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LABORATORY ANALYTICAL REPORT

Client: Powertech Uranium
Project: Fall River County Water Sampling
Lab ID: R06100076-005
Client Sample ID: #5 Spence

Report Date: 10/27/06
Collection Date: 10/03/06 11:36
Date Received: 10/04/06
Matrix: AQUEOUS

GW13

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
PHYSICAL PARAMETERS								
Alkalinity, Total as CaCO3	170	mg/L		5		1	A2320 B	10/06/06 12:13/JMH
Bicarbonate as HCO3	200	mg/L		5		1	A2320 B	10/06/06 12:13/JMH
Carbonate as CO3	ND	mg/L		5		1	A2320 B	10/06/06 12:13/JMH
Conductivity @ 25 C	1290	umhos/cm		5		1	A2510 B	10/07/06 14:30/AH
pH	7.93	s.u.		0.01		1	A4500-H B	10/07/06 14:44/AH
Solids, Total Dissolved TDS @ 180 C	880	mg/L		5		1	A2540 C	10/05/06 14:22/AH
INORGANIC PARAMETERS								
Calcium	61	mg/L		1		1	E200.7	10/19/06 14:29/SN
Chloride	11	mg/L		0.50		1	E300.0	10/05/06 20:45/JMH
Fluoride	0.43	mg/L		0.10		1	E300.0	10/05/06 20:45/JMH
Magnesium	22	mg/L		1		1	E200.7	10/19/06 14:29/SN
Nitrogen, Nitrate as N	ND	mg/L		0.10		1	E300.0	10/05/06 20:45/JMH
Potassium	9	mg/L		1		1	E200.7	10/19/06 14:29/SN
Sodium	180	mg/L		1		1	E200.7	10/19/06 14:29/SN
Sulfate	460	mg/L	D	7.2		10	E300.0	10/06/06 23:32/JMH
Silicon as SiO2	7	mg/L		2		1	E200.7	10/19/06 14:29/SN
NUTRIENT PARAMETERS								
Nitrogen, Ammonia as N	0.2	mg/L		0.1		1	A4500-NH3 G	10/05/06 16:47/JMH
RADIONUCLIDES - DISSOLVED								
Actinium 228	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Americium 241	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Bismuth 212	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Iodine 125	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Iodine 131	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Manganese 54	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Radium 223	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Radium 226	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Thallium 208	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Barium 133	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Bismuth 214	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Cesium 134	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Cesium 137	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Cobalt 60	ND	pCi/L		20		1	E901.1	10/11/06 14:50/eli-c
Gross Alpha	12	pCi/L		1.0		1	E900.0	10/20/06 10:00/eli-c
Gross Alpha precision (±)	0.70	pCi/L				1	E900.0	10/20/06 10:00/eli-c

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R07090385-005
Client Sample ID: Dew Burd GW 13

Report Date: 12/19/07
Collection Date: 09/27/07 15:45
Date Received: 09/28/07
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	168	mg/L		5		1	A2320 B	10/04/07 17:19/sn
Carbonate as CO3	ND	mg/L		5		1	A2320 B	10/04/07 17:19/sn
Bicarbonate as HCO3	205	mg/L		5		1	A2320 B	10/04/07 17:19/sn
Calcium	57.4	mg/L		0.5		2	E200.7	10/09/07 22:04/eli-c
Magnesium	21.0	mg/L		0.5		2	E200.7	10/09/07 22:04/eli-c
Potassium	11.3	mg/L		0.5		2	E200.7	10/09/07 22:04/eli-c
Silica	7.7	mg/L		0.5		2	E200.7	10/09/07 22:04/eli-c
Sodium	163	mg/L	D	2		2	E200.7	10/09/07 22:04/eli-c
Chloride	11	mg/L		1		1	E300.0	09/29/07 00:12/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	09/29/07 00:12/jmh
Nitrogen, Ammonia as N	0.6	mg/L		0.1		1	A4500-NH3 G	09/28/07 17:39/sn
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	09/29/07 00:12/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	09/29/07 00:12/jmh
Sulfate	488	mg/L	D	7		10	E300.0	10/02/07 05:09/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	1280	umhos/cm		5		1	A2510 B	10/02/07 18:45/jmh
pH	7.83	s.u.		0.01		1	A4500-H B	10/02/07 18:45/jmh
Solids, Total Dissolved TDS @ 180 C	890	mg/L		5		1	A2540 C	10/02/07 13:05/sn
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	10/09/07 03:10/eli-c
Arsenic	ND	mg/L		0.001		1	E200.8	10/09/07 03:10/eli-c
Barium	ND	mg/L		0.1		1	E200.8	10/09/07 03:10/eli-c
Boron	ND	mg/L		0.1		2	E200.7	10/09/07 22:04/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	10/09/07 03:10/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	10/09/07 03:10/eli-c
Copper	ND	mg/L		0.01		1	E200.8	10/09/07 03:10/eli-c
Iron	ND	mg/L		0.03		2	E200.7	10/09/07 22:04/eli-c
Lead	ND	mg/L		0.001		1	E200.8	10/09/07 03:10/eli-c
Manganese	0.10	mg/L		0.01		1	E200.8	10/09/07 03:10/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	10/09/07 03:10/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	10/09/07 03:10/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	10/09/07 03:10/eli-c
Selenium	ND	mg/L		0.001		1	E200.8	10/09/07 03:10/eli-c
Silver	ND	mg/L		0.005		1	E200.8	10/09/07 03:10/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	10/09/07 03:10/eli-c
Uranium	ND	mg/L		0.0003		1	E200.8	10/09/07 03:10/eli-c

