

**TABLE 2-5
PHASE II SI SOIL ANALYTICAL SUMMARY
CHAMPAIGN MGP SITE
CHAMPAIGN, ILLINOIS
AMERENIP**

	SOIL SAMPLE			CHEMICAL PARAMETERS									
	FIELD NUMBER	LAB NUMBER	DEPTH INTERVAL (feet)	SW-846 LABORATORY ANALYTICAL METHOD (DILUTION)									
				VOCs	SVOCs	PAH	TPH	Phenols	Metals	As	Hg	CN	COD
1	UTB-01-01	A219787	21 - 23	8240 (1:63)	8270			9066	6010	7060	7471		
2	UTB-01-02	A219792	27 - 28	8240	8270			9066					
3	UTB-03-01	A219237	11 - 13.5	8240	8270		8015 MOD	9066				9012	410.4
4	UTB-03-02	A219238	18.5 - 23.5	8240	8270		8015 MOD	9066				9012	410.4
5	UTB-08-01	A219235	04 - 09	8240	8270		8015 MOD	9066				9012	410.4
6	UTB-08-02	A219236	09 - 13	8240	8270		8015 MOD	9066				9012	410.4
7	UTB-10-01	A219239	09 - 10	8240 (1:63)	8270 (1:50)		8015 MOD	9066				9012	410.4
8	UTB-10-02	A219240	14 - 19	8240	8270		8015 MOD	9066				9012	410.4
9	UTB-11-01	A219786	08 - 13	8240 (1:630)	8270 (1:25)			9066	6010	7060	7471		
10	UTB-11-02	A219791	21 - 22	8240 (1:63)	8270			9066					
11	UTB-14-01	A219788	04 - 05	8240 (1:63)	8270 (1:10)			9066	6010	7060	7471		
12	UTB-14-02	A219793	32 - 33	8240	8270			9066					
13	UTB-15-S01	A244475	09 - 11	8240 (1:63)	8270	8310 (1:200)	SM 503E	9066	6010	7060 (1:5)	7471 MOD	9012	410.4 (1:100)
14	UTB-15-S02	A244476	33 - 35	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
15	UTB-16-01	A219789	08 - 10	8240	8270 (1:20)			9066	6010	7060	7471		
16	UTB-16-02	A219794	16.5 - 18	8240	8270			9066					
17	UTB-18-01	A219790	4.5 - 05	8240	8270			9066	6010	7060	7471		
18	UTB-18-02	A219795	17 - 18	8240 (1:63)	8270			9066					
19	UTB-20-S01	A244469	07 - 09	8240 (1:63)	8270	8310	SM 503E	9066	6010	7060 (1:5)	7471 MOD	9012	410.4 (1:100)
20	UTB-20-S02	A244470	17 - 18	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
21	UTB-21-S01	A244471	03 - 08	8240 (1:630)	8270 (1:2)	8310 (1:200)	SM 503E	9066	6010	7060 (1:5)	7471 MOD	9012	410.4 (1:100)
22	UTB-21-S02	A244472	20 - 23	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
23	UTB-22-S01	A244473	06 - 08	8240 (1:63)	8270 (1:4)	8310 (1:20)	SM 503E	9066	6010	7060 (1:2)	7471 MOD	9012	410.4 (1:100)
24	UTB-22-S02	A244474	20 - 23	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
25	UTB-23-S01	A244479	06 - 08	8240 (1:25000)	8270 (1:250)	8310 (1:500)	SM 503E	9066	6010	7060 (1:5)	7471 MOD	9012 (1:150)	410.4 (1:100)
26	UTB-23-S02	A244480	26 - 28	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
27	UTB-24-S01	A244481	06 - 08	8240 (1:630)	8270	8310 (1:200)	SM 503E	9066	6010	7060 (1:4)	7471 MOD	9012 (1:150)	410.4 (1:100)
28	UTB-24-S02	A244482	21 - 23	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
29	UTB-25-S01	A244477	09 - 11	8240 (1:630)	8270	8310 (1:200)	SM 503E	9066	6010	7060 (1:5)	7471 MOD	9012 (1:150)	410.4 (1:100)
30	UTB-25-S02	A244478	26 - 28	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
31	UTB-26-S01	A244483	06 - 08	8240 (1:63)	8270 (1:630)	8310 (1:200)	SM 503E	9066	6010	7060 (1:4)	7471 MOD	9012 (1:150)	410.4 (1:100)
32	UTB-26-S02	A244484	21 - 23	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)
33	UTB-27-S01	A244485	06 - 08	8240 (1:630)	8270 (1:2)	8310 (1:200)	SM 503E	9066	6010	7060 (1:4)	7471 MOD	9012 (1:150)	410.4 (1:100)
34	UTB-27-S02	A244486	21 - 23	8240 (1:63)	8270	8310	SM 503E	9066				9012	410.4 (1:100)

(1:20) = Dilution factor

Chemical Parameters:

VOCs - Volatile Organic Compounds.
SVOCs - Semi-Volatile Organic Compounds.
PAH - Polycyclic Aromatic Hydrocarbons.
TPH - Total Petroleum Hydrocarbons.

As - Arsenic.
Hg - Mercury.
CN - Cyanide.
COD - Chemical Oxygen Demand.