
APPENDIX A
Photographs of Subsurface Investigation

Client Name:
Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center

Project No.
26698724

Photo No. 1

Location of Photo:
Former Maryland Square Al Phillips Facility.
View Direction of Photo:
Facing Northeast.

Description:

Track-mounted CME 75 drill rig was taken into the building through a section of glass pain windows on the south side of the building adjacent to the drive through.



Photo No. 2

Location of Photo:
Former Maryland Square Al Phillips Facility.
View Direction of Photo:
Facing west.

Description:

CME 75 track-mounted drill rig inside the building set up on borehole location B-6 on the west side of the former cleaning unit location.



Client Name:

Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center**Project No.**

26698724

Photo No. 3**Location of Photo:**

Former Maryland Square Al Phillips Facility.

View Direction of Photo:

Facing south.

Description:

View of CME 75 track-mounted drill rig inside the building set up at borehole B-9 located on the east side of the building adjacent to the front door.

**Photo No. 4****Location of Photo:**

Former Maryland Square Al Phillips Facility.

View Direction of Photo:

Facing west.

Description:

View of CME 75 Track-mounted drill rig inside the building set up on borehole B-10 located on the north side of the building, near the center, adjacent to the floor drains. PCE was detected at 120,000 µg/Kg in the soil sample collected from 10-feet bgs.



Client Name:
Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center

Project No.
26698724

Photo No. 5

Location of Photo:
Former Maryland Square Al Phillips Facility.
View Direction of Photo:
Facing northeast.

Description:

Looking at one of the metal covered floor trenches within the former facility. This trench is located near borehole B-10 on the north side of the building.



Photo No. 6

Location of Photo:
Former Maryland Square Al Phillips Facility.
View Direction of Photo:
Facing southwest.

Description:

View of borehole B-11, drilled with a hand auger, in the half basement of the building located on the north side of the building. Half basement is approximately 3.5-feet lower than the main floor of the building.



Client Name:
Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center

Project No.
26698724

Photo No. 7

Location of Photo:

Former Maryland Square Al Phillips Facility.

View Direction of Photo:

Facing north.

Description:

View of former Maryland Square Shopping Center Al Phillips facility from the south. Maryland Square is located to the east (right).



Photo No. 8

Location of Photo:

Former Maryland Square Al Phillips Facility.

View Direction of Photo:

Facing northwest.

Description:

After completion of subsurface investigation inside the former Al Phillips facility, the drill rig entrance to the building was closed off with plywood and 2x4ers.



Client Name:

Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center**Project No.**

26698724

Photo No. 9**Location of Photo:**

Former Maryland Square Al Phillips Facility.

View Direction of Photo:

Facing north.

Description:

Truck-mounted CME75 drill rig used for installation of groundwater monitoring wells. This location is at groundwater monitoring well MW-17 located on the east side of the former Al Phillips facility.

**Photo No. 10****Location of Photo:**

Southwest Corner of Algonquin Drive and Ottawa Drive.

View Direction of Photo:

Facing north.

Description:

Truck-mounted CME 75 drill rig located at groundwater monitoring well MW-18, east of the Boulevard Mall. Shows general location of the well and temporary traffic control signs and markers. Location of groundwater monitoring well MW-22 is further north on Algonquin Drive to the right side of the photograph in background.



Client Name:

Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center

Project No.

26698724

Photo No. 11

Location of Photo:

Near southwest corner of Algonquin Drive and Cherokee Lane.

View Direction of Photo:

Facing northeast.

Description:

View of truck-mounted CME 75 drill rig and support truck drilling groundwater monitoring well MW-22 located near the intersection of Algonquin Drive and Cherokee Lane (right side of photograph) east of the Boulevard Mall. Photograph shows traffic control signage.



Photo No. 12

Location of Photo:

Seneca Lane.

View Direction of Photo:

Facing northeast.

Description:

Groundwater monitor well MW-23 under traffic barrier located on the southeast side of Seneca Lane where it turns and heads east. Traffic signage and cones were left for pick up by the traffic control company.



