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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08030315-009
Client Sample ID: DewBurd GW3026

Report Date: 07/29/08
Collection Date: 03/30/08 18:45
Date Received: 03/31/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	130	mg/L		5		1	A2320 B	04/01/08 13:40/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	04/01/08 13:40/mb
Bicarbonate as HCO3	158	mg/L		5		1	A2320 B	04/01/08 13:40/mb
Calcium	284	mg/L		0.5		2	E200.7	04/11/08 13:21/eli-c
Chloride	37	mg/L	D	5		50	E300.0	04/01/08 00:54/jmh
Fluoride	0.6	mg/L		0.1		1	E300.0	04/01/08 01:09/jmh
Magnesium	67.9	mg/L		0.5		2	E200.7	04/11/08 13:21/eli-c
Nitrogen, Ammonia as N	1.2	mg/L		0.1		2	A4500-NH3 G	04/04/08 11:02/jmh
Nitrogen, Nitrate as N	0.1	mg/L		0.1		1	E300.0	04/01/08 01:09/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	04/01/08 01:09/jmh
Potassium	21.3	mg/L		0.5		2	E200.7	04/11/08 13:21/eli-c
Silica	5.7	mg/L		0.5		2	E200.7	04/11/08 13:21/eli-c
Sodium	271	mg/L		0.5		2	E200.7	04/11/08 13:21/eli-c
Sulfate	1470	mg/L	D	3		50	E300.0	04/01/08 00:54/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2770	umhos/cm		5.0		1	A2510 B	04/01/08 11:53/jmh
Oxidation-Reduction Potential	200	mV				1	A2580 B	04/04/08 00:00/jmh
pH	7.63	s.u.		0.01		1	A4500-H B	04/01/08 11:23/jmh
Sodium Adsorption Ratio (SAR)	3.7	unitless		0.10		1	Calculation	06/17/08 18:29/ADM
Solids, Total Dissolved TDS @ 180 C	2300	mg/L		5		1	A2540 C	03/31/08 13:51/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	04/11/08 13:21/eli-c
Arsenic	0.004	mg/L		0.001		1	E200.8	04/16/08 02:33/eli-c
Barium	ND	mg/L		0.1		2	E200.7	04/11/08 13:21/eli-c
Boron	ND	mg/L		0.1		2	E200.7	04/11/08 13:21/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	04/16/08 02:33/eli-c
Chromium	ND	mg/L		0.05		2	E200.7	04/11/08 13:21/eli-c
Copper	ND	mg/L		0.01		1	E200.8	04/16/08 02:33/eli-c
Iron	0.10	mg/L		0.03		2	E200.7	04/11/08 13:21/eli-c
Lead	ND	mg/L		0.001		1	E200.8	04/16/08 02:33/eli-c
Manganese	0.42	mg/L		0.01		2	E200.7	04/11/08 13:21/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	04/16/08 02:33/eli-c
Molybdenum	0.2	mg/L		0.1		2	E200.7	04/11/08 13:21/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	04/15/08 05:11/eli-c
Selenium	0.006	mg/L		0.001		1	A3114 B	04/07/08 12:34/eli-c
Silver	ND	mg/L		0.005		1	E200.8	04/16/08 02:33/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	04/16/08 02:33/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.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08040287-003
Client Sample ID: DewBurd GW3026

Report Date: 06/24/08
Collection Date: 04/22/08 14:30
Date Received: 04/23/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	126	mg/L		5		1	A2320 B	04/25/08 15:28/mb
Carbonate as CO3	10	mg/L		5		1	A2320 B	04/25/08 15:28/mb
Bicarbonate as HCO3	134	mg/L		5		1	A2320 B	04/25/08 15:28/mb
Calcium	331	mg/L		0.5		2	E200.7	05/08/08 21:37/eli-c
Chloride	16	mg/L		1		5	E300.0	05/10/08 22:21/eli-g
Fluoride	0.4	mg/L		0.1		5	E300.0	05/10/08 22:21/eli-g
Magnesium	86.8	mg/L		0.5		2	E200.7	05/08/08 21:37/eli-c
Nitrogen, Ammonia as N	0.8	mg/L		0.1		1	A4500-NH3 G	04/28/08 16:30/jmh
Potassium	23.7	mg/L		0.5		2	E200.7	05/08/08 21:37/eli-c
Silica	2.1	mg/L		0.5		2	E200.7	05/08/08 21:37/eli-c
Sodium	284	mg/L	D	2		2	E200.7	05/08/08 21:37/eli-c
Sulfate	1520	mg/L		1		10	E300.0	05/12/08 15:43/eli-g
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2730	umhos/cm		5.0		1	A2510 B	04/28/08 12:51/tb
Oxidation-Reduction Potential	240	mV				1	A2580 B	04/24/08 00:00/tb
pH	8.49	s.u.		0.01		1	A4500-H B	04/28/08 10:46/tb
Sodium Adsorption Ratio (SAR)	3.6	unitless		0.10		1	Calculation	06/18/08 08:38/ADM
Solids, Total Dissolved TDS @ 180 C	2300	mg/L		5		1	A2540 C	04/24/08 16:46/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	05/08/08 21:37/eli-c
Arsenic	0.012	mg/L		0.001		1	E200.8	05/07/08 02:12/eli-c
Barium	ND	mg/L		0.1		1	E200.8	05/07/08 02:12/eli-c
Boron	ND	mg/L		0.1		2	E200.7	05/08/08 21:37/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	05/07/08 02:12/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	05/07/08 02:12/eli-c
Copper	ND	mg/L		0.01		1	E200.8	05/07/08 02:12/eli-c
Iron	2.67	mg/L		0.03		2	E200.7	05/08/08 21:37/eli-c
Lead	ND	mg/L		0.001		1	E200.8	05/07/08 02:12/eli-c
Manganese	0.36	mg/L		0.01		1	E200.8	05/07/08 02:12/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	05/07/08 02:12/eli-c
Molybdenum	0.1	mg/L		0.1		1	E200.8	05/07/08 02:12/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	05/07/08 02:12/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	04/29/08 17:04/eli-c
Silver	ND	mg/L		0.005		1	E200.8	05/07/08 02:12/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	05/07/08 02:12/eli-c
Uranium	0.0150	mg/L		0.0003		1	E200.8	05/07/08 02:12/eli-c

