

2890.3400 ABOVEGROUND WELL INSTALLATION.

Subpart 1. **General.** Costs for well installation of an above-grade well are as described in this part.

Subp. 2. **Hollow-stem auger.** Hollow-stem auger in sand, silt, or clay, with continuous sampling:

A. subitems (1) and (2) list the depth of the well and the maximum cost per two-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$1,150;
- (2) 26 - 50 feet, \$1,150 plus \$51 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$2,420 plus \$61 per foot beyond 50 feet; and
- (4) over 100 feet, \$5,445 plus \$73 per foot beyond 100 feet;

B. subitems (1) and (2) list the depth of the well and the maximum cost per four-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$1,255;
- (2) 26 - 50 feet, \$1,255 plus \$65 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$2,874 plus \$74 per foot beyond 50 feet; and
- (4) over 100 feet, \$6,534 plus \$96 per foot beyond 100 feet; and

C. subitems (1) and (2) list the depth of the well and the maximum cost per six-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,299;
- (2) 26 - 50 feet, \$2,299 plus \$94 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$4,629 plus \$95 per foot beyond 50 feet; and
- (4) over 100 feet, \$9,348 plus \$109 per foot beyond 100 feet.

Subp. 3. **Mud or air rotary.** Mud or air rotary in limestone or hard rock, with surface sampling only:

A. subitems (1) to (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,118;
- (2) 26 - 50 feet, \$2,118 plus \$55 per foot beyond 25 feet;

- (3) 51 - 100 feet, \$3,479 plus \$64 per foot beyond 50 feet; and
- (4) over 100 feet, \$6,686 plus \$76 per foot beyond 100 feet;

B. subitems (1) to (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,451;
- (2) 26 - 50 feet, \$2,451 plus \$72 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$4,235 plus \$79 per foot beyond 50 feet; and
- (4) over 100 feet, \$8,168 plus \$85 per foot beyond 100 feet; and

C. subitems (1) to (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,753;
- (2) 26 - 50 feet, \$2,753 plus \$96 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,143 plus \$97 per foot beyond 50 feet; and
- (4) over 100 feet, \$9,983 plus \$111 per foot beyond 100 feet.

Subp. 4. **Air coring.** Air coring in limestone or hard rock, with continuous sampling:

A. subitems (1) to (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,662;
- (2) 26 - 50 feet, \$2,662 plus \$69 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$4,401 plus \$81 per foot beyond 50 feet; and
- (4) over 100 feet, \$8,455 plus \$92 per foot beyond 100 feet;

B. subitems (1) to (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,146;
- (2) 26 - 50 feet, \$3,146 plus \$73 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$4,961 plus \$96 per foot beyond 50 feet; and
- (4) over 100 feet, \$9,741 plus \$111 per foot beyond 100 feet; and

C. subitems (1) to (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,449;
- (2) 26 - 50 feet, \$3,449 plus \$109 per foot beyond 25 feet;

- (3) 51 - 100 feet, \$6,171 plus \$119 per foot beyond 50 feet; and
- (4) over 100 feet, \$12,100 plus \$143 per foot beyond 100 feet.

Subp. 5. **Rotosonic drilling.** Rotosonic drilling in sand, silt, or clay, with continuous sampling:

A. subitems (1) and (2) list the depth of the well and the maximum cost per two-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per two-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$2,783;
- (2) 26 - 50 feet, \$2,783 plus \$98 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,234 plus \$101 per foot beyond 50 feet; and
- (4) over 100 feet, \$10,316 plus \$119 per foot beyond 100 feet;

B. subitems (1) and (2) list the depth of the well and the maximum cost per four-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per four-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,328;
- (2) 26 - 50 feet, \$3,328 plus \$101 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$5,869 plus \$128 per foot beyond 50 feet; and
- (4) over 100 feet, \$12,221 plus \$142 per foot beyond 100 feet; and

C. subitems (1) and (2) list the depth of the well and the maximum cost per six-inch PVC well, and subitems (3) and (4) list the depth of the well and the maximum cost per six-inch well (steel riser with PVC screen):

- (1) 0 - 25 feet, \$3,812;
- (2) 26 - 50 feet, \$3,812 plus \$152 per foot beyond 25 feet;
- (3) 51 - 100 feet, \$7,593 plus \$174 per foot beyond 50 feet; and
- (4) over 100 feet, \$16,305 plus \$206 per foot beyond 100 feet.

Statutory Authority: *MS s 115C.07*

History: *28 SR 383; L 2010 c 241 s 4; MS s 115C.07 subd 3 paragraph (f)*

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