Client Name:

Al Phillips The Cleaner

Site Location: Maryland Square Shopping Center**Project No.**

26698724

Photo No. 13**Location of Photo:**

Intersection of Seneca Circle and Ottawa Drive.

View Direction of Photo:

Facing Southeast.

Description:

View of groundwater monitoring well MW-24, beneath the traffic sign, located at the southeast corner of Seneca Circle and Ottawa Drive. Traffic signage and cones were left for pick up by the traffic control company.

**Photo No. 14****Location of Photo:**

Seneca Lane

View Direction of Photo:

Facing west.

Description:

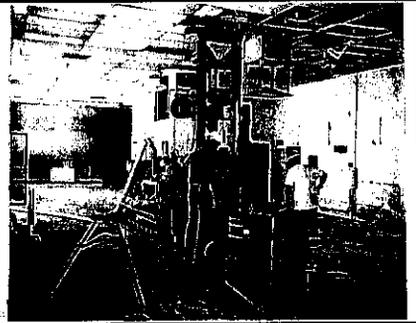
Truck-mounted CME 75 drill rig located at groundwater monitoring well MW-25 located on the north side of the street and approximately half way along Seneca Lane. Markings for underground utilities can be seen on the asphalt in foreground. Traffic signage and cones were left for pick up by the traffic control company.



APPENDIX B
Borehole and Well Construction Logs



BOREHOLE LOG B-6



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Date Started: 4/5/05
Date Completed: 4/5/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: Split Spoon
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	1325							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep: SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth: WELL CASING Material: Diameter: Depth: Joints: WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap: SAND FILTER PACK Type : Size: Depth: ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
1						SM	[Dotted Pattern]	1'-3' SAND: red brn, dry, stiff, fine grained		
2										
3						ML	[Vertical Lines]	3'-5.5' Sandy SILT: lt brn, firm, sl moist, fine grained sand		
4										
5	1333		84	13.5	B-6-5'					
6		■					[Horizontal Lines]			
7										
8						C a l i c h e	[Vertical Lines]	5.5'-12' CALICHE: wht/cream, dry, hard sl. moist, some gravel, dark stringers		
9										
10	1404	■	105	17.4	B-6-10'					
11										
12										
13						ML	[Vertical Lines]	12'-16.5 Sandy SILT: lt pink to white, Moist, firm, fine grained sand		
14										
15	1425	■	88	26.8	B-6-15'					
16										
17								Bottom of borehole @ 16.5' bgs Groundwater not encountered		
18										
19										
20										
21										
22										
23										
24										
25										



BOREHOLE LOG B-7



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Project No. 2698724.00005

Date Started: 4/6/05
Date Completed: 4/6/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: Hammer
Logged By: Scott Ball

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	1430							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep: SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth: WELL CASING Material: Diameter: Depth: Joints: WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap: SAND FILTER PACK Type : Size: Depth: ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
1					B-7-5'	SM		1'-3' Fine SAND: red brn, dry, stiff, fine grained		
2										
3										
4					B-7-5'	ML		3'-6' Sandy SILT: lt brn, firm, sl moist, fine grained sand		
5	1445		100/7"	12.1						
6										
7										
8										
9										
10	1510		85/1'	12.7	B-7-10'	C a l i c h e		6'-10' CALICHE: wht/cream, dry, hard sl. moist, some gravel. 10'-13' lots of gravel.		
11										
12										
13										
14					B-7-15'	ML		12'-16' Sandy SILT: lt. grey/brn, sl. moist, hard, w/ gravel, w/ caliche, fine grained sand		
15	1547		65/1'	16.1						
16						SM		16'-16.5' Fine SAND: gry/wht, moist, hrd		
17								Bottom of borehole @ 16.5' bgs Groundwater not encountered		
18										
19										
20										
21										
22										
23										
24										
25										
REMARKS										



