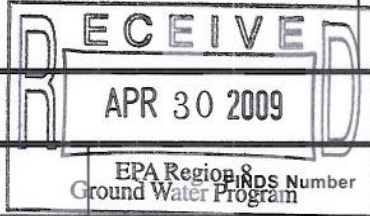




United States Environmental Protection Agency
**Underground Injection Control
 Permit Application**
 (Collected under the authority of the Safe Drinking
 Water Act. Sections 1421, 1422, 40 CFR 144)

I. EPA ID Number		T/A	C
U			



Read Attached Instructions Before Starting
 For Official Use Only

Application approved mo day year	Date received mo day year	Permit Number	Well ID

II. Owner Name and Address			III. Operator Name and Address		
Owner Name Powertech (USA) Inc.			Owner Name Powertech (USA) Inc.		
Street Address 5575 DTC Pkwy, Suite 140 303		Phone Number -790-7528	Street Address 5575 DTC Pkwy, Suite 140 303		Phone Number -790-7528
City Greenwood Village	State CO	ZIP CODE 80111	City Greenwood Village	State CO	ZIP CODE 80111

IV. Commercial Facility	V. Ownership	VI. Legal Contact	VII. SIC Codes
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Private <input type="checkbox"/> Federal <input type="checkbox"/> Other	<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator	1094-Uranium-Radium- Vanadium Ores

VIII. Well Status (Mark "x")			
<input type="checkbox"/> A. Operating	Date Started mo day year	<input checked="" type="checkbox"/> B. Modification/Conversion	<input type="checkbox"/> C. Proposed
		Aquifer Testing Well	

IX. Type of Permit Requested (Mark "x" and specify if required)			
<input checked="" type="checkbox"/> A. Individual	<input type="checkbox"/> B. Area	Number of Existing Wells	Number of Proposed Wells 1
		Name(s) of field(s) or project(s) Centennial Uranium Project	

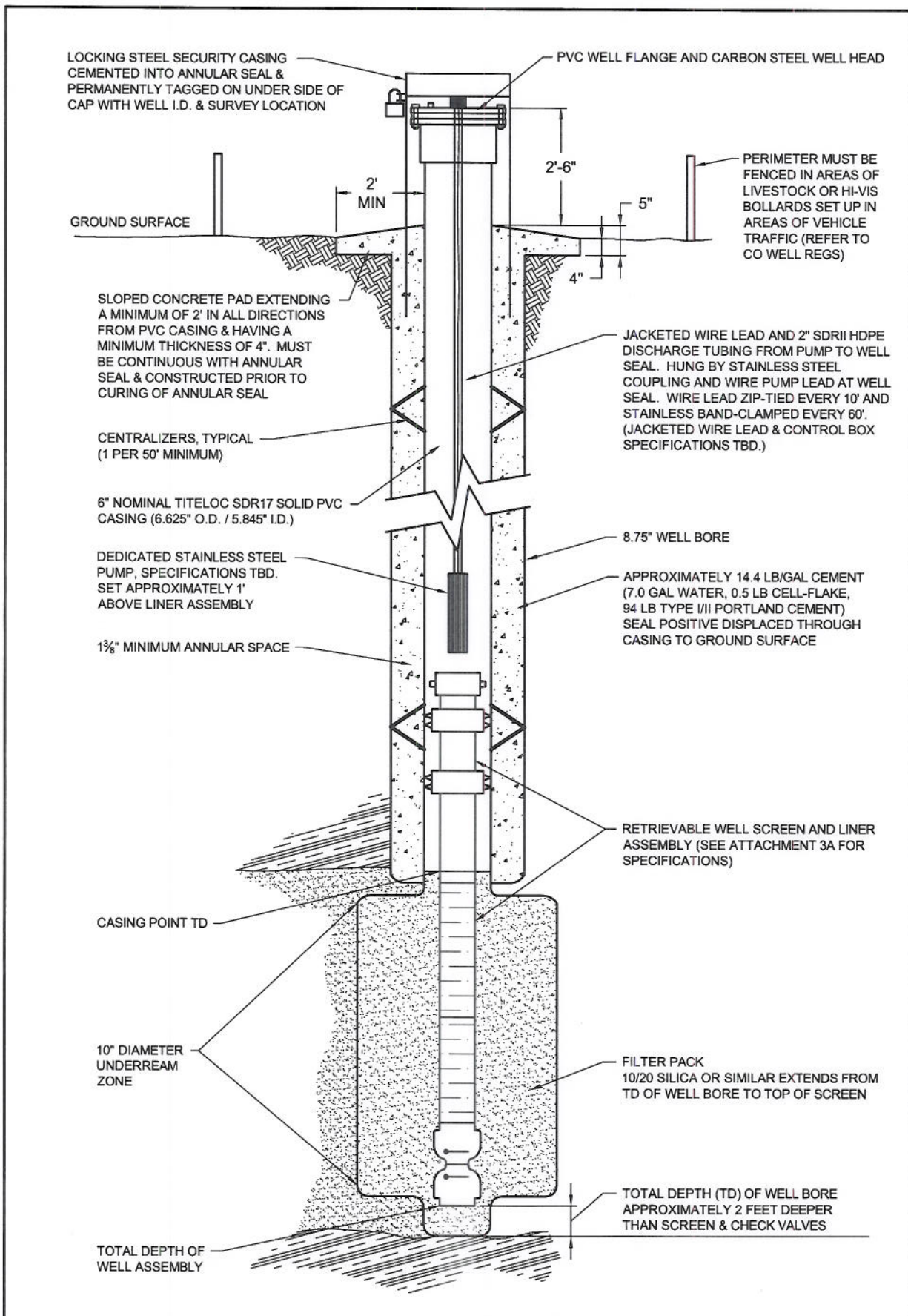
X. Class and Type of Well (see reverse)			
A. Class(es) (enter code(s)) Class V	B. Type(s) (enter code(s))	C. If class is "other" or type is code 'x,' explain	D. Number of wells per type (if area permit)