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08050406-003
Client Sample ID: DewBurd GW3026

Report Date: 07/30/08
Collection Date: 05/28/08 15:15
Date Received: 05/29/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	166	mg/L		5		1	A2320 B	06/02/08 11:25/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	06/02/08 11:25/mb
Bicarbonate as HCO3	202	mg/L		5		1	A2320 B	06/02/08 11:25/mb
Calcium	407	mg/L		0.5		2	E200.7	06/16/08 17:23/eli-c
Chloride	15	mg/L		1		1	E300.0	05/29/08 15:15/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	05/29/08 15:15/jmh
Magnesium	105	mg/L		0.5		2	E200.7	06/16/08 17:23/eli-c
Nitrogen, Ammonia as N	0.7	mg/L		0.1		1	A4500-NH3 G	06/03/08 13:05/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	05/29/08 15:15/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	05/29/08 15:15/jmh
Potassium	25.3	mg/L		0.5		2	E200.7	06/16/08 17:23/eli-c
Silica	2.3	mg/L		0.5		2	E200.7	06/16/08 17:23/eli-c
Sodium	209	mg/L	D	2		2	E200.7	06/16/08 17:23/eli-c
Sulfate	1480	mg/L	D	3		50	E300.0	05/29/08 14:58/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2610	umhos/cm		5.0		1	A2510 B	05/29/08 15:17/tb
Oxidation-Reduction Potential	210	mV				1	A2580 B	06/04/08 00:00/jmh
pH	6.95	s.u.		0.01		1	A4500-H B	05/29/08 14:21/tb
Sodium Adsorption Ratio (SAR)	2.4	unitless		0.10		1	Calculation	07/18/08 18:14/ADM
Solids, Total Dissolved TDS @ 180 C	2400	mg/L		5		1	A2540 C	05/30/08 11:58/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	06/16/08 17:23/eli-c
Arsenic	0.002	mg/L		0.001		1	E200.8	06/23/08 02:58/eli-c
Barium	ND	mg/L		0.1		2	E200.7	06/16/08 17:23/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	06/16/08 17:23/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	06/23/08 02:58/eli-c
Chromium	ND	mg/L		0.05		2	E200.7	06/16/08 17:23/eli-c
Copper	ND	mg/L		0.01		1	E200.8	06/23/08 02:58/eli-c
Iron	0.23	mg/L		0.03		2	E200.7	06/16/08 17:23/eli-c
Lead	ND	mg/L		0.001		1	E200.8	06/23/08 02:58/eli-c
Manganese	0.82	mg/L		0.01		1	E200.8	06/23/08 02:58/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	06/23/08 02:58/eli-c
Molybdenum	ND	mg/L		0.1		2	E200.7	06/16/08 17:23/eli-c
Nickel	ND	mg/L		0.05		2	E200.7	06/16/08 17:23/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	06/20/08 15:25/eli-c
Silver	ND	mg/L		0.005		1	E200.8	06/24/08 13:05/eli-c

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08060427-006
Client Sample ID: DewBurd GW3026

