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LABORATORY ANALYTICAL REPORT

Client: RESPEC Inc
Project: Edgemont
Lab ID: R08070115-007
Client Sample ID: DewBurd GW686

Report Date: 09/12/08
Collection Date: 07/07/08 19:03
Date Received: 07/08/08
Matrix: AQUEOUS

Analyses	Result	Units	Qual	RL	MCL/ QCL	DF	Method	Analysis Date / By
MAJOR IONS								
Alkalinity, Total as CaCO3	42	mg/L		5		1	A2320 B	07/15/08 15:01/mb
Carbonate as CO3	ND	mg/L		5		1	A2320 B	07/15/08 15:01/mb
Bicarbonate as HCO3	51	mg/L		5		1	A2320 B	07/15/08 15:01/mb
Calcium	150	mg/L		0.5		1	E200.7	07/22/08 16:08/eli-c
Chloride	13	mg/L		1		1	E300.0	07/09/08 00:21/jmh
Fluoride	0.3	mg/L		0.1		1	E300.0	07/09/08 00:21/jmh
Magnesium	49.5	mg/L		0.5		1	E200.7	07/22/08 16:08/eli-c
Nitrogen, Ammonia as N	0.6	mg/L		0.1		1	A4500-NH3 G	07/14/08 14:55/jmh
Nitrogen, Nitrate as N	ND	mg/L		0.1		1	E300.0	07/09/08 00:21/jmh
Nitrogen, Nitrite as N	0.1	mg/L		0.1		1	E300.0	07/09/08 00:21/jmh
Potassium	27.7	mg/L		0.5		1	E200.7	07/22/08 16:08/eli-c
Silica	1.7	mg/L		0.5		1	E200.7	07/22/08 16:08/eli-c
Sodium	176	mg/L		0.5		1	E200.7	07/22/08 16:08/eli-c
Sulfate	812	mg/L	D	3		50	E300.0	07/09/08 00:04/jmh
PHYSICAL PROPERTIES								
Conductivity @ 25 C	1720	umhos/cm		5.0		1	A2510 B	07/10/08 09:54/tb
Oxidation-Reduction Potential	210	mV				1	A2580 B	07/11/08 00:00/kh
pH	8.68	s.u.		0.01		1	A4500-H B	07/10/08 11:09/tb
Sodium Adsorption Ratio (SAR)	3.2	unitless		0.10		1	Calculation	09/11/08 08:58/ADM
Solids, Total Dissolved TDS @ 180 C	1300	mg/L		5		1	A2540 C	07/14/08 14:54/mb
METALS - DISSOLVED								
Aluminum	ND	mg/L		0.1		1	E200.7	07/22/08 16:08/eli-c
Arsenic	0.002	mg/L		0.001		1	E200.8	07/26/08 05:15/eli-c
Barium	ND	mg/L		0.1		1	E200.7	07/22/08 16:08/eli-c
Boron	ND	mg/L		0.1		1	E200.7	07/22/08 16:08/eli-c
Cadmium	ND	mg/L		0.005		1	E200.8	07/29/08 19:10/eli-c
Chromium	ND	mg/L		0.05		1	E200.8	07/29/08 19:10/eli-c
Copper	ND	mg/L		0.01		1	E200.7	07/22/08 16:08/eli-c
Iron	ND	mg/L		0.03		1	E200.7	07/22/08 16:08/eli-c
Lead	ND	mg/L		0.001		1	E200.8	07/26/08 05:15/eli-c
Manganese	0.03	mg/L		0.01		1	E200.8	07/29/08 19:10/eli-c
Mercury	ND	mg/L		0.001		1	E200.8	07/26/08 05:15/eli-c
Molybdenum	ND	mg/L		0.1		1	E200.7	07/22/08 16:08/eli-c
Nickel	ND	mg/L		0.05		1	E200.8	07/29/08 19:10/eli-c
Selenium	0.002	mg/L		0.001		1	A3114 B	08/05/08 17:15/eli-c
Silver	ND	mg/L		0.005		1	E200.8	07/29/08 19:10/eli-c
Thorium 232	ND	mg/L		0.005		1	E200.8	07/26/08 05:15/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.