XI. Location of Well(s) or Approximate Center of Field or Project											XII. Indian Lands (Mark "x")		
Latitude			Longitude			Township and Range					<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Deg	Min	Sec	Deg	Min	Sec	Sec	Twp	Range	1/4 Sec	Feet From		Line	Feet From
						33	10N	67W	NE	2080	N	1560	E

XIII. Attachments
 (Complete the following questions on a separate sheet(s) and number accordingly; see instructions)
 For Classes I, II, III, (and other classes) complete and submit on a separate sheet(s) Attachments A--U (pp 2-6) as appropriate. Attach maps where required. List attachments by letter which are applicable and are included with your application.

XIV. Certification
 I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR 144.32)

A. Name and Title (Type or Print) Richard Blubaugh, VP of EH&S Resources	B. Phone No. (Area Code and No.) 303-790-7528
C. Signature 	D. Date Signed 4/30/09

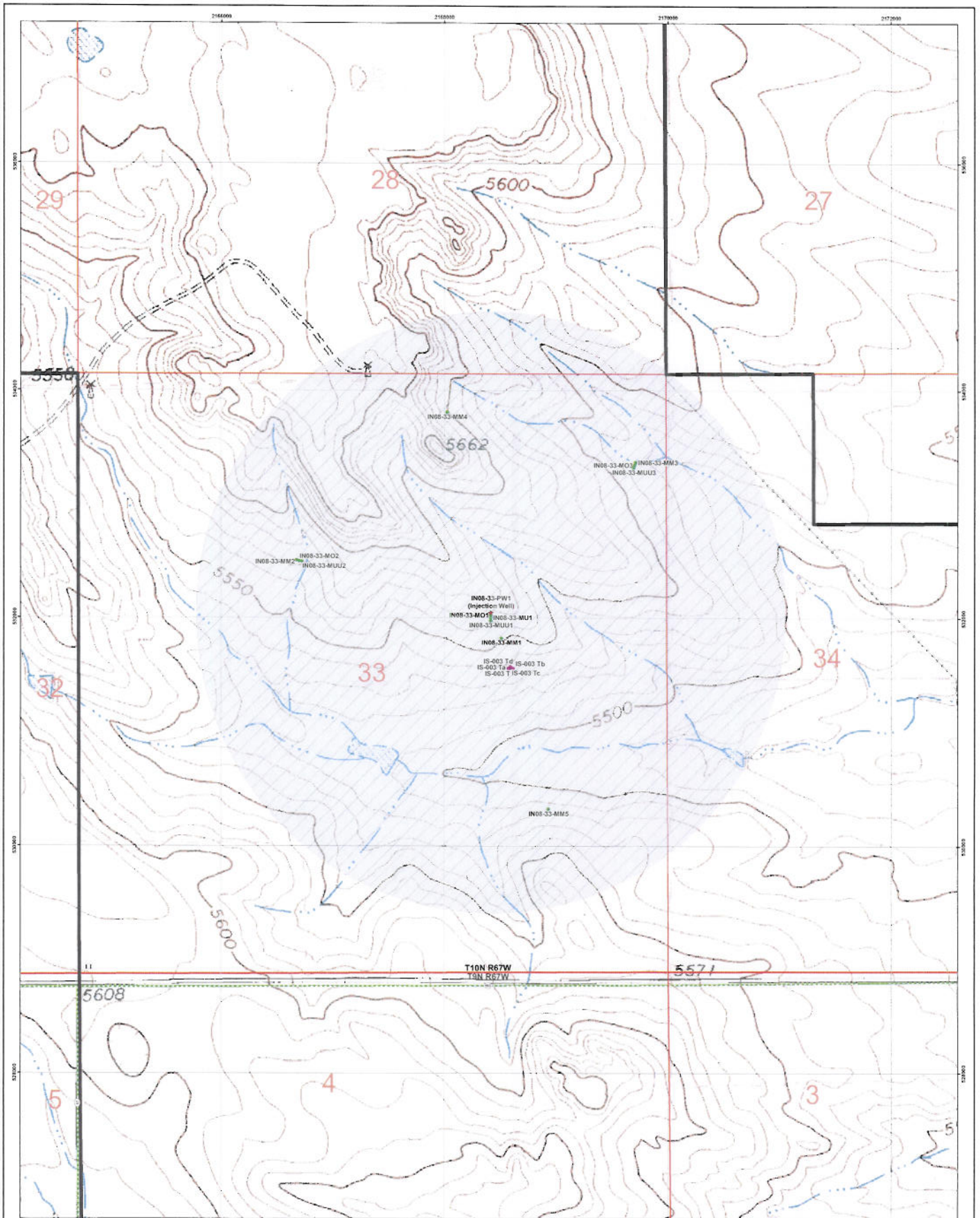


**ATTACHMENT C - Centennial Project
Monitoring Well Construction Detail
Wells Constructed with Positive Displacement**



POWERTECH (USA) INC.

CHECK SCALES If this bar does not measure 1 inch this map is not at its original scale	PROJECT	Centennial	SCALE	Not to Scale
	COORDS	n/a	REF	208
FILENAME	p:\centennial\maps\monwellconstdetail-pd.dwg		DATE	28-Apr-2009
			CHECKED	D. Tschopp
				ANSI B 11" x 17"



Legend

- | | |
|--|----------------------------|
| | Road Classification |
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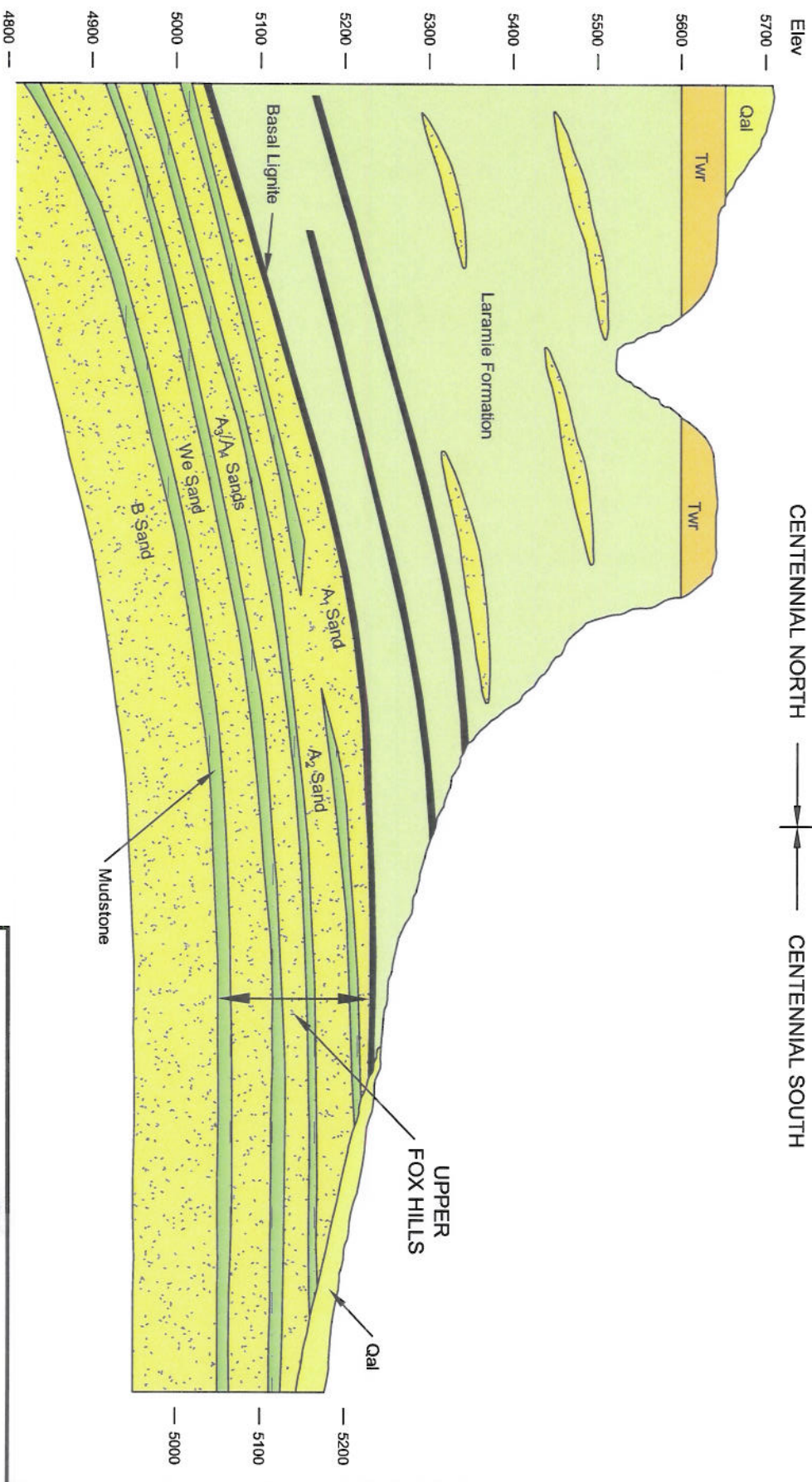