Report Date: 08/21/08
Collection Date: 06/24/08 20:06
Date Received: 06/25/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	172	mg/L		5		1	A2320 B	07/03/08 11:46/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	07/03/08 11:46/mb
Bicarbonate as HCO3	210	mg/L		5		1	A2320 B	07/03/08 11:46/mb
Calcium	461	mg/L		0.5		2	E200.7	07/07/08 18:50/eli-c
Chloride	15	mg/L		1		1	E300.0	06/27/08 01:02/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	06/27/08 01:02/jmh
Magnesium	137	mg/L		0.5		2	E200.7	07/07/08 18:50/eli-c
Nitrogen, Ammonia as N	0.6	mg/L		0.1		1	A4500-NH3 G	06/25/08 15:52/ch
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	06/27/08 01:02/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	06/27/08 01:02/jmh
Potassium	22.3	mg/L		0.5		2	E200.7	07/07/08 18:50/eli-c
Silica	1.9	mg/L		0.5		2	E200.7	07/07/08 18:50/eli-c
Sodium	171	mg/L	D	2		2	E200.7	07/07/08 18:50/eli-c
Sulfate	1790	mg/L		1		20	E300.0	06/27/08 00:46/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2970	umhos/cm		5.0		1	A2510 B	07/01/08 11:11/tb
Oxidation-Reduction Potential	85	mV				1	A2580 B	06/27/08 00:00/jmh
pH	6.82	s.u.		0.01		1	A4500-H B	07/01/08 10:08/tb
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.10		1	Calculation	08/21/08 16:50/ADM
Solids, Total Dissolved TDS @ 180 C	2700	mg/L		5		1	A2540 C	06/27/08 11:58/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	07/07/08 18:50/eli-c
Arsenic	ND	mg/L		0.001		1	E200.8	07/15/08 18:26/eli-c
Barium	ND	mg/L		0.1		2	E200.7	07/07/08 18:50/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	07/07/08 18:50/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	07/15/08 18:26/eli-c
Chromium	ND	mg/L		0.05		2	E200.7	07/07/08 18:50/eli-c
Copper	ND	mg/L		0.01		1	E200.8	07/15/08 18:26/eli-c
Iron	0.04	mg/L		0.03		2	E200.7	07/07/08 18:50/eli-c
Lead	ND	mg/L		0.001		1	E200.8	07/15/08 18:26/eli-c
Manganese	1.42	mg/L		0.01		2	E200.7	07/07/08 18:50/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	07/15/08 18:26/eli-c
Molybdenum	ND	mg/L		0.1		2	E200.7	07/07/08 18:50/eli-c
Nickel	ND	mg/L		0.05		2	E200.7	07/07/08 18:50/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	07/19/08 16:21/eli-c
Silver	ND	mg/L		0.005		1	E200.8	07/15/08 18:26/eli-c

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08070220-001
Client Sample ID: DewBurd GW3026

Report Date: 10/01/08
Collection Date: 07/13/08 15:28
Date Received: 07/14/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	184	mg/L		5		1	A2320 B	07/15/08 17:41/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	07/15/08 17:41/mb
Bicarbonate as HCO3	224	mg/L		5		1	A2320 B	07/15/08 17:41/mb
Calcium	466	mg/L		0.5		1	E200.7	07/22/08 16:48/eli-c
Chloride	15	mg/L		1		1	E300.0	07/16/08 10:34/jmh
Fluoride	0.5	mg/L		0.1		1	E300.0	07/16/08 10:34/jmh
Magnesium	138	mg/L		0.5		1	E200.7	07/22/08 16:48/eli-c
Nitrogen, Ammonia as N	0.7	mg/L		0.1		1	A4500-NH3 G	07/17/08 15:58/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	07/16/08 10:34/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	07/16/08 10:34/jmh
Potassium	30.6	mg/L		0.5		1	E200.7	07/22/08 16:48/eli-c
Silica	1.4	mg/L		0.5		1	E200.7	07/22/08 16:48/eli-c
Sodium	168	mg/L		0.5		1	E200.7	07/22/08 16:48/eli-c
Sulfate	1700	mg/L	D	3		50	E300.0	07/16/08 09:45/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	3070	umhos/cm		5.0		1	A2510 B	07/17/08 10:22/tb
Oxidation-Reduction Potential	-15.5	mV				1	A2580 B	07/16/08 00:00/kh
pH	6.57	s.u.		0.01		1	A4500-H B	07/16/08 15:44/tb
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.10		1	Calculation	09/24/08 08:30/ADM
Solids, Total Dissolved TDS @ 180 C	2800	mg/L		5		1	A2540 C	07/14/08 15:38/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	07/26/08 07:52/eli-c
Arsenic	0.016	mg/L		0.001		1	E200.8	07/26/08 07:52/eli-c
Barium	ND	mg/L		0.1		1	E200.8	07/26/08 07:52/eli-c
Boron	0.1	mg/L		0.1		1	E200.7	07/22/08 16:48/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	07/26/08 07:52/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	07/26/08 07:52/eli-c
Copper	ND	mg/L		0.01		1	E200.8	07/26/08 07:52/eli-c
Iron	21.2	mg/L		0.03		1	E200.7	07/22/08 16:48/eli-c
Lead	ND	mg/L		0.001		1	E200.8	07/26/08 07:52/eli-c
Manganese	1.47	mg/L		0.01		1	E200.8	07/26/08 07:52/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	07/26/08 07:52/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	07/26/08 07:52/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	07/26/08 07:52/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	08/05/08 17:17/eli-c
Silver	ND	mg/L		0.005		1	E200.8	07/31/08 18:07/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	07/26/08 07:52/eli-c