BOREHOLE LOG B-8

No Photo

Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

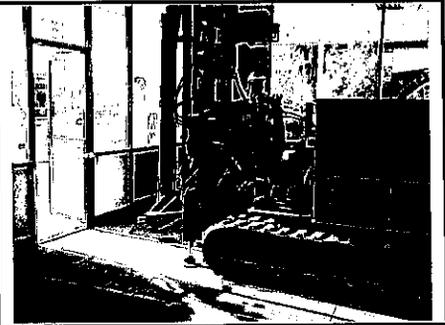
Date Started: 4/7/05
Date Completed: 4/7/05
Drilling Company: WDC Exploring
Drilling Method: Hollow Stem Auger
Sampling Method: Hammer
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	0740							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep: SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth: WELL CASING Material: Diameter: Depth: Joints: WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap: SAND FILTER PACK Type : Size: Depth: ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
1						SM		1'-3' SAND: red brn, dry, stiff, fine grained, well sorted		
2										
3						ML		3'-4' Sandy SILT: lt brn, firm, sl moist, fine grained sand, modeling of wht		
4										
5	0754				B-8-5'					
6		100/1'		11.8						
7										
8								4'-7' CALICHE: wht/cream, dry, hard w/ peagravel, 7'-12.5' without peagravel.		
9										
10	0813				B-8-10'					
11		108/6"		10.7				Same as above		
12										
13						ML		12.5'-16.5 Sandy SILT: lt brn, sl. moist, firm, w/ pregravel, fine grained sand		
14										
15	0855				B-8-15'					
16		130/1'		14.2				@ 16' same as above except lt brn to brn/grey, moist		
17								Bottom of borehole @ 16.5' bgs Groundwater not encountered		
18										
19										
20										
21										
22										
23										
24										
25										
REMARKS										



BOREHOLE LOG B-9



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

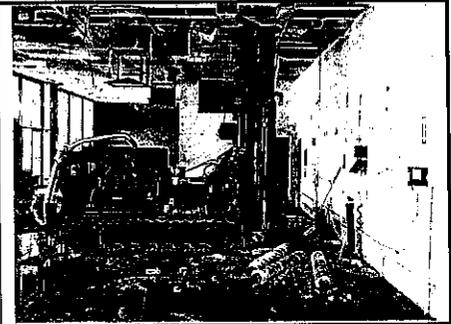
Date Started: 4/6/05
Date Completed: 4/6/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: Hammer
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	0810							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep: SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth: WELL CASING Material: Diameter: Depth: Joints: WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap: SAND FILTER PACK Type : Size: Depth: ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
1						ML		1'-1.75' Sandy SILT: red brn, dry, stiff, fine grained sand, well sorted		
2										
3										
4										
5	0850		104	11.2	B-9-5'			1.75'-10.5' CALICHE: wht cream, dry to sl. moist, some gravel		
6										
7										
8										
9										
10	1321		100/9"	11.6	B-9-10'					
11										
12										
13						ML		10.5'-15.5 Sandy SILT: lt brn, sl. moist, hard, fine grained sand		
14										
15	1338		100/8"	11.9	B-9-15'	SM		15.5'-16.5: SAND, moist, hard, grey/wht, poorly sorted, some gravel, fine grained		
16								Bottom of borehole @ 16.5' bgs Groundwater not encountered		
17										REMARKS Driller had to stop and fix equipment then restart.
18										
19										
20										
21										
22										
23										
24										
25										