<p>Attachment A Site Map - Class V UIC Permit Weld County, Colorado</p>																			
<table border="1"> <thead> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>CHECKED</th> <th>APPROVED</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	NO.	DESCRIPTION	CHECKED	APPROVED	DATE						<table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>FOR</th> <th>REVISION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	BY	FOR	REVISION				
NO.	DESCRIPTION	CHECKED	APPROVED	DATE															
DATE	BY	FOR	REVISION																
<p>1</p>																			

North

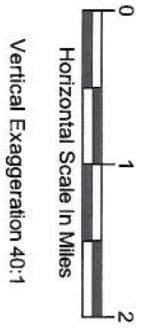
CENTENNIAL NORTH ———> CENTENNIAL SOUTH

South



LEGEND

- Twr Tertiary White River Formation
- Qal Quaternary Alluvium



Powerretech (usa) Inc.



Attachment B
Generalized Geologic
Cross-Section
Centennial Project

Date: 3/31/09 Drawn by: RJV Drawing: Gen-Geo-X-Sec.dwg



LABORATORY ANALYTICAL REPORT

Client: Powertech (USA) Inc
Project: Centennial R2-00150
Lab ID: C08061324-001
Client Sample ID: IS-003T (A2 Sand - Pump Well)

Report Date: 08/12/08
Collection Date: 06/25/08 10:43
Date Received: 06/27/08
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	228	mg/L		1		A2320 B	07/01/08 11:58 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	07/01/08 11:58 / ljl
Bicarbonate as HCO3	278	mg/L		1		A2320 B	07/01/08 11:58 / ljl
Hydroxide as OH	ND	mg/L		1		A2320 B	07/01/08 11:58 / ljl
Calcium	87	mg/L		1		E200.7	07/16/08 13:30 / cp
Chloride	9	mg/L		1		A4500-Cl B	07/09/08 13:16 / ljl
Fluoride	0.5	mg/L		0.1		A4500-F C	06/30/08 14:58 / ljl
Magnesium	29	mg/L		1		E200.7	07/16/08 13:30 / cp
Phosphorus, Ortho as P, Dissolved	ND	mg/L		0.01		E365.1	07/08/08 10:20 / eli-h
Phosphorus, Total as P	0.01	mg/L		0.01		E365.1	07/03/08 10:55 / eli-h
Potassium	7	mg/L		1		E200.7	07/16/08 13:30 / cp
Silica	6.8	mg/L		0.1		E200.7	07/11/08 14:05 / cp
Sodium	29	mg/L		1		E200.7	07/11/08 14:05 / cp
Sulfate	107	mg/L		5		A4500-SO4 E	07/02/08 10:01 / sp
MAJOR IONS - DISSOLVED							
Nitrogen, Nitrate as N	ND	mg/L		0.1		E353.2	07/01/08 11:12 / sw
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	06/30/08 13:25 / jal
Nitrogen, Nitrite as N	ND	mg/L	H	0.1		A4500-NO2 B	06/27/08 16:58 / jal
NON-METALS							
Organic Carbon, Total (TOC)	1.1	mg/L		0.5		A5310 C	07/09/08 21:31 / jp
Sulfide	ND	mg/L		1		A4500-S F	07/01/08 15:16 / sp
PHYSICAL PROPERTIES							
Hardness as CaCO3	336	mg/L		1		A2340 B	07/16/08 13:30 / sw
Solids, Total Dissolved TDS @ 180 C	405	mg/L		10		A2540 C	06/28/08 10:49 / dd
Solids, Total Suspended TSS @ 105 C	19	mg/L		10		A2540 D	06/30/08 11:44 / jh
Calcium, SAR	4.36	meq/L		0.05		E200.7	07/16/08 13:30 / cp
Magnesium, SAR	2.38	meq/L		0.08		E200.7	07/16/08 13:30 / cp
Sodium, SAR	1	meq/L		1		E200.7	07/16/08 13:30 / cp
Sodium Adsorption Ratio (SAR)	0.7	unitless		0.1		Calculation	07/16/08 13:30 / sw
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	07/11/08 14:05 / cp
Antimony	0.001	mg/L		0.001		E200.8	07/21/08 22:40 / sml
Arsenic	ND	mg/L		0.001		E200.8	07/21/08 22:40 / sml
Barium	ND	mg/L		0.1		E200.7	07/11/08 14:05 / cp
Beryllium	ND	mg/L		0.001		E200.7	07/11/08 14:05 / cp
Boron	0.1	mg/L		0.1		E200.7	07/11/08 14:05 / cp
Cadmium	ND	mg/L		0.001		E200.8	07/21/08 22:40 / sml