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

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08080301-001
Client Sample ID: DewBurd GW3026

Report Date: 11/14/08
Collection Date: 08/19/08 16:25
Date Received: 08/20/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	208	mg/L		5		1	A2320 B	08/21/08 11:43/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	08/21/08 11:43/mb
Bicarbonate as HCO3	254	mg/L		5		1	A2320 B	08/21/08 11:43/mb
Calcium	499	mg/L		0.5		2	E200.7	09/02/08 17:29/eli-c
Chloride	15	mg/L		1		1	E300.0	08/21/08 23:06/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	08/21/08 23:06/jmh
Magnesium	152	mg/L		0.5		2	E200.7	09/02/08 17:29/eli-c
Nitrogen, Ammonia as N	0.6	mg/L		0.1		1	A4500-NH3 G	08/21/08 17:48/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	08/21/08 23:06/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	08/21/08 23:06/jmh
Potassium	21.9	mg/L		0.5		2	E200.7	09/02/08 17:29/eli-c
Silica	2.2	mg/L		0.5		2	E200.7	09/02/08 17:29/eli-c
Sodium	172	mg/L	D	2		2	E200.7	09/02/08 17:29/eli-c
Sulfate	1870	mg/L	D	3		50	E300.0	08/21/08 22:49/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	3480	umhos/cm		5.0		1	A2510 B	08/22/08 11:48/tb
Oxidation-Reduction Potential	130	mV				1	A2580 B	08/25/08 00:00/jmh
pH	7.07	s.u.		0.01		1	A4500-H B	08/22/08 13:53/tb
Sodium Adsorption Ratio (SAR)	1.7	unitless		0.10		1	Calculation	11/04/08 09:20/ADM
Solids, Total Dissolved TDS @ 180 C	2800	mg/L		5		1	A2540 C	08/25/08 15:53/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	09/02/08 17:29/eli-c
Arsenic	0.017	mg/L		0.001		1	E200.8	09/03/08 03:19/eli-c
Barium	ND	mg/L		0.1		2	E200.7	09/02/08 17:29/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	09/02/08 17:29/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	09/03/08 03:19/eli-c
Chromium	ND	mg/L		0.05		2	E200.7	09/02/08 17:29/eli-c
Copper	ND	mg/L		0.01		1	E200.8	09/03/08 03:19/eli-c
Iron	25.4	mg/L		0.03		2	E200.7	09/02/08 17:29/eli-c
Lead	ND	mg/L		0.001		1	E200.8	09/03/08 03:19/eli-c
Manganese	1.60	mg/L		0.01		1	E200.8	09/03/08 03:19/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	09/03/08 03:19/eli-c
Molybdenum	ND	mg/L		0.1		2	E200.7	09/02/08 17:29/eli-c
Nickel	ND	mg/L		0.05		2	E200.7	09/02/08 17:29/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	09/01/08 11:37/eli-c
Silver	ND	mg/L		0.005		1	E200.8	09/03/08 03:19/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	09/03/08 03:19/eli-c

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

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08080301-002
Client Sample ID: DewBurd GW3026

Report Date: 11/14/08
Collection Date: 08/19/08 16:35
Date Received: 08/20/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	206	mg/L		5		1	A2320 B	08/21/08 11:46/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	08/21/08 11:46/mb
Bicarbonate as HCO3	251	mg/L		5		1	A2320 B	08/21/08 11:46/mb
Calcium	481	mg/L		0.5		2	E200.7	09/02/08 17:45/eli-c
Chloride	15	mg/L		1		1	E300.0	08/22/08 00:12/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	08/22/08 00:12/jmh
Magnesium	147	mg/L		0.5		2	E200.7	09/02/08 17:45/eli-c
Nitrogen, Ammonia as N	0.6	mg/L		0.1		1	A4500-NH3 G	08/21/08 17:50/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	08/22/08 00:12/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	08/22/08 00:12/jmh
Potassium	21.9	mg/L		0.5		2	E200.7	09/02/08 17:45/eli-c
Silica	2.2	mg/L		0.5		2	E200.7	09/02/08 17:45/eli-c
Sodium	172	mg/L	D	2		2	E200.7	09/02/08 17:45/eli-c
Sulfate	1670	mg/L	D	3		50	E300.0	08/21/08 23:22/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	3310	umhos/cm		5.0		1	A2510 B	08/22/08 11:49/tb
Oxidation-Reduction Potential	160	mV				1	A2580 B	08/25/08 00:00/jmh
pH	7.08	s.u.		0.01		1	A4500-H B	08/22/08 13:56/tb
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.10		1	Calculation	11/04/08 09:20/ADM
Solids, Total Dissolved TDS @ 180 C	2800	mg/L		5		1	A2540 C	08/25/08 15:53/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	09/02/08 17:45/eli-c
Arsenic	0.014	mg/L		0.001		1	E200.8	09/03/08 03:59/eli-c
Barium	ND	mg/L		0.1		2	E200.7	09/02/08 17:45/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	09/02/08 17:45/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	09/03/08 03:59/eli-c
Chromium	ND	mg/L		0.05		2	E200.7	09/02/08 17:45/eli-c
Copper	ND	mg/L		0.01		1	E200.8	09/03/08 03:59/eli-c
Iron	22.7	mg/L		0.03		2	E200.7	09/02/08 17:45/eli-c
Lead	ND	mg/L		0.001		1	E200.8	09/03/08 03:59/eli-c
Manganese	1.59	mg/L		0.01		1	E200.8	09/03/08 03:59/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	09/03/08 03:59/eli-c
Molybdenum	ND	mg/L		0.1		2	E200.7	09/02/08 17:45/eli-c
Nickel	ND	mg/L		0.05		2	E200.7	09/02/08 17:45/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	09/01/08 11:35/eli-c
Silver	ND	mg/L		0.005		1	E200.8	09/03/08 03:59/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	09/03/08 03:59/eli-c