BOREHOLE LOG B-10



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

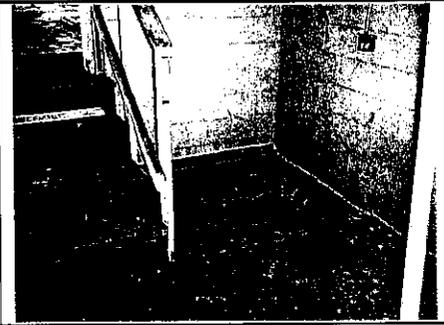
Date Started: 4/7/05
Date Completed: 4/7/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: Hammer
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	0933							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep:
1						SM		1'-2.5' SAND: red brn, dry, stiff, fine grained, well sorted		SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth:
2						ML		2.5'-4' Sandy SILT: lt. brn, sl. moist, firm, fine grained sand		
3										
4										
5	0950		154/1'	42.7	B-10-5'					WELL CASING Material: Diameter: Depth: Joints:
6						C	a l i c h e			
7									4'-13' CALICHE: wht cream, hard, w/ peagravel	
8										
9										
10	1015		89/1'	88.4	B-10-10'					WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap:
11										
12										
13										SAND FILTER PACK Type : Size: Depth:
14						ML		13'-15.5' Sandy SILT: wht to lt. brn, moist, stiff, w/ pea gravel		
15	1035		30/1'	53.3	B-10-15'	SM		15.5'-16.5': SAND: lt. grey, v. moist, moist, poorly sorted		ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
16								Bottom of borehole @ 16.5' bgs Groundwater not encountered		
17										REMARKS
18										
19										
20										
21										
22										
23										
24										
25										



BOREHOLE LOG B-11



AI Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Date Started: 4/7/05
Date Completed: 4/7/05
Drilling Company: URS
Drilling Method: Hand Auger
Sampling Method: Drive Sampler
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	1110							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep:
1						SM		4"-1.25' SAND: red brn, dry, stiff		
2	1130		-	11.2	B-11-2.5	ML		1.25'-2.5' Sandy SILT: lt. brn, firm, sl. moist, fine grained sand		SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth: WELL CASING Material: Diameter: Depth: Joints: WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap: SAND FILTER PACK Type : Size: Depth: ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
3								Bottom of borehole @ 2.5' bgs Groundwater not encountered		
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
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21										
22										
23										
24										
25										



BOREHOLE LOG B-12

No Photo

Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Project No. 2698724.00005

Date Started:
Date Completed:
Drilling Company:
Drilling Method:
Sampling Method:
Logged By:

4/7/05
4/7/05
URS
Hand Auger
Drive Sampler
Scott Ball

Depth in Feet	Time (0100 hrs)	Sample	Blow Count (ft)	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: None Elev.:	Remarks/Well Information
0	1140							Concrete		WELL CONSTRUCTION Date Compl.: Comp. Rep: SURFACE COMPLETION Type: Vault: Diameter: Seal: Depth:
1						ML		0'-3.5' Sandy SILT: red brn, dry, hard fine grained sand		
2					B-12-3.5					
3	1212							Bottom of borehole @ 3.5' bgs Groundwater not encountered		WELL CASING Material: Diameter: Depth: Joints:
4										WELL SCREEN Material: Diameter: Depth: Joints: Opening: Cap:
5										SAND FILTER PACK Type: Size: Depth:
6										ANNULUS SEAL Sand Pack: Depth: Borehole: Depth:
7										REMARKS
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25										



BOREHOLE LOG MW-17



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Project No. 2698724.00005

Date Started: 3/14/05
Date Completed: 3/14/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-17 Elev.: 1,990.92	Remarks/Well Information
26								Same as above.		
27										
28										
29										
30										
31						ML				
32										
33										
34										
35										
36										
	1125									
37								Bottom of borehole @ 37' bgs. Groundwater encountered at approximately 20' bgs.		
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
										REMARKS



