Monitoring Well Diagram and Boring Log

RAJ KRISHNASAMY, P.E.
P.E. LICENSE NUMBER 53567
TIERRA SOUTH FLORIDA
2765 VISTA PARKWAY, S-10
WEST PALM BEACH, FL 33411
CERTIFICATE OF AUTHORIZATION 28073

Boring / Well Number: MW-24

Project Site: Annex-C-139

Boring Depth (ft): 30 Feet

Boring Diameter (in): 5 3/4"

Drilling Method: Auger

Well Contractor Name: TSF / JOSE OLIVA

License Number: 11346

Logged by: Maximiliano Peralta

Elevation (NAVD 88 / NGVD 29):

Date (Start / Finish): 7/10/2013

Time (Start / Finish): 8:00 AM / 5:00 PM

NORTHING: 735263.54

EASTING: 680441.82

COUNTY: HENDRY

Blow Counts	Construction Details/Completion	Depth Feet	Static Water Level	Water Level During Pumping	Soils Description
	30"x30"x6" deep formed concrete pad w/rebar.				
	Bolt down cover				
	1-1/2" inc pvc pipe with one cap (not cemented) for transducer access to well bore	0			Topsoil
	Minimum width of manhole 8 inches.				Light Brown Sand (SP)
11	Concrete inside manhole cover (1-1/2" thick)				
21	Flush Mount Monitor Well Cover (see Appendix A for details)	-5			Light Brown Sand with Shell (SP)
24	90 degree-1 inch gray electrical conduit with unions and short straight pieces for weep drains				
13	1/2" eyebolt mounted 11/2" below top of well case				
24		-10			Ligth Brown Sand (SP)
10	Cement Grout				
7					
8		-15			Ligth Gray Sand with Shell (SP)
7	Bentonite Pellet				Brown Sand (SP)
15		-20			Light Gray Sand with Shell (SP)
9					
10	Sand Filter				
10		-25			Light Brown Sand (SP)
17					
11		-30			
	Slotted PVC Casing				
		-35			
		-40			

Well Contruction Details / Notes:

Schedule 40, 0.010" slotted PVC casing; Schedule 40 solid PVC casing; 6-20 silica sand; 1/4" coated bentonite pellets; portland cement