Report Definitions:
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MCL - Maximum contaminant level.
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D - RL increased due to sample matrix interference.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08090356-008
Client Sample ID: DewBurd GW3026

Report Date: 11/20/08
Collection Date: 09/23/08 11:25
Date Received: 09/24/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	174	mg/L		5		1	A2320 B	10/02/08 14:35/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	10/02/08 14:35/mb
Bicarbonate as HCO3	212	mg/L		5		1	A2320 B	10/02/08 14:35/mb
Calcium	46.4	mg/L		0.5		2	E200.7	10/10/08 12:20/eli-c
Chloride	12	mg/L		1		1	E300.0	09/25/08 18:12/jmh
Fluoride	0.5	mg/L		0.1		1	E300.0	09/25/08 18:12/jmh
Magnesium	17.3	mg/L		0.5		2	E200.7	10/10/08 12:20/eli-c
Nitrogen, Ammonia as N	0.2	mg/L		0.1		1	A4500-NH3 G	09/30/08 14:22/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	09/25/08 18:12/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	09/25/08 18:12/jmh
Potassium	7.6	mg/L		0.5		2	E200.7	10/10/08 12:20/eli-c
Sodium	229	mg/L		2		2	E200.7	10/10/08 12:20/eli-c
Sulfate	514	mg/L		1		10	E300.0	09/26/08 23:57/jmh
Silica	ND	mg/L		0.5		2	E200.7	10/10/08 12:20/eli-c
PHYSICAL PROPERTIES								
Conductivity @ 25 C	1040	umhos/cm		5.0		1	A2510 B	09/25/08 10:46/tb
Oxidation-Reduction Potential	150	mV				1	A2580 B	09/25/08 00:00/jmh
pH	7.93	s.u.		0.01		1	A4500-H B	09/25/08 11:28/tb
Sodium Adsorption Ratio (SAR)	7.3	unitless		0.10		1	Calculation	11/17/08 14:15/ADM
Solids, Total Dissolved TDS @ 180 C	880	mg/L		5		1	A2540 C	09/30/08 13:58/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	10/10/08 12:20/eli-c
Arsenic	ND	mg/L		0.001		1	E200.8	10/02/08 05:24/eli-c
Barium	ND	mg/L		0.1		1	E200.8	10/02/08 05:24/eli-c
Boron	ND	mg/L		0.1		2	E200.7	10/10/08 12:20/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	10/02/08 05:24/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	10/02/08 05:24/eli-c
Copper	ND	mg/L		0.01		1	E200.8	10/02/08 05:24/eli-c
Iron	ND	mg/L		0.03		2	E200.7	10/10/08 12:20/eli-c
Lead	ND	mg/L		0.001		1	E200.8	10/02/08 05:24/eli-c
Manganese	0.07	mg/L		0.01		1	E200.8	10/02/08 05:24/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	10/02/08 05:24/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	10/02/08 05:24/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	10/02/08 05:24/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	10/02/08 16:23/eli-c
Silver	ND	mg/L		0.005		1	E200.8	10/02/08 05:24/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	10/02/08 05:24/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: R08100295-007
Client Sample ID: DewBurd GW3026

