	11/29/2012	5.0	5.5	NA	-	0.266 U	1	NA	-	NA	-	NA	NA	NA
108_M018W2_3	108_M018W2_3-2.0-2.5	E12-11760-005	11/29/2012	2.0	2.5	NA	-	0.705	1	NA	-	NA	-	NA	NA	NA