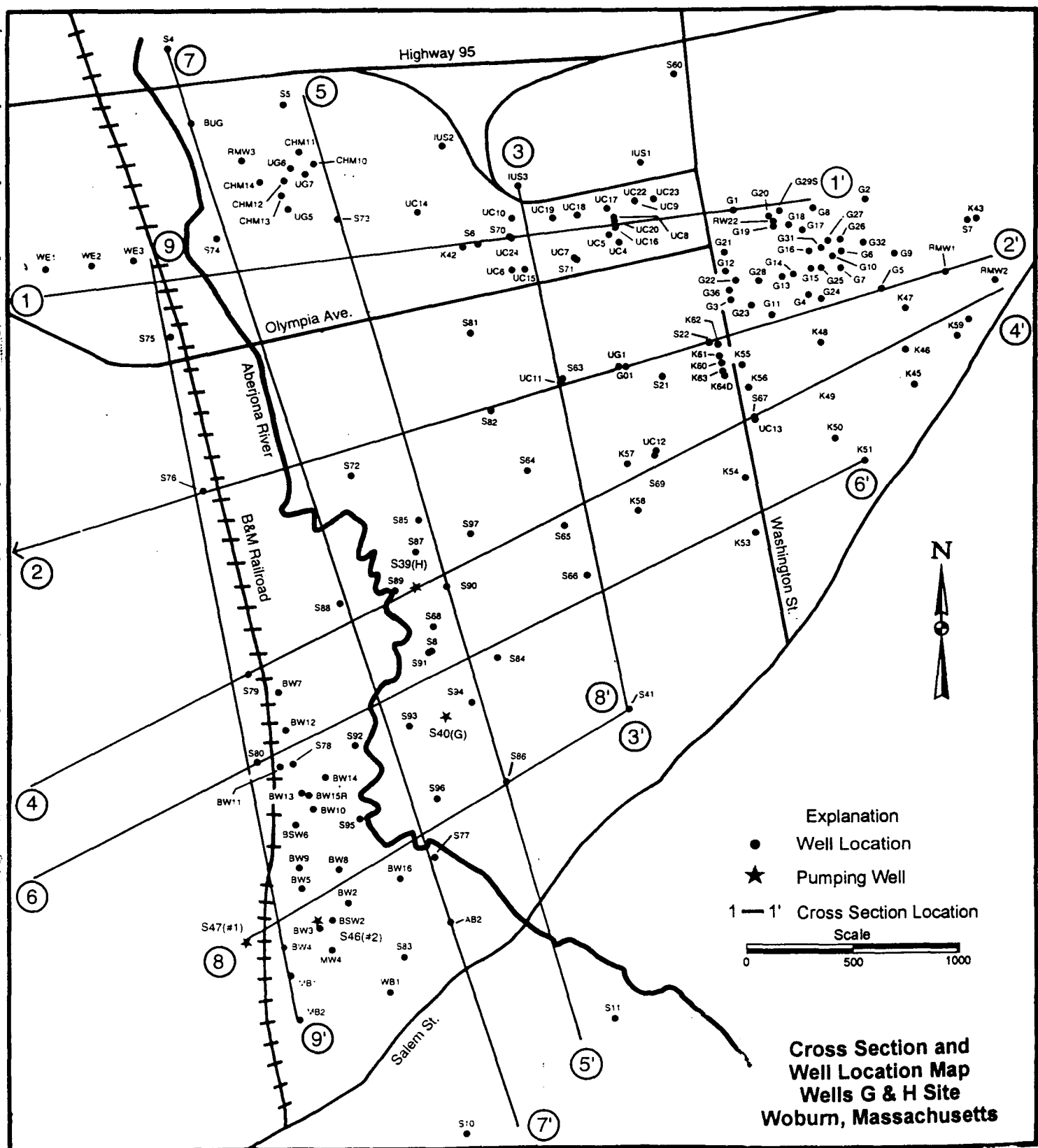


WELL INFORMATION AND LITHOLOGIC LOGS

Woburn, Massachusetts



(from Metheny, M. A., 1998. Hydrogeologic framework and numerical simulation of flow to wells G & H at Woburn Massachusetts, unpublished M.S. thesis, Department of Geological Sciences, The Ohio State University.)