Report Date: 12/29/08
Collection Date: 10/20/08 13:15
Date Received: 10/22/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	194	mg/L		5		1	A2320 B	10/27/08 15:58/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	10/27/08 15:58/mb
Bicarbonate as HCO3	236	mg/L		5		1	A2320 B	10/27/08 15:58/mb
Calcium	331	mg/L		0.5		2	E200.7	11/05/08 17:53/eli-c
Chloride	17	mg/L		1		1	E300.0	10/23/08 01:10/jmh
Fluoride	0.3	mg/L		0.1		1	E300.0	10/23/08 01:10/jmh
Magnesium	104	mg/L		0.5		2	E200.7	11/05/08 17:53/eli-c
Nitrogen, Ammonia as N	0.4	mg/L		0.1		1	A4500-NH3 G	10/23/08 18:00/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	10/23/08 01:10/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	10/23/08 01:10/jmh
Potassium	19.0	mg/L		0.5		2	E200.7	11/05/08 17:53/eli-c
Sodium	168	mg/L	D	2		2	E200.7	11/05/08 17:53/eli-c
Sulfate	1360	mg/L	D	3		50	E300.0	10/23/08 00:53/jmh
Silica	9.9	mg/L		0.2		2	E200.7	11/05/08 17:53/eli-c
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2660	umhos/cm		5.0		1	A2510 B	10/28/08 17:22/tb
Oxidation-Reduction Potential	210	mV				1	A2580 B	10/27/08 19:00/jmh
pH	7.12	s.u.		0.01		1	A4500-H B	10/28/08 13:44/tb
Sodium Adsorption Ratio (SAR)	2.1	unitless		0.10		1	Calculation	12/10/08 17:07/ADM
Solids, Total Dissolved TDS @ 180 C	1700	mg/L		5		1	A2540 C	10/24/08 15:47/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		2	E200.7	11/05/08 17:53/eli-c
Arsenic	0.002	mg/L		0.001		1	E200.8	11/05/08 06:46/eli-c
Barium	ND	mg/L		0.1		1	E200.8	11/05/08 06:46/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	11/05/08 17:53/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	11/05/08 06:46/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	11/05/08 06:46/eli-c
Copper	ND	mg/L		0.01		1	E200.8	11/05/08 06:46/eli-c
Iron	3.36	mg/L		0.03		2	E200.7	11/05/08 17:53/eli-c
Lead	ND	mg/L		0.001		1	E200.8	11/05/08 06:46/eli-c
Manganese	0.92	mg/L		0.01		1	E200.8	11/05/08 06:46/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	11/05/08 06:46/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	11/05/08 06:46/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	11/05/08 06:46/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	10/31/08 09:56/eli-c
Silver	ND	mg/L		0.005		1	E200.8	11/05/08 14:36/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	11/05/08 06:46/eli-c

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

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08110211-007
Client Sample ID: DewBurd GW3026

Report Date: 01/29/09
Collection Date: 11/18/08 11:19
Date Received: 11/19/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	184	mg/L		5		1	A2320 B	11/25/08 11:41/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	11/25/08 11:41/mb
Bicarbonate as HCO3	224	mg/L		5		1	A2320 B	11/25/08 11:41/mb
Calcium	375	mg/L		0.5		2	E200.7	12/10/08 17:00/eli-c
Chloride	17	mg/L		1		1	E300.0	11/20/08 20:47/jmh
Fluoride	0.3	mg/L		0.1		1	E300.0	11/20/08 20:47/jmh
Magnesium	117	mg/L		0.5		2	E200.7	12/10/08 17:00/eli-c
Nitrogen, Ammonia as N	0.5	mg/L		0.1		1	A4500-NH3 G	11/25/08 17:19/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	11/20/08 20:47/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	11/20/08 20:47/jmh
Potassium	19.3	mg/L		0.5		2	E200.7	12/10/08 17:00/eli-c
Sodium	170	mg/L	D	2		2	E200.7	12/10/08 17:00/eli-c
Sulfate	1370	mg/L	D	3		50	E300.0	11/21/08 06:05/jmh
Silica	9.1	mg/L		0.2		2	E200.7	12/10/08 17:00/eli-c
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2310	umhos/cm		5.0		1	A2510 B	11/25/08 15:37/tb
Oxidation-Reduction Potential	290	mV				1	A2580 B	11/25/08 16:00/jmh
pH	7.44	s.u.		0.01		1	A4500-H B	11/25/08 14:53/tb
Sodium Adsorption Ratio (SAR)	2.0	unitless		0.10		1	Calculation	01/29/09 11:40/ADM
Solids, Total Dissolved TDS @ 180 C	2300	mg/L		5		1	A2540 C	11/21/08 11:34/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	12/03/08 20:27/eli-c
Arsenic	0.002	mg/L		0.001		1	E200.8	12/03/08 20:27/eli-c
Barium	ND	mg/L		0.1		1	E200.8	12/03/08 20:27/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	12/10/08 17:00/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	12/03/08 20:27/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	12/03/08 20:27/eli-c
Copper	ND	mg/L		0.01		1	E200.8	12/03/08 20:27/eli-c
Iron	3.59	mg/L		0.03		2	E200.7	12/10/08 17:00/eli-c
Lead	ND	mg/L		0.001		1	E200.8	12/03/08 20:27/eli-c
Manganese	1.04	mg/L		0.01		1	E200.8	12/03/08 20:27/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	12/03/08 20:27/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	12/03/08 20:27/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	12/03/08 20:27/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	12/05/08 10:00/eli-c
Silver	ND	mg/L		0.005		1	E200.8	12/05/08 03:57/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	12/03/08 20:27/eli-c

Report Definitions:
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MCL - Maximum contaminant level.
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D - RL increased due to sample matrix interference.