BOREHOLE LOG MW-17



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Project No. 2698724.00005

Date Started: 3/14/05
Date Completed: 3/14/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Depth In Feet	Time (0.100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-17 Elev.: 1,990.92	Remarks/Well Information
0	0930						Asphalt	Asphalt		<p>WELL CONSTRUCTION Date Compl.: 3/14/05 Comp. Rep: S. Ball</p> <p>SURFACE COMPLETION Type: Flush mount Vault: Traffic Diameter: 12" Seal: Concrete Depth: 0'-1'</p> <p>WELL CASING Material: PVC Diameter: 4" Depth: 0'-15" Joints: flush</p> <p>WELL SCREEN Material: PVC Diameter: 4" Depth: 15'-30" Joints: flush Opening: 0.02" slotted Cap: expanding</p> <p>SAND FILTER PACK Type : Montgomery Size: 3 Depth: 13'-37'</p> <p>ANNULUS SEAL Sand Pack: bentonite Depth: 11'-13" Borehole: concrete Depth: 0'-11'</p> <p>REMARKS No sampling was performed Borehole was drilled an a Monitor well was installed.</p>
1										
2										
3						ML		0'-7' Gravely SILT: lt cream, sl. moist		
4										
5										
6										
7										
8						SP		7'-11' SAND: lt. Tan, poorly sorted, fine grained, moist		
9										
10										
11										
12										
13										
14										
15										
16										
17										
18						ML		11' -37' Sandy SILT: lt. tan to creamy, sl. moist to v. moist		
19										
20										
21										
22										
23										
24										
25										



BOREHOLE LOG MW-18



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Date Started:
Date Completed:
Drilling Company:
Drilling Method:
Sampling Method:
Logged By:

3/10/05
3/10/05
WDC Exploration
Hollow Stem Auger
None
Scott Ball

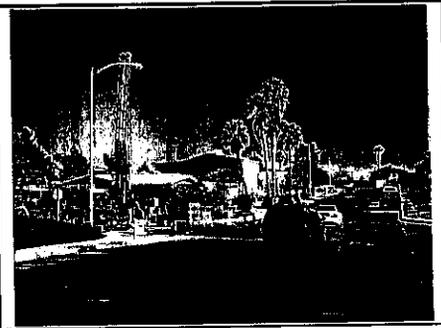
Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-18 Elev.: 1,962.87	Remarks/Well Information
26	118					ML		same as above		
27								Bottom of borehole @ 27' bgs. Groundwater encountered at Approximately 9' bgs.		
28										
29										
30										
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										

REMARKS



BOREHOLE LOG MW-18



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Date Started: 3/10/05
Date Completed: 3/10/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-18 Elev.: 1,962.87	Remarks/Well Information
0	0834							Asphalt		WELL CONSTRUCTION Date Compl.: 3/14/05 Comp. Rep: S. Ball SURFACE COMPLETION Type: Flush Mount Vault: Traffic Diameter: 12" Seal: Concrete Depth: 0'-1'
1								0'-3' Gravelly SILT: lt. tan		
2								3'-7' color change to lt. brn		WELL CASING Material: PVC Diameter: 4" Depth: 0'-5' Joints: flush WELL SCREEN Material: PVC Diameter: 4" Depth: 5'-25' Joints: flush Opening: 0.02" slotted Cap: expanding SAND FILTER PACK Type : Montgomery Size: 3 Depth: 4'-27'
3						ML				
4										ANNULUS SEAL Sand Pack: bentonite Depth: 3'-4' Borehole: concrete Depth: 0'-3'
5										
6										REMARKS No sampling was performed Borehole was drilled an a Monitor well was installed.
7										
8										
9										
10						ML		7'-15' Sandy SILT: lt. tan, sl. moist to v. moist		
11										
12										
13										
14										
15										
16						Cali che		15'-16' CALICHE: wht, tan, v. hard, v. moist		
17										
18										
19										
20										
21						ML		16'-27' SILT: brn, v. moist		
22										
23										
24										
25										



BOREHOLE LOG MW-22



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Date Started:
Date Completed:
Drilling Company:
Drilling Method:
Sampling Method:
Logged By:

