

SOIL BORING LOG

BORING NUMBER

050-D

PROJECT NUMBER 3470-001 (15)	SOIL LOGGED BY <i>Paul Stone</i>	SCREEN TYPE AND SLOT SIZE <i>PVC 0.010"</i>	HOLLOW STEM AUGER INSIDE DIAMETER 4.25"
CLIENT <i>Wellington Water Works</i>	DATE STARTED <i>01/16/06</i>	SAND SIZE <i>10/20</i>	BOREHOLE DIAMETER <i>8 inches</i>
DRILLING COMPANY <i>Spectrum Exploration, Inc.</i>	DATE COMPLETED <i>01/17/06</i>	RISER TYPE AND SIZE <i>PVC 2-inch</i>	SAMPLING METHOD <i>Cuttings</i>
DRILLING RIG TYPE <i>CME 75</i>	TOTAL DRILLED DEPTH <i>~ 66 ft. bgs</i>	INITIAL GROUNDWATER DEPTH <i>45 ft. bgs</i>	GROUND ELEVATION (top of casing) <i>~ 5319 ft amsl</i>
DRILLER(S) <i>Todd and Terry</i>	CONVERTED TO MONITORING WELL (Y/N) <i>Yes</i>	RELATIVE LOCATION OF BORING <i>See Sketch Below</i>	

RECEIVED

FEB 06 2006

WATER RESOURCES
STATE ENGINEER
COLO.

GEOLOGIC DESCRIPTION

DEPTH (FT)	SAMPLES LAB ANALYZED	RECOVERY (INCHES)	HEADSPACE PID TESTING (PPM)				WELL GRAPHIC	SOIL GRAPHIC LOG	DESCRIPTION
			VALUE	0	10	100			
0								<p><i>Top Soil, tilled earth</i> <i>Depths referenced to surface grade</i> <i>Red-Brown sandy CLAY, minor gravel, clay is plastic, very slightly moist</i></p>	
								<p><i>Red-Brown Sand and Gravel, coarse sand and pea gravel, poorly sorted, dry</i></p>	
10								<p><i>Same as above, with minor gravel to 1.5", loose, dry</i></p>	
								<p><i>Red-Brown Sand and Gravel, coarse sand and pea gravel, poorly sorted, dry</i></p>	
20								<p><i>Light Brown Sand, coarse grain, well sorted, slightly moist</i></p>	
								<p><i>Red-Brown Sand and Gravel, coarse sand and pea gravel, poorly sorted, moist</i></p>	
30								<p><i>Same as above</i> <i>Fining downward</i></p>	
								<p><i>Same as above. wet at 38'</i></p>	
40								<p><i>Red-Brown clayey SAND, minor gravel, wet</i></p>	
								<p><i>Same as above</i> <i>Grain size coarsens</i></p>	
50								<p><i>Red-Brown Sand and Gravel?, no return of cuttings</i></p>	
								<p><i>Red-Brown Sand and Gravel?, feels like cobbles, no return of cuttings</i></p>	
60								<p style="text-align: center;">↓ Continued ↓</p>	

01/23/06

01/16/06



STEWART ENVIRONMENTAL CONSULTANTS, INC.

Consulting Engineers and Scientists

PROJECT

Wellington Water Works

COUNTY

Larimer

BORING NUMBER

050-D

ADDRESS

3218 East CR 70

CITY/STATE

Wellington, Colorado

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OF

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SOIL BORING LOG

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050-D

PROJECT NUMBER

3470-001 (15)

DATE STARTED

01/16/06

DATE COMPLETED

01/17/06

TOTAL DRILLED DEPTH

~ 66 ft. bgs

RECEIVED

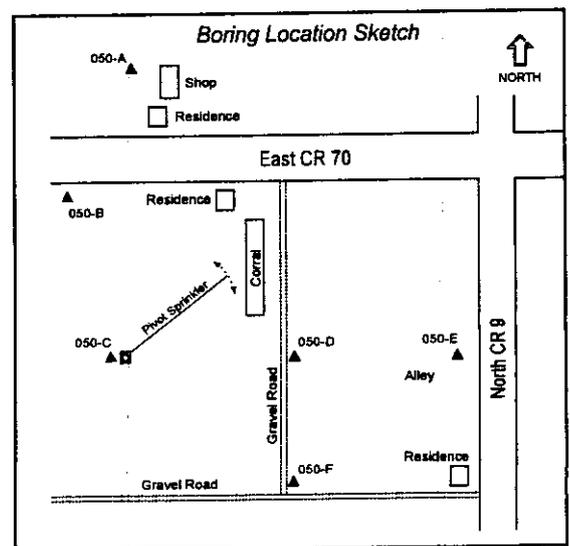
FEB 06 2006

WATER COURTESY
STATE ENGINEER
CCCO

GEOLOGIC DESCRIPTION

DEPTH (FT)	SAMPLES LAB ANALYZED	RECOVERY (INCHES)	HEADSPACE PID TESTING (PPM)				WELL GRAPHIC	SOIL GRAPHIC LOG
			VALUE	0	10	100		
60								
70								
80								
90								
100								
110								
120								
130								

Red-Brown Sand and Gravel?, no return of cuttings Depths referenced to surface grade
 Same as above, tag top of bedrock at 66'
 T.D. at 66.5' -gray weathered sandy SHALE, Pierre Shale



STEWART ENVIRONMENTAL CONSULTANTS, INC.
 Consulting Engineers and Scientists

PROJECT: Wellington Water Works
 ADDRESS: 3218 East CR 70

COUNTY: Larimer
 CITY/STATE: Wellington, Colorado

BORING NUMBER: 050-D
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STATE OF COLORADO

OFFICE OF THE STATE ENGINEER

Division of Water Resources
Department of Natural Resources

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Denver, Colorado 80203
Phone (303) 866-3581
FAX (303) 866-3589

www.water.state.co.us



Bill Owens
Governor

Russell George
Executive Director

Hal D. Simpson, P.E.
State Engineer

February 13, 2006

Wellington Water Works, LLC
C/O Stewart Environmental Consultants, Inc
3801 Automation Way
Suite 200
Fort Collins, CO 80525

Re: Receipt Number 3600227A-F

Dear Applicant:

Your applications to use existing monitoring wells are being returned for the reasons as stated below. **Any changes made to the application should be initialed and dated in the adjoining margins, then the application returned to this office for completion of the evaluation.**

The notice of intent, 45868-MH, was issued for the NE1/4 of the NE1/4 of section 17, T9N, R68W. None of the applications are located within that quarter-quarter. Please review your distances from section lines and revise as necessary. If the distances from section lines are correct, please include a letter explaining why the monitoring wells were constructed in locations other than what was approved under 45868-MH.

Please make any changes on the well construction logs as well.

Once you have obtained the requested information please return it and the **original application** to this office.

If you have any questions, please contact me at 303-866-3581 x 8258.

IMPORTANT NOTICE! PLEASE BE ADVISED THAT THE AFOREMENTIONED CRITERIA MUST BE ADDRESSED AND RECEIVED BY THIS OFFICE BY APRIL 13, 2006 TO RETAIN ACTIVE STATUS OF THE GROUND WATER WELL PERMIT APPLICATION. INFORMATION SUBMITTED AFTER THAT DATE WILL REQUIRE A NEW GROUND WATER WELL PERMIT APPLICATION AND WILL BE ASSESSED THE APPROPRIATE FEE.

Sincerely,

Clay Kimmi
Water Resource Specialist