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.

H - Analysis performed past recommended holding time.



LABORATORY ANALYTICAL REPORT

Client: Powertech (USA) Inc
 Project: Centennial R2-00150
 Lab ID: C08061324-001
 Client Sample ID: IS-003T

Report Date: 08/12/08
 Collection Date: 06/25/08 10:43
 Date Received: 06/27/08
 Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Chromium	ND	mg/L		0.01		E200.7	07/11/08 14:05 / cp
Cobalt	ND	mg/L		0.01		E200.7	07/11/08 14:05 / cp
Copper	ND	mg/L		0.01		E200.7	07/11/08 14:05 / cp
Iron	ND	mg/L		0.03		E200.7	07/11/08 14:05 / cp
Lead	ND	mg/L		0.01		E200.8	07/21/08 22:40 / sml
Manganese	0.11	mg/L		0.01		E200.7	07/11/08 14:05 / cp
Mercury	ND	mg/L		0.0002		E200.8	07/23/08 14:08 / sml
Molybdenum	ND	mg/L		0.01		E200.7	07/11/08 14:05 / cp
Nickel	ND	mg/L		0.01		E200.7	07/11/08 14:05 / cp
Selenium	ND	mg/L		0.001		E200.8	07/21/08 22:40 / sml
Silver	ND	mg/L		0.05		E200.7	07/11/08 14:05 / cp
Strontium	1.5	mg/L		0.1		E200.7	07/11/08 14:05 / cp
Thallium	ND	mg/L		0.001		E200.8	07/21/08 22:40 / sml
Uranium	0.222	mg/L		0.0003		E200.8	07/21/08 22:40 / sml
Vanadium	ND	mg/L		0.1		E200.7	07/11/08 14:05 / cp
Zinc	ND	mg/L		0.01		E200.7	07/11/08 14:05 / cp
METALS - TOTAL							
Aluminum	0.7	mg/L		0.1		E200.7	07/08/08 02:05 / cp
Antimony	0.066	mg/L	D	0.002		E200.8	07/17/08 00:04 / ts
Arsenic	ND	mg/L		0.001		E200.8	07/17/08 00:04 / ts
Barium	ND	mg/L		0.1		E200.7	07/08/08 02:05 / cp
Beryllium	ND	mg/L		0.001		E200.8	07/21/08 16:05 / ts
Boron	0.1	mg/L		0.1		E200.7	07/08/08 02:05 / cp
Cadmium	ND	mg/L		0.001		E200.8	07/17/08 00:04 / ts
Calcium	96	mg/L		1		E200.7	07/08/08 02:05 / cp
Chromium	ND	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Cobalt	ND	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Copper	0.02	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Iron	13.1	mg/L		0.03		E200.7	07/08/08 02:05 / cp
Lead	ND	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Magnesium	26	mg/L		1		E200.7	07/08/08 02:05 / cp
Manganese	0.22	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Mercury	ND	mg/L		0.0002		E245.1	07/07/08 21:09 / eli-b
Molybdenum	ND	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Nickel	ND	mg/L		0.01		E200.7	07/08/08 02:05 / cp
Potassium	7	mg/L		1		E200.7	07/08/08 02:05 / cp
Selenium	0.002	mg/L	D	0.002		E200.8	07/17/08 00:04 / ts
Silica	9.3	mg/L		0.1		E200.7	07/08/08 02:05 / cp
Silver	ND	mg/L		0.05		E200.7	07/08/08 02:05 / cp
Sodium	30	mg/L		1		E200.7	07/08/08 02:05 / cp
Strontium	1.5	mg/L		0.1		E200.7	07/08/08 02:05 / cp

Report RL - Analyte reporting limit.

Definitions: 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.