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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08120255-004
Client Sample ID: DewBurd GW3026

Report Date: 01/27/09
Collection Date: 12/17/08 12:46
Date Received: 12/18/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	180	mg/L		5		1	A2320 B	12/23/08 10:17/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	12/23/08 10:17/mb
Bicarbonate as HCO3	219	mg/L		5		1	A2320 B	12/23/08 10:17/mb
Calcium	377	mg/L		0.5		2	E200.7	01/05/09 13:03/eli-c
Chloride	16	mg/L		1		1	E300.0	12/19/08 00:46/jmh
Fluoride	0.4	mg/L		0.1		1	E300.0	12/19/08 00:46/jmh
Magnesium	120	mg/L		0.5		2	E200.7	01/05/09 13:03/eli-c
Nitrogen, Ammonia as N	0.5	mg/L		0.1		1	A4500-NH3 G	12/26/08 14:57/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	12/19/08 00:46/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	12/19/08 00:46/jmh
Potassium	19.7	mg/L		0.5		2	E200.7	01/05/09 13:03/eli-c
Sodium	164	mg/L	D	2		2	E200.7	01/05/09 13:03/eli-c
Sulfate	1290	mg/L	D	3		50	E300.0	12/18/08 23:56/jmh
Silica	9.6	mg/L		0.2		2	E200.7	01/05/09 13:03/eli-c
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2490	umhos/cm		5.0		1	A2510 B	12/19/08 09:07/tb
Oxidation-Reduction Potential	310	mV				1	A2580 B	12/23/08 14:30/jmh
pH	6.83	s.u.		0.01		1	A4500-H B	12/19/08 10:24/tb
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.10		1	Calculation	01/23/09 16:16/ADM
Solids, Total Dissolved TDS @ 180 C	2300	mg/L		5		1	A2540 C	12/22/08 12:09/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	12/26/08 18:51/eli-c
Arsenic	0.002	mg/L		0.001		1	E200.8	12/26/08 18:51/eli-c
Barium	ND	mg/L		0.1		1	E200.8	12/26/08 18:51/eli-c
Boron	0.2	mg/L		0.1		2	E200.7	01/05/09 13:03/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	12/26/08 18:51/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	12/26/08 18:51/eli-c
Copper	ND	mg/L		0.01		1	E200.8	12/26/08 18:51/eli-c
Iron	6.93	mg/L		0.03		2	E200.7	01/05/09 13:03/eli-c
Lead	ND	mg/L		0.001		1	E200.8	12/26/08 18:51/eli-c
Manganese	1.18	mg/L		0.01		1	E200.8	12/26/08 18:51/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	12/26/08 18:51/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	12/26/08 18:51/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	12/26/08 18:51/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	01/09/09 15:49/eli-c
Silver	ND	mg/L		0.005		1	E200.8	12/26/08 18:51/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	12/26/08 18:51/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.

ENERGY LABORATORIES, INC. * 2821 Plant St * Rapid City, SD 57702
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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R09010301-010
Client Sample ID: DewBurd GW3026

Report Date: 03/17/09
Collection Date: 01/20/09 14:25
Date Received: 01/21/09
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	174	mg/L		5		1	A2320 B	01/26/09 14:30/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	01/26/09 14:30/mb
Bicarbonate as HCO3	212	mg/L		5		1	A2320 B	01/26/09 14:30/mb
Calcium	350	mg/L		0.5		2	E200.7	01/30/09 20:42/eli-c
Chloride	16	mg/L		1		1	E300.0	01/22/09 06:24/jmh
Fluoride	0.6	mg/L		0.1		1	E300.0	01/22/09 06:24/jmh
Magnesium	114	mg/L		0.5		2	E200.7	01/30/09 20:42/eli-c
Nitrogen, Ammonia as N	0.5	mg/L		0.1		1	A4500-NH3 G	01/21/09 17:22/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	01/22/09 06:24/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	01/22/09 06:24/jmh
Potassium	20.6	mg/L		0.5		2	E200.7	01/30/09 20:42/eli-c
Sodium	161	mg/L		0.5		2	E200.7	01/30/09 20:42/eli-c
Sulfate	1310	mg/L	D	3		50	E300.0	01/22/09 05:34/jmh
Silica	8.5	mg/L		0.2		2	E200.7	01/30/09 20:42/eli-c
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2600	umhos/cm		5.0		1	A2510 B	01/22/09 15:03/tb
Oxidation-Reduction Potential	240	mV				1	A2580 B	01/27/09 11:00/jmh
pH	6.67	s.u.		0.01		1	A4500-H B	01/22/09 10:15/tb
Sodium Adsorption Ratio (SAR)	1.9	unitless		0.10		1	Calculation	03/16/09 16:28/ADM
Solids, Total Dissolved TDS @ 180 C	2100	mg/L		5		1	A2540 C	01/26/09 09:22/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	02/03/09 18:40/eli-c
Arsenic	0.001	mg/L		0.001		5	E200.8	01/30/09 19:04/eli-c
Barium	ND	mg/L		0.1		5	E200.8	01/30/09 19:04/eli-c
Boron	ND	mg/L		0.1		2	E200.7	01/30/09 20:42/eli-c
Cadmium	ND	mg/L		0.005		5	E200.8	01/30/09 19:04/eli-c
Chromium	ND	mg/L		0.05		5	E200.8	01/30/09 19:04/eli-c
Copper	ND	mg/L		0.01		5	E200.8	01/30/09 19:04/eli-c
Iron	6.85	mg/L		0.03		2	E200.7	01/30/09 20:42/eli-c
Lead	ND	mg/L		0.001		5	E200.8	01/30/09 19:04/eli-c
Manganese	1.16	mg/L		0.01		5	E200.8	01/30/09 19:04/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	02/03/09 18:40/eli-c
Molybdenum	ND	mg/L		0.1		5	E200.8	01/30/09 19:04/eli-c
Nickel	ND	mg/L		0.05		5	E200.8	01/30/09 19:04/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	02/25/09 10:37/eli-c
Silver	ND	mg/L		0.005		5	E200.8	01/30/09 19:04/eli-c
Thorium 232	ND	mg/L		0.005		5	E200.8	01/30/09 19:04/eli-c
Uranium	0.0039	mg/L		0.0003		5	E200.8	01/30/09 19:04/eli-c

