

| DEPTH | STRATA DESCRIPTION | ELEVATION | OBSERVATION WELL DETAIL | |
|-------|--|-----------|--|-----------------------------------|
| 0 | | 137.2 | | |
| | Loose Brown Fine Sand * | | | N=19 |
| | Firm and Loose Brown to Gray Tan Silty Fine to Medium Sand with Gravel | | | N= 6 |
| 10 | Firm Tan Gray Slightly Silty Fine to Medium Sand with Gravel | 127.2 | | N=17 N=19 |
| | | | | N=15 <u>121.7</u> <u>118.7</u> |
| 20 | Boring Terminated @ 20.0' | 117.2 | N=11 | |
| 30 | | | | |
| 40 | * Topsoil | | Vertical Dimensions Below Ground Surface are to Scale. | |
| 50 | | | | |
| 60 | | | | |
| 70 | | | | |

N=Standard Penetration Resistance is sum of blows for 2nd 6" and 3rd 6" to drive 1-3/8" I.D., 2" O.D. split barrel sampler with 140 pound hammer falling 30 inches.

Location Westinghouse
 Depth of Water @ N/A
 1. Time of installation N/A
 2. At least 24 hours later See Table 1
 Drilling Method Wash Boring

OBSERVATION WELL RECORD
 Page 1 of 1
 Piezometer No. W-13
 Date Installed 5-14-80





Ryder, Christopher

From: Couture, Gerard F. [CouturGF@westinghouse.com]
Sent: Friday, July 06, 2012 2:37 PM
To: Ryder, Christopher
Subject: Re: Reminder

Yes only a few feet apart

From: Ryder, Christopher [<mailto:Christopher.Ryder@nrc.gov>]
Sent: Friday, July 06, 2012 02:35 PM
To: Couture, Gerard F.
Subject: Reminder

The response to RAI 10 states, "The coordinates of the old W-23 are N 33 52 47.7 latitude W 80 55 05.2 longitude verses the replacement well coordinates N 33 52 47.7 latitude W 80 55 05.2 longitude."

The coordinates of the old and new wells of W-23 are the same.

Please verify.

Thanks.

From: Couture, Gerard F. [<mailto:CouturGF@westinghouse.com>]
Sent: Friday, July 06, 2012 2:05 PM
To: Ryder, Christopher; Adams, Mary
Cc: Logsdon, Cynthia J.; charles.suddeth@aecom.com
Subject: Westinghouse well documentation

Mr. Ryder,

Attached please find supplemental information to our official RAI responses. The attached well records indicate that the new wells are in the same aquifer. However, it may be difficult for someone to confirm if they are not used to looking at well records. Following is the contact information for our contract firm expert who has graciously offered to address any additional follow-up questions you may have pertaining to well placement.

Also attached to next two emails are pictures showing where W-13R is in relation to the Google Earth estimation of the GPS coordinates given by our handheld equipment (which pinpoints the middle of the road). According to Google Earth, the well (which shows up looking like a white square next to the Brigade Building) is actually better estimated N 33 52 47.97, W 80 55 12.00.

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