Report Definitions:
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ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R07110146-007
Client Sample ID: DewBurdGW13

Report Date: 12/19/07
Collection Date: 11/12/07 12:15
Date Received: 11/13/07
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	142	mg/L		5		1	A2320 B	11/26/07 16:06/sn
Carbonate as CO3	ND	mg/L		5		1	A2320 B	11/26/07 16:06/sn
Bicarbonate as HCO3	173	mg/L		5		1	A2320 B	11/26/07 16:06/sn
Calcium	61.3	mg/L		0.5		1	E200.7	11/27/07 17:10/eli-c
Magnesium	25.1	mg/L		0.5		1	E200.7	11/27/07 17:10/eli-c
Potassium	11.7	mg/L		0.5		1	E200.7	11/27/07 17:10/eli-c
Silica	6.2	mg/L		0.5		1	E200.7	11/27/07 17:10/eli-c
Sodium	175	mg/L	D	0.8		1	E200.7	11/27/07 17:10/eli-c
Chloride	11	mg/L		1		1	E300.0	11/15/07 00:15/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	11/15/07 00:15/jmh
Nitrogen, Ammonia as N	0.1	mg/L		0.1		1	A4500-NH3 G	11/13/07 17:38/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	11/15/07 00:15/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	11/15/07 00:15/jmh
Sulfate	520	mg/L	D	40		50	E300.0	11/14/07 23:59/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	1140	umhos/cm		5		1	A2510 B	11/16/07 18:18/jmh
Oxidation-Reduction Potential	230	mV				1	A2580 B	11/13/07 09:00/sn
pH	7.75	s.u.		0.01		1	A4500-H B	11/16/07 14:16/jmh
Sodium Adsorption Ratio (SAR)	4.7			0.10		1	Calculation	12/10/07 16:45/lkl
Solids, Total Dissolved TDS @ 180 C	890	mg/L		5		1	A2540 C	11/15/07 16:07/jmh
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	11/15/07 19:47/eli-c
Arsenic	ND	mg/L		0.001		1	E200.8	11/15/07 19:47/eli-c
Barium	ND	mg/L		0.1		1	E200.8	11/15/07 19:47/eli-c
Boron	ND	mg/L		0.1		1	E200.7	11/27/07 17:10/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	11/15/07 19:47/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	11/15/07 19:47/eli-c
Copper	ND	mg/L		0.01		1	E200.8	11/15/07 19:47/eli-c
Iron	ND	mg/L		0.03		1	E200.7	11/27/07 17:10/eli-c
Lead	ND	mg/L		0.001		1	E200.8	11/15/07 19:47/eli-c
Manganese	0.20	mg/L		0.01		1	E200.8	11/15/07 19:47/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	11/15/07 19:47/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	11/15/07 19:47/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	11/15/07 19:47/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	11/28/07 13:41/eli-c
Silver	ND	mg/L		0.005		1	E200.8	11/15/07 19:47/eli-c

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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08020220-004
Client Sample ID: DewBurd GW13