LABORATORY ANALYTICAL REPORT

Client: Powertech (USA) Inc
 Project: Centennial R2-00150
 Lab ID: C08061324-001
 Client Sample ID: IS-003T

Report Date: 08/12/08
 Collection Date: 06/25/08 10:43
 Date Received: 06/27/08
 Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Thallium	ND	mg/L		0.001		E200.8	07/17/08 00:04 / ts
Uranium	0.250	mg/L		0.0003		E200.8	07/18/08 17:24 / ts
Vanadium	ND	mg/L		0.1		E200.7	07/08/08 02:05 / cp
Zinc	0.03	mg/L		0.01		E200.7	07/08/08 02:05 / cp
RADIONUCLIDES - DISSOLVED							
Gross Alpha	786	pCi/L				E900.0	08/05/08 09:25 / crw
Gross Alpha precision (±)	15.6	pCi/L				E900.0	08/05/08 09:25 / crw
Gross Alpha MDC	2.9	pCi/L				E900.0	08/05/08 09:25 / crw
Gross Beta	149	pCi/L				E900.0	08/05/08 09:25 / crw
Gross Beta precision (±)	3.5	pCi/L				E900.0	08/05/08 09:25 / crw
Gross Beta MDC	2.8	pCi/L				E900.0	08/05/08 09:25 / crw
Radium 226	15.0	pCi/L				E903.0	07/21/08 18:07 / trs
Radium 226 precision (±)	0.7	pCi/L				E903.0	07/21/08 18:07 / trs
Radium 226 MDC	0.2	pCi/L				E903.0	07/21/08 18:07 / trs
RADIONUCLIDES - TOTAL							
Radon 222	88500	pCi/L		100		D5072-92	06/30/08 17:19 / dpb
Radon 222 precision (±)	473	pCi/L				D5072-92	06/30/08 17:19 / dpb
DATA QUALITY							
A/C Balance (± 5)	7.35	%				Calculation	08/12/08 10:12 / sw
Anions	7.05	meq/L				Calculation	08/12/08 10:12 / sw
Cations	8.17	meq/L				Calculation	08/12/08 10:12 / sw
Solids, Total Dissolved Calculated	417	mg/L				Calculation	08/12/08 10:12 / sw
TDS Balance (0.80 - 1.20)	0.970					Calculation	08/12/08 10:12 / sw
- The Anion / Cation balance was confirmed by re-analysis.							
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		0.50		SW8021B	07/04/08 16:59 / dkh
Ethylbenzene	ND	ug/L		0.50		SW8021B	07/04/08 16:59 / dkh
m+p-Xylenes	ND	ug/L		0.50		SW8021B	07/04/08 16:59 / dkh
o-Xylene	ND	ug/L		0.50		SW8021B	07/04/08 16:59 / dkh
Toluene	15	ug/L		0.50		SW8021B	07/04/08 16:59 / dkh
Surr: Trifluorotoluene	96.0	%REC		80-120		SW8021B	07/04/08 16:59 / dkh

Report RL - Analyte reporting limit.
 Definitions: QCL - Quality control limit.
 MDC - Minimum detectable concentration

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



LABORATORY ANALYTICAL REPORT

Client: Powertech (USA) Inc
Project: Centennial R2-00151
Lab ID: C08061325-001
Client Sample ID: IS-003Ta (Laramie Fm. - Upper Most Aquifer)