3/10/05
3/10/05
WDC Exploration
Hollow Stem Auger
None
Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-22 Elev.: 1,974.76	Remarks/Well Information
0	1310						■	Asphalt		<p>WELL CONSTRUCTION Date Compl.: 3/10/05 Comp. Rep: S. Ball</p> <p>SURFACE COMPLETION Type: Flush Mount Vault: Traffic Diameter: 12" Seal: Concrete Depth: 0'-1'</p> <p>WELL CASING Material: PVC Diameter: 4" Depth: 0'-15" Joints: flush</p> <p>WELL SCREEN Material: PVC Diameter: 4" Depth: 15'-35" Joints: flush Opening: 0.02" slotted Cap: expanding</p> <p>SAND FILTER PACK Type : Montgomery Size: 3 Depth: 13'-37'</p> <p>ANNULUS SEAL Sand Pack: bentonite Depth: 11'-13' Borehole: concrete Depth: 0'-11'</p> <p>REMARKS</p>
1										
2						ML		0'-5' SILT: lt tan, dry, hard		
3										
4										
5										
6						Cali che		5'-7' CALICHE: wht., v. hard, moist		
7										
8										
9										
10										
11										
12										
13										
14										
15										
16						ML		7'-37' Gravely SILT: lt. tan to lt. bm, sl. moist to moist		
17										
18										
19										
20										
21										
22										
23										
24										
25										



BOREHOLE LOG MW-22



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Project No. 2698724.00005

Date Started: 3/10/05
Date Completed: 3/10/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-22 Elev.: 1,974.76	Remarks/Well Information
26								same as above.		
27										
28										
29										
30										
31										
32										
33						ML				
34										
35										
36	1600									
37								Bottom of borehole @ 37' bgs Groundwater encountered at approximately 22' bgs.		
38										
39										
40										
41										
42										
43										
44										REMARKS
45										
46										
47										
48										
49										
50										
51										



BOREHOLE LOG MW-23



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

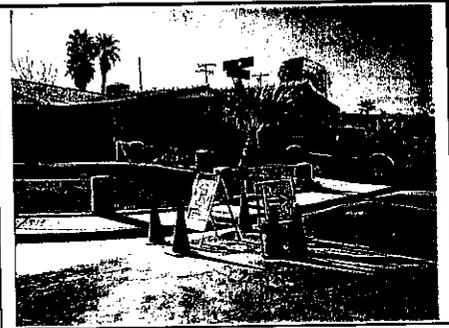
Date Started: 3/9/05
Date Completed: 3/9/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Project No. 2698724.00005

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-23 Elev.: 1,962.32	Remarks/Well Information
0	1310						Asphalt			WELL CONSTRUCTION Date Compl.: 3/9/05 Comp. Rep: S. Ball SURFACE COMPLETION Type: Flush Mount Vault: Traffic Diameter: 12" Seal: Concrete Depth: 0'-1'
1						SM	0'-2' Gravely silty SAND: dry			
2										WELL CASING Material: PVC Diameter: 4" Depth: 0'-5' Joints: flush WELL SCREEN Material: PVC Diameter: 4" Depth: 5'-25' Joints: flush Opening: 0.02" slotted Cap: expanding SAND FILTER PACK Type: Montgomery Size: 3 Depth: 4'-25' ANNULUS SEAL Sand Pack: bentonite Depth: 3'-4' Borehole: concrete Depth: 0'-3'
3						ML	2'-5' SILT: brn, some gravel, moist			
4										REMARKS No sampling was performed Borehole was drilled an a Monitor well was installed.
5										
6										
7										
8										
9										
10										
11										
12										
13						ML	5'-25' Sandy SILT: lt. brn, dry to v. moist			
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24										
25								Bottom of borehole @ 25 ft. bgs Groundwater encountered approx. 9' bgs		



BOREHOLE LOG MW-24



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Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