Report Date: 05/08/08
Collection Date: 02/20/08 14:41
Date Received: 02/21/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	160	mg/L		5		1	A2320 B	02/26/08 16:05/sn
Carbonate as CO3	ND	mg/L		5		1	A2320 B	02/26/08 16:05/sn
Bicarbonate as HCO3	195	mg/L		5		1	A2320 B	02/26/08 16:05/sn
Calcium	58	mg/L	D	1		10	E200.7	03/03/08 21:05/eli-c
Chloride	10	mg/L		1		1	E300.0	02/21/08 20:36/sn
Fluoride	0.5	mg/L		0.1		1	E300.0	02/21/08 20:36/sn
Magnesium	22.4	mg/L		0.5		10	E200.7	03/03/08 21:05/eli-c
Nitrogen, Ammonia as N	ND	mg/L		0.1		1	A4500-NH3 G	02/26/08 14:26/sn
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	02/21/08 20:36/sn
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	02/21/08 20:36/sn
Potassium	11.8	mg/L		0.5		10	E200.7	03/03/08 21:05/eli-c
Silica	6.5	mg/L		0.5		1	E200.7	03/04/08 01:55/eli-c
Sodium	173	mg/L	D	8		10	E200.7	03/03/08 21:05/eli-c
Sulfate	499	mg/L	D	3		50	E300.0	02/21/08 20:21/sn
PHYSICAL PROPERTIES								
Conductivity @ 25 C	1330	umhos/cm		5.0		1	A2510 B	02/27/08 12:52/ch
Oxidation-Reduction Potential	200	mV				1	A2580 B	02/22/08 00:00/sn
pH	8.05	s.u.		0.01		1	A4500-H B	02/26/08 00:00/ch
Sodium Adsorption Ratio (SAR)	4.9	Unitless		0.10		1	Calculation	03/03/08 21:05/krs
Solids, Total Dissolved TDS @ 180 C	850	mg/L		5		1	A2540 C	02/22/08 10:33/sn
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	03/01/08 05:36/eli-c
Arsenic	ND	mg/L		0.001		1	E200.8	02/29/08 07:55/eli-c
Barium	ND	mg/L		0.1		1	E200.8	02/29/08 07:55/eli-c
Boron	ND	mg/L		0.1		1	E200.7	03/04/08 01:55/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	02/29/08 07:55/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	02/29/08 07:55/eli-c
Copper	ND	mg/L		0.01		1	E200.8	02/29/08 07:55/eli-c
Iron	ND	mg/L		0.03		1	E200.7	03/04/08 01:55/eli-c
Lead	ND	mg/L		0.001		1	E200.8	02/29/08 07:55/eli-c
Manganese	0.16	mg/L		0.01		1	E200.8	02/29/08 07:55/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	02/29/08 07:55/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	02/29/08 07:55/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	02/29/08 07:55/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	02/25/08 11:06/eli-c
Silver	ND	mg/L		0.005		1	E200.8	03/03/08 18:21/eli-c

Report Definitions:
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QCL - Quality control limit.
D - RL increased due to sample matrix interference.
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08050251-002
Client Sample ID: DewBurd GW13

Report Date: 07/30/08
Collection Date: 05/19/08 12:20
Date Received: 05/20/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	156	mg/L		5		1	A2320 B	05/22/08 09:59/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	05/22/08 09:59/mb
Bicarbonate as HCO3	190	mg/L		5		1	A2320 B	05/22/08 09:59/mb
Calcium	72.4	mg/L		0.5		2	E200.7	06/04/08 18:35/eli-c
Chloride	10	mg/L		1		1	E300.0	05/20/08 18:09/jmh
Fluoride	0.5	mg/L		0.1		1	E300.0	05/20/08 18:09/jmh
Magnesium	29.5	mg/L		0.5		2	E200.7	06/04/08 18:35/eli-c
Nitrogen, Ammonia as N	ND	mg/L		0.1		1	A4500-NH3 G	05/21/08 17:43/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	05/20/08 18:09/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	05/20/08 18:09/jmh
Potassium	11.5	mg/L		0.5		2	E200.7	06/04/08 18:35/eli-c
Silica	3.6	mg/L		0.5		2	E200.7	06/04/08 18:35/eli-c
Sodium	188	mg/L	D	2		2	E200.7	06/04/08 18:35/eli-c
Sulfate	442	mg/L	D	3		50	E300.0	05/20/08 17:19/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	1420	umhos/cm		5.0		1	A2510 B	05/23/08 16:08/tb
Oxidation-Reduction Potential	260	mV				1	A2580 B	05/23/08 00:00/kh
pH	7.96	s.u.		0.01		1	A4500-H B	05/23/08 14:46/kh
Sodium Adsorption Ratio (SAR)	4.7	unitless		0.10		1	Calculation	07/29/08 15:22/ADM
Solids, Total Dissolved TDS @ 180 C	880	mg/L		5		1	A2540 C	05/20/08 12:36/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	06/04/08 18:35/eli-c
Arsenic	ND	mg/L		0.001		1	E200.8	06/04/08 15:46/eli-c
Barium	ND	mg/L		0.1		2	E200.7	06/04/08 18:35/eli-c
Boron	ND	mg/L		0.1		2	E200.7	06/04/08 18:35/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	06/04/08 15:46/eli-c
Chromium	ND	mg/L		0.05		2	E200.7	06/04/08 18:35/eli-c
Copper	ND	mg/L		0.01		1	E200.8	06/04/08 15:46/eli-c
Iron	ND	mg/L		0.03		2	E200.7	06/04/08 18:35/eli-c
Lead	ND	mg/L		0.001		1	E200.8	06/04/08 15:46/eli-c
Manganese	0.20	mg/L		0.01		2	E200.7	06/04/08 18:35/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	06/04/08 15:46/eli-c
Molybdenum	ND	mg/L		0.1		2	E200.7	06/04/08 18:35/eli-c
Nickel	ND	mg/L		0.05		2	E200.7	06/04/08 18:35/eli-c
Selenium	ND	mg/L		0.005		1	A3114 B	06/03/08 15:12/eli-c
Silver	ND	mg/L		0.005		1	E200.8	06/04/08 15:46/eli-c

Report Definitions:
RL - Analyte reporting limit.
QCL - Quality control limit.
MDC - Minimum detectable concentration
MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.
D - RL increased due to sample matrix interference.