WELL INFORMATION

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
AB1	46.2		4	9				12/10/87
AB2SS	46.2	2	3	13	13	13		08/03/93
AB2M	46.2	56	58	68	68	68		08/12/93
AB2R	46.3	120	122	132	132	132	117	08/10/93
B1	53		4	14				01/08/85
B2	50.2							
B2A	50.4							
B3	50.8							
B3A	52.5							
B4	43.3		5.5	15.3				01/09/85
B5	52.2		5	15				01/09/85
BSW1	45.2		25	35				08/31/83
BW1	45.1		32.8	42.8				08/18/83
BSW2	45.1	7.5	10	20	20	20		08/30/83
BW2	44.2	31.8	34.5	44.5	47	47		08/19/83
BW2R	45		85	95			80	09/09/92
BW3	45.1	30.3	33.8	43.8	47	47		08/26/83
BW4	43.4	30	32	42	45	45		08/25/83
BSSW5	45.3		2.5	12.5				09/16/92
BW5	45.4	27.7	30	40	41			09/24/83
BW5R	45.2		48	58			43	09/16/92
BSSW6	46.4		11.6	16.4			27	07/20/84
BSW6	46	16.4	20	24.8	32.5	32.5	29	07/17/84
BDW6			26.5	31.5				04/14/93
BW6R	46.7		37.5	47.5			32.5	09/21/92
BSW7	45.7	6.5	9	13.8	15	15		07/24/84
BW7	45.9	28	29.7	39.4	41	41		07/23/84
BOW8	45.2		3	13				10/04/85
BSW8	45		18	23				10/05/85
BCW8	45.2		53	58		59		10/03/85
BW8	45.4		66	76		77	61.5	10/01/85
BOW9	46.2		4	14				10/10/85

S- Shallow
D- Deep

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
BSW9	46.2		20	25				10/09/85
BW9	45.9		34	44			28.9	10/08/85
BOW10	46.6		2.5	12.5		14		09/19/85
BSW10	46.2		17	22				09/26/85
BCW10	46.3		29	34				09/25/85
BW10	46.6		45	55		61	39.5	09/26/85
BW11	46.2		29	34		36		08/28/85
BSW12	45.3		28.5	33.5				09/18/85
BW12	45.1		75	80		85		09/18/85
BOW13	46.2		3.7	13.7		14		10/19/85
BSW13	46.6		18	23		25		10/18/85
BCW13	46.4		45	50		50		10/17/85
BW13	46.6		61.8	66.8		67.5	57.5	10/14/85
BW14RD	44.8					120	72.5	08/24/95
BW14R								
BOW14	44.8		4	14				11/15/85
BSW14	45		24	29				11/15/85
BCW14	44.9		57.5	62.5		63		11/14/85
BW14	44.7		75	85		85	70	11/15/85
BSSW15	44.9		2.5	12.5				09/10/92
BOW15	44.5		20	30			31	09/02/92
BCW15	45.2	31	33	38	38	38		08/29/94
BW15RP	45.1	39	48	55	55.5	55.5		08/21/95
BW15R	45		53.5	63.5			45	09/08/92
BW15R2	46	52.6	54.6	62.6	63.2	63.2	43	08/22/94
BSSW16	45.4		2.5	12.5				08/25/92
BOW16	45.4		35	45				08/25/92
BW16R	45.2		123	133			117	08/24/92
BSSW17			2.5	12.5				04/09/93
BMW17			39.6	49.6				04/09/93
BW17R			61.7	71.7			54.8	04/07/93
BCW18	46	31	33	38	38	38		09/06/95