Report Date: 08/21/08
Collection Date: 06/25/08 10:51
Date Received: 06/27/08
Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
MAJOR IONS							
Alkalinity, Total as CaCO3	337	mg/L		1		A2320 B	07/01/08 12:05 / ljl
Carbonate as CO3	ND	mg/L		1		A2320 B	07/01/08 12:05 / ljl
Bicarbonate as HCO3	411	mg/L		1		A2320 B	07/01/08 12:05 / ljl
Hydroxide as OH	ND	mg/L		1		A2320 B	07/01/08 12:05 / ljl
Calcium	226	mg/L		1		E200.7	08/19/08 17:02 / cp
Chloride	9	mg/L		1		A4500-Cl B	07/09/08 13:23 / ljl
Fluoride	0.5	mg/L		0.1		A4500-F C	06/30/08 15:00 / ljl
Magnesium	66	mg/L		1		E200.7	08/19/08 17:02 / cp
Phosphorus, Ortho as P, Dissolved	ND	mg/L		0.01		E365.1	07/08/08 10:22 / eli-h
Phosphorus, Total as P	0.02	mg/L		0.01		E365.1	07/07/08 12:37 / eli-h
Potassium	15	mg/L		1		E200.7	08/19/08 17:02 / cp
Silica	5.2	mg/L		0.1		E200.7	08/19/08 17:02 / cp
Sodium	88	mg/L		1		E200.7	08/19/08 17:02 / cp
Sulfate	479	mg/L	D	6		A4500-SO4 E	07/02/08 10:04 / sp
MAJOR IONS - DISSOLVED							
Nitrogen, Nitrate as N	ND	mg/L		0.1		E353.2	07/01/08 11:12 / sw
Nitrogen, Nitrate+Nitrite as N	ND	mg/L		0.1		E353.2	06/30/08 13:33 / jal
Nitrogen, Nitrite as N	ND	mg/L		0.1		A4500-NO2 B	06/27/08 16:58 / jal
NON-METALS							
Organic Carbon, Total (TOC)	3.3	mg/L		0.5		A5310 C	07/09/08 21:42 / jp
Sulfide	ND	mg/L		1		A4500-S F	07/01/08 15:18 / sp
PHYSICAL PROPERTIES							
Hardness as CaCO3	835	mg/L		1		A2340 B	08/20/08 13:54 / sw
Solids, Total Dissolved TDS @ 180 C	1080	mg/L		10		A2540 C	06/28/08 10:49 / dd
Solids, Total Suspended TSS @ 105 C	18	mg/L		10		A2540 D	06/30/08 11:44 / jh
Calcium, SAR	11.3	meq/L		0.05		E200.7	08/19/08 17:02 / cp
Magnesium, SAR	5.48	meq/L		0.08		E200.7	08/19/08 17:02 / cp
Sodium, SAR	3.84	meq/L		0.04		E200.7	08/19/08 17:02 / cp
Sodium Adsorption Ratio (SAR)	1.3	unitless		0.1		Calculation	08/20/08 15:54 / kbh
METALS - DISSOLVED							
Aluminum	ND	mg/L		0.1		E200.7	08/19/08 17:02 / cp
Antimony	ND	mg/L		0.001		E200.8	08/20/08 06:19 / sml
Arsenic	ND	mg/L		0.001		E200.8	08/20/08 06:19 / sml
Barium	ND	mg/L		0.1		E200.7	08/19/08 17:02 / cp
Beryllium	ND	mg/L		0.001		E200.7	08/19/08 17:02 / cp
Boron	0.2	mg/L		0.1		E200.7	08/19/08 17:02 / cp
Cadmium	ND	mg/L		0.001		E200.8	08/20/08 06:19 / sml

Report RL - Analyte reporting limit.

Definitions: 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.



LABORATORY ANALYTICAL REPORT

Client: Powertech (USA) Inc
 Project: Centennial R2-00151
 Lab ID: C08061325-001
 Client Sample ID: IS-003Ta

Report Date: 08/21/08
 Collection Date: 06/25/08 10:51
 Date Received: 06/27/08
 Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
METALS - DISSOLVED							
Chromium	ND	mg/L		0.01		E200.7	08/19/08 17:02 / cp
Cobalt	ND	mg/L		0.01		E200.7	08/19/08 17:02 / cp
Copper	ND	mg/L		0.01		E200.7	08/19/08 17:02 / cp
Iron	ND	mg/L		0.03		E200.7	08/19/08 17:02 / cp
Lead	ND	mg/L		0.01		E200.8	08/20/08 06:19 / sml
Manganese	0.14	mg/L		0.01		E200.7	08/19/08 17:02 / cp
Mercury	ND	mg/L		0.0002		E200.8	08/20/08 06:19 / sml
Molybdenum	ND	mg/L		0.01		E200.7	08/19/08 17:02 / cp
Nickel	ND	mg/L		0.01		E200.7	08/19/08 17:02 / cp
Selenium	ND	mg/L		0.001		E200.8	08/20/08 06:19 / sml
Silver	ND	mg/L		0.05		E200.7	08/19/08 17:02 / cp
Strontium	2.9	mg/L		0.1		E200.7	08/19/08 17:02 / cp
Thallium	ND	mg/L		0.001		E200.8	08/20/08 06:19 / sml
Uranium	0.0095	mg/L		0.0003		E200.8	08/20/08 06:19 / sml
Vanadium	ND	mg/L		0.1		E200.7	08/19/08 17:02 / cp
Zinc	0.07	mg/L		0.01		E200.7	08/19/08 17:02 / cp
METALS - TOTAL							
Aluminum	0.1	mg/L		0.1		E200.7	07/08/08 02:09 / cp
Antimony	0.001	mg/L		0.001		E200.8	07/21/08 16:38 / ts
Arsenic	0.003	mg/L		0.001		E200.8	07/21/08 16:38 / ts
Barium	ND	mg/L		0.1		E200.7	07/08/08 02:09 / cp
Beryllium	ND	mg/L		0.001		E200.8	07/21/08 16:38 / ts
Boron	0.2	mg/L		0.1		E200.7	07/08/08 02:09 / cp
Cadmium	ND	mg/L		0.001		E200.8	07/17/08 00:11 / ts
Calcium	208	mg/L		1		E200.7	07/08/08 02:09 / cp
Chromium	ND	mg/L		0.01		E200.7	07/08/08 02:09 / cp
Cobalt	ND	mg/L		0.01		E200.7	07/08/08 02:09 / cp
Copper	0.01	mg/L		0.01		E200.7	07/08/08 02:09 / cp
Iron	0.25	mg/L		0.03		E200.7	07/08/08 02:09 / cp
Lead	ND	mg/L		0.01		E200.8	07/17/08 00:11 / ts
Magnesium	58	mg/L		1		E200.7	07/08/08 02:09 / cp
Manganese	0.15	mg/L		0.01		E200.7	07/08/08 02:09 / cp
Mercury	ND	mg/L		0.0002		E245.1	07/07/08 21:11 / eli-b
Molybdenum	ND	mg/L		0.01		E200.8	07/17/08 00:11 / ts
Nickel	ND	mg/L		0.01		E200.8	07/17/08 00:11 / ts
Potassium	15	mg/L		1		E200.7	07/08/08 02:09 / cp
Selenium	ND	mg/L		0.001		E200.8	07/21/08 16:38 / ts
Silica	5.7	mg/L		0.1		E200.7	07/08/08 02:09 / cp
Silver	ND	mg/L		0.05		E200.7	07/08/08 02:09 / cp
Sodium	84	mg/L		1		E200.7	07/08/08 02:09 / cp
Strontium	2.9	mg/L		0.1		E200.7	07/08/08 02:09 / cp

