

SOIL BORING LOG

BORING NUMBER

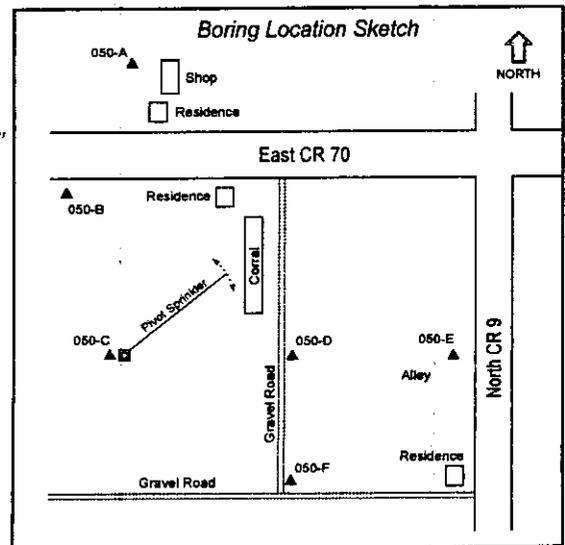
050-E

| | | | |
|---|--|--|--|
| PROJECT NUMBER 3470-001 (15) | SOIL LOGGED BY <i>Paul Stone</i> | SCREEN TYPE AND SLOT SIZE PVC 0.010" | HOLLOW STEM AUGER INSIDE DIAMETER 4.25" RECEIVED |
| CLIENT Wellington Water Works | DATE STARTED 01/18/06 | SAND SIZE 10/20 | BOREHOLE DIAMETER 8 inches |
| DRILLING COMPANY Spectrum Exploration, Inc. | DATE COMPLETED 01/19/06 | RISER TYPE AND SIZE PVC 2-inch | SAMPLING METHOD Cuttings |
| DRILLING RIG TYPE CME 75 | TOTAL DRILLED DEPTH ~ 37.5 ft. bgs | INITIAL GROUNDWATER DEPTH 24 ft. bgs | GROUND ELEVATION (top of casing) ~ 5312 ft amsl |
| DRILLER(S) Todd and Terry | CONVERTED TO MONITORING WELL (Y/N) Yes | RELATIVE LOCATION OF BORING See Sketch Below | |

| DEPTH (FT) | SAMPLES LAB ANALYZED | RECOVERY (INCHES) | HEADSPACE PID TESTING (PPM) | | | | WELL GRAPHIC | SOIL GRAPHIC LOG |
|------------|----------------------|-------------------|-----------------------------|---|----|-----|--------------|------------------|
| | | | VALUE | 0 | 10 | 100 | | |
| 0 | | | | | | | | |
| 10 | | | | | | | | |
| 20 | | | | | | | | |
| 30 | | | | | | | | |
| 40 | | | | | | | | |
| 50 | | | | | | | | |
| 60 | | | | | | | | |

GEOLOGIC DESCRIPTION

Top Soil, tilled earth Depths referenced to surface grade
 Red-Brown silty SAND, minor gravel, loose, very slightly moist
 Red-Brown Sand and Gravel, coarse sand and gravel to 3/4", poorly sorted, dry
 Red-Brown Sand and Gravel, coarse sand and gravel to 1", poorly sorted, dry
 Red-Brown Sand and Gravel, coarse sand and gravel to 2", poorly sorted, very slightly moist, feel of cobbles 14' to 15' 01/23/06
 Red-Brown Sand and Gravel, coarse sand and gravel to 1", poorly sorted, slightly moist 01/18/06
 Red-Brown Sand and Gravel, coarse sand and pea gravel, poorly sorted, wet
 Same as above, wet
 Red-Brown Sand and Gravel?, no return of cuttings
 Same as above, tag top of bedrock at 37'
 T.D. at 37.5' -gray weathered sandy SHALE, Pierre Shale




STEWART ENVIRONMENTAL CONSULTANTS, INC.
 Consulting Engineers and Scientists

| | | |
|--|---|-------------------------------|
| PROJECT Wellington Water Works | COUNTY Larimer | BORING NUMBER 050-E |
| ADDRESS 3218 East CR 70 | CITY/STATE Wellington, Colorado | PAGE OF 1 1 |

STATE OF COLORADO

OFFICE OF THE STATE ENGINEER

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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