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
BW19R	46.3	44.5	46.5	56.5	56.5	56.5	42	08/25/94
BUG-11	50.5		3.4	8.4			84	04/23/93
BUG-10	50.5		12.4	14.4			84	04/23/93
BUG-9	50.5		20.6	22.6			84	04/23/93
BUG-8	50.5		28.7	30.7			84	04/23/93
BUG-7	50.5		36.9	38.9			84	04/23/93
BUG-6	50.5		44.4	46.4			84	04/23/93
BUG-5	50.5		52.1	54.1			84	04/23/93
BUG-4	50.5		61.1	63.1			84	04/23/93
BUG-3	50.5		68.7	70.7			84	04/23/93
BUG-2	50.5		77.2	78.2			84	04/23/93
BUG-1	50.5		81.6	83.2			84	04/23/93
CHM1	53.9		3	13				07/26/90
CHM2	56.1		0	10.5				07/26/90
CHM3	56.5		0	9.5				07/26/90
CHM4	51.5		0	8				07/26/90
CHM5	52.7		3.4	13.4				10/03/90
CHM6			0	9.8				10/03/90
CHM7	53.7		4.9	14.9				10/03/90
CHM8	53.4		1.2	11.2				10/03/90
CHM9	52.7		0	9.3				10/03/90
CHM10	53.4	21.3	25	35	36.6	36.3		04/24/92
CHM11	53.3	2	3	13	13	17		04/24/92
CHM12	51.4	0.5	0	10	10	12		04/24/92
CHM13	50.6	1.5	2.7	12.7	13	17		04/27/92
CHM14	51.5	1	3	13	17	17		04/27/92
CHM15	54		5	15				04/27/92
CHM16	53.5		1	11				04/27/92
CHM17	52.1		2	12				04/27/92
CHM18	50.8		0	10				04/27/92
CHM19	51.9		0	10				04/27/92
CHR1	53.8							

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
CHR2	53.9							
CHR3	53.9							
CHR4	53.5							
CHR5	53.6							
CHR6	53.7							
EPA1	58		20	30				11/24/87
EPA2	60.4		19.5	29.5				12/02/87
EPA3	60.9		15	25				12/01/87
G1S	97.6		26.5	36.5				10/23/85
G1D	97.9		41.5	51.5			34.5	06/17/85
G1DB	97.1		91	96			31	06/16/88
G1DB2	97		135	140			31	06/16/88
G1DB3	97.1		185	190			31	06/22/83
G2S	97.6		9	19				06/14/83
G2M	97.4		23	28				06/14/83
G2D	97.4		34.5	49.5			29	06/14/83
G2DB	97.7		211.5	221.5			23.5	01/08/92
G2DB2	97.5		341.5	351.5			26.5	12/23/91
G3S	91		22	37				06/22/88
G3D	91		46.4	61.4			38.6	06/21/83
G3DB	91.1		81	96			32	08/28/84
G3DB2	90.8		153	158			31	06/20/88
G3DB3	90.9		189	194			31	06/20/88
G4S	93.7		16	26				06/09/83
G4D	93.2		29.5	44.5			24.5	06/09/83
G5S	93.3		11	21				06/23/83
G5D	93.6		26	41			19.5	06/13/83
G6C	97							
G6B	97							
G6A	97.1							
G6S	97			11				06/15/83
G7S	96.6		6	21				06/23/83

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
G7D	96.3		36	51			28.5	06/16/83
G8S	98.2		34	44				06/30/83
G9S	95		13	18				08/28/84
G10S	97		15	25			22	09/11/84
G10D	96.9		29.5	44.5			22	09/19/84
G10DB	96.9		55.4	70.4		100	23	09/17/84
G11S	91.4		16	21			21	09/01/84
G11D	91.1		29	44			24	09/04/84
G12S	93.5		15	25			25	09/18/84
G12D	93.5		36	46			25.5	09/14/84
G13S	94		17	27				09/26/85
G13D	94		37.2	52.2			25.8	09/25/85
G14S	94.2		11.8	21.8				10/04/85
G14D	94.2		27.7	42.7			22.7	10/03/85
G15S	97.9		14	24				10/02/85
G15D	97.7		31.5	46.5			23.9	10/01/85
G16S	97.9		20.1	30.1		32	29.6	10/22/85
G16D	97.9		44.3	59.3		60	37.5	10/29/85
G17S	97.9		37.2	47.2		49.5		10/18/85
G17D	97.9		57	72			50.3	10/17/85
G18S	98		21.8	31.8		33.5		10/09/85
G18D	97.9		37	52		53	33	10/07/85
G19S	98		10	20		21		11/06/85
G19M	98		34.5	44.5		52	47	11/06/85
G19D	98		58.8	73.8		75	54	11/04/85
G20S	96.8		25	35				10/10/85
G20M	96.9		48.4	58.4				10/25/85
G20D	97		70	85		85	63.5	10/24/85
G21S	95.2		19	29		29.5		09/12/85
G21D	95.1		33	48		49.5	28	10/10/85
G22S	93.9		17.3	32.3		33	32.2	10/18/85
G22D	93.8		37.8	52.8		52.8	32.5	09/06/85