Report Definitions:
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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: R09020293-003
Client Sample ID: DewBurd GW3026

Report Date: 04/14/09
Collection Date: 02/24/09 11:35
Date Received: 02/25/09
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	176	mg/L		5		1	A2320 B	03/03/09 14:22/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	03/03/09 14:22/mb
Bicarbonate as HCO3	215	mg/L		5		1	A2320 B	03/03/09 14:22/mb
Calcium	334	mg/L	D	6		5	E200.7	03/06/09 21:46/eli-c
Chloride	16	mg/L		1		1	E300.0	02/26/09 00:56/jmh
Fluoride	0.6	mg/L		0.1		1	E300.0	02/26/09 00:56/jmh
Magnesium	108	mg/L		0.5		5	E200.7	03/06/09 21:46/eli-c
Nitrogen, Ammonia as N	0.4	mg/L		0.1		1	A4500-NH3 G	02/27/09 15:26/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	02/26/09 00:56/jmh
Nitrogen, Nitrite as N	ND	mg/L		0.1		1	E300.0	02/26/09 00:56/jmh
Potassium	17.5	mg/L		0.5		5	E200.7	03/06/09 21:46/eli-c
Sodium	147	mg/L		0.5		5	E200.7	03/06/09 21:46/eli-c
Sulfate	1390	mg/L	D	3		50	E300.0	02/26/09 00:06/jmh
Silica	8.1	mg/L		0.2		5	E200.7	03/06/09 21:46/eli-c
PHYSICAL PROPERTIES								
Conductivity @ 25 C	2510	umhos/cm		5.0		1	A2510 B	02/27/09 12:44/tb
Oxidation-Reduction Potential	170	mV				1	A2580 B	03/02/09 11:00/jmh
pH	6.63	s.u.		0.01		1	A4500-H B	02/27/09 10:50/tb
Sodium Adsorption Ratio (SAR)	1.8	unitless		0.10		1	Calculation	04/07/09 09:24/ADM
Solids, Total Dissolved TDS @ 180 C	2300	mg/L		5		1	A2540 C	03/02/09 09:57/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.8	03/04/09 19:52/eli-c
Arsenic	0.001	mg/L		0.001		1	E200.8	03/04/09 19:52/eli-c
Barium	ND	mg/L		0.1		1	E200.8	03/04/09 19:52/eli-c
Boron	0.2	mg/L		0.1		5	E200.7	03/06/09 21:46/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	03/04/09 19:52/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	03/04/09 19:52/eli-c
Copper	ND	mg/L		0.01		1	E200.8	03/04/09 19:52/eli-c
Iron	2.98	mg/L		0.03		5	E200.7	03/06/09 21:46/eli-c
Lead	ND	mg/L		0.001		1	E200.8	03/04/09 19:52/eli-c
Manganese	1.10	mg/L		0.01		1	E200.8	03/04/09 19:52/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	03/04/09 19:52/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.8	03/04/09 19:52/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	03/04/09 19:52/eli-c
Selenium	ND	mg/L		0.001		1	A3114 B	03/09/09 10:44/eli-ca
Silver	ND	mg/L		0.005		1	E200.8	03/04/09 19:52/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	03/04/09 19:52/eli-c
Uranium	0.0022	mg/L		0.0003		1	E200.8	03/04/09 19:52/eli-c

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