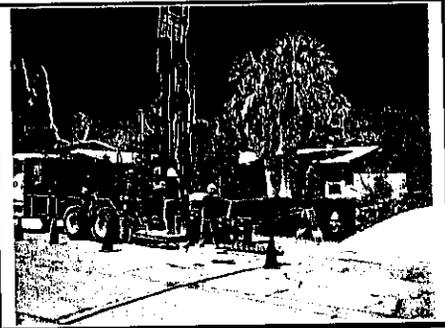
Project No. 2698724.00005

Date Started: 3/9/05
Date Completed: 3/9/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-24 Elev.: 1,960.74	Remarks/Well Information
0	1222						Asphalt			<p>WELL CONSTRUCTION Date Compl.: 3/9/05 Comp. Rep: S. Ball</p> <p>SURFACE COMPLETION Type: Flush Mount Vault: Traffic Diameter: 12" Seal: Concrete Depth: 0'-1'</p> <p>WELL CASING Material: PVC Diameter: 4" Depth: 0'-5' Joints: flush</p> <p>WELL SCREEN Material: PVC Diameter: 4" Depth: 5'-25" Joints: flush Opening: 0.02" slotted Cap: expanding</p> <p>SAND FILTER PACK Type: Montgomery Size: 3 Depth: 4'-25'</p> <p>ANNULUS SEAL Sand Pack: bentonite Depth: 3'-4' Borehole: concrete Depth: 0'-3'</p> <p>REMARKS No sampling was performed Borehole was drilled an a Monitor well was installed.</p>
1							0'-16' Fine SAND: lt. bn, dry to v. moist, fine grained sand			
2						SM				
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20						ML		16'-25' Sandy SILT: brn to lt. brn, v. moist, fine grained sand		
21										
22										
23										
24	1350									
25								Bottom of borehole @ 25 ft. bgs Groundwater encountered approx. 9' bgs		



BOREHOLE LOG MW-25



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Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

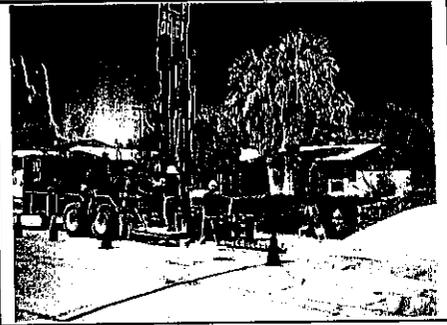
Project No. 2698724.00005

Date Started: 3/11/05
Date Completed: 3/11/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-25 Elev.: 1,960.74	Remarks/Well Information
26						ML		Same as above.	[Patterned]	
27					Caliche		27'-28' CALICHE			
28					ML		28'-30' SILT			
29										
30								Bottom of borehole @ 30 ft. bgs Groundwater encountered at Approximately 10' bgs.		
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										



BOREHOLE LOG MW-25



Al Phillips The Cleaner
Maryland Square Shopping Center
Subsurface Investigation
Las Vegas, Nevada

Project No. 2698724.00005

Date Started: 3/11/05
Date Completed: 3/11/05
Drilling Company: WDC Exploration
Drilling Method: Hollow Stem Auger
Sampling Method: None
Logged By: Scott Ball

Depth In Feet	Time (0100 hrs)	Sample	Well Material Log	PID/FID (ppm)	Sample Number	USCS/Other	Graphic Log	SOIL DESCRIPTION	Well: MW-25 Elev.: 1,960.74	Remarks/Well Information
0	1028							Asphalt		<p>WELL CONSTRUCTION Date Compl.: 3/11/05 Comp. Rep: S. Ball</p> <p>SURFACE COMPLETION Type: Flush Mount Vault: Traffic Diameter: 12" Seal: Concrete Depth: 0'-1'</p> <p>WELL CASING Material: PVC Diameter: 4" Depth: 0'-5' Joints: flush</p> <p>WELL SCREEN Material: PVC Diameter: 4" Depth: 5'-25" Joints: flush Opening: 0.02" slotted Cap: expanding</p> <p>SAND FILTER PACK Type : Montgomery Size: 3 Depth: 4'-30'</p> <p>ANNULUS SEAL Sand Pack: bentonite Depth: 3'-4' Borehole: concrete Depth: 0'-3'</p> <p>REMARKS No sampling was performed Borehole was drilled an a Monitor well was installed.</p>
1										
2										
3										
4						ML		0'-10' Sandy SILT: brn, dry to sl. moist		
5										
6										
7										
8										
9										
10										
11						GW		10'-13' Silty Gravel		
12										
13										
14										
15										
16										
17										
18										
19						ML		13'-27' Sandy SILT: brn, v. moist, coarse sand		
20										
21										
22										
23										
24										
25										