Report RL - Analyte reporting limit.

Definitions: QCL - Quality control limit.

MDC - Minimum detectable concentration

MCL - Maximum contaminant level.

ND - Not detected at the reporting limit.



LABORATORY ANALYTICAL REPORT

Client: Powertech (USA) Inc
 Project: Centennial R2-00151
 Lab ID: C08061325-001
 Client Sample ID: IS-003Ta

Report Date: 08/21/08
 Collection Date: 06/25/08 10:51
 Date Received: 06/27/08
 Matrix: Aqueous

Analyses	Result	Units	Qualifier	RL	MCL/ QCL	Method	Analysis Date / By
METALS - TOTAL							
Thallium	ND	mg/L		0.001		E200.8	07/17/08 00:11 / ts
Uranium	0.0112	mg/L		0.0003		E200.8	07/21/08 16:38 / ts
Vanadium	ND	mg/L		0.1		E200.7	07/08/08 02:09 / cp
Zinc	0.08	mg/L		0.01		E200.7	07/08/08 02:09 / cp
RADIONUCLIDES - DISSOLVED							
Gross Alpha	25.7	pCi/L				E900.0	08/14/08 20:31 / crw
Gross Alpha precision (±)	5.1	pCi/L				E900.0	08/14/08 20:31 / crw
Gross Alpha MDC	5.2	pCi/L				E900.0	08/14/08 20:31 / crw
Gross Beta	13.8	pCi/L				E900.0	08/14/08 20:31 / crw
Gross Beta precision (±)	3.7	pCi/L				E900.0	08/14/08 20:31 / crw
Gross Beta MDC	5.8	pCi/L				E900.0	08/14/08 20:31 / crw
Radium 226	4.7	pCi/L				E903.0	07/21/08 18:07 / trs
Radium 226 precision (±)	0.5	pCi/L				E903.0	07/21/08 18:07 / trs
Radium 226 MDC	0.3	pCi/L				E903.0	07/21/08 18:07 / trs
RADIONUCLIDES - TOTAL							
Radon 222	532	pCi/L		100		D5072-92	06/30/08 17:19 / dpb
Radon 222 precision (±)	90.9	pCi/L				D5072-92	06/30/08 17:19 / dpb
DATA QUALITY							
A/C Balance (± 5)	10.4	%				Calculation	08/21/08 10:28 / lab
Anions	17.0	meq/L				Calculation	08/21/08 10:28 / lab
Cations	20.9	meq/L				Calculation	08/21/08 10:28 / lab
Solids, Total Dissolved Calculated	1090	mg/L				Calculation	08/21/08 10:28 / lab
TDS Balance (0.80 - 1.20)	0.990					Calculation	08/21/08 10:28 / lab
- The Anion / Cation balance was confirmed by re-analysis.							
VOLATILE ORGANIC COMPOUNDS							
Benzene	ND	ug/L		0.50		SW8021B	07/04/08 17:34 / dkh
Ethylbenzene	ND	ug/L		0.50		SW8021B	07/04/08 17:34 / dkh
m+p-Xylenes	ND	ug/L		0.50		SW8021B	07/04/08 17:34 / dkh
o-Xylene	ND	ug/L		0.50		SW8021B	07/04/08 17:34 / dkh
Toluene	0.78	ug/L		0.50		SW8021B	07/04/08 17:34 / dkh
Surr: Trifluorotoluene	94.0	%REC		80-120		SW8021B	07/04/08 17:34 / dkh

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