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
G23S	91.3		16	26		26	24.5	10/07/85
G23D	91.5		32.5	47.5		47.5	27	10/15/85
G24S	96.2		16	26		27	26	10/11/85
G24D	96.2		32	47		47.5	23	10/02/85
G25S	97.3		20.1	30.1		31		10/04/85
G25D	97.4		32.7	47.7		48	27	10/11/85
G26S	97.4		11	21		22.6	22.6	09/19/85
G26D	97.4		25	40		42.3	23	09/18/85
G27S	97.4		11.2	21.2		22		09/30/85
G27D	97.5		25.5	40.5		40.5	20.7	09/21/85
G28S	94		14.6	24.6		25.5		10/01/85
G28D	94		29.5	44.5		44.5	25	09/25/85
G29S	96.5		9.7	24.7		26		01/10/86
G31S	97.3		17.9	27.9				01/17/86
G31D	97.5		33	48		48	27.8	01/17/86
G32S	97.8		15	25		26	25	01/21/86
G34S	94		12	22				09/06/90
G34D	93.9		27.2	37.2			26	09/05/90
G35S	93.9		13	23				08/30/90
G35D	93.9		28.5	38.5			23.2	08/29/90
G35DB	93.9		56	66			23.3	08/28/90
G36S	92.8		28	38			31	09/12/90
G36D	92.2		41	51			31	09/14/90
G36DB	92		72.5	82.5			31	10/03/90
G36DB2	91.8		207	217			30.6	10/03/90
GO1S	73.2		8	18			18	10/04/84
GO1D	73.2		24.3	39.3			19	10/04/84
GO1DB	73.3		55	70		70.6	19.3	10/01/84
IUS1	87.6		12	26.5		26.9	11.7	11/23/83
IUS2C	61.2		10	20		20		03/13/84
IUS2B	61.2		40	55		55		03/13/84
IUS2A	61.4		71	89		89	71	03/21/84

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
IUS3C	67		4.8	24.6		24.6		04/06/84
IUS3B	67		30	45		45		04/04/84
IUS3A	66.7		47	63		63	55	04/02/84
K42S	55.9		20	21		21.4		07/16/93
K42M	56.3		45	46				07/21/93
K42D	55.8		65	66				07/20/93
K43S	94.9		8	9				34151
K43D	94.9		15.4	16.4		16.8		34160
K44S	93.8		8.2	9.2				34150
K44D	93.4		16.2	17.2		19.5		34150
K45	88.7		15.4	16.4				07/19/93
K46	91.2		8	9		17.5		07/01/93
K47	93.4		14.4	15.4		17		07/01/93
K48	84.5		15.6	16.6		17.8		07/07/93
K49S	82.3		7	8				07/06/93
K49M	82.3		15	16				07/06/93
K49D	82.7		23	24		24.4		07/06/93
K50	80.7		17	18		21.2		07/07/93
K51M	83		20	21				34156
K51D	83.3		25.1	26.1		25		34152
K53M	78.4		24.6	25.6				34164
K53D	78.3		35	36		36.4		34163
K54M	82.2		27.5	28.5				34164
K54D	82.4		35	36		36.4		34163
K55S	84.5		16.8	17.8				07/12/93
K55M	84.5		28.2	29.2				07/12/93
K55D	84.7		38	39		39.4		07/08/93
K56S	83.9		17	18				07/17/93
K56M	83.8		27	28				07/12/93
K56D	83.8		38	39		39.4		07/08/93
K57S	74.8		17	18				07/16/93
K57M	74.6		24	25				07/15/93

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
K57D	74.8		30.5	31.5		31.9		07/15/93
K58S	73.6		17	18				34165
K58D	73.4		22	23		24.5		34166
K59S	90.7		7.6	8.6				34208
K59D	90.8		14.6	15.6		17.2		34208
K60S	88.3		30	31				10/06/93
K60M	88.1		39	40				10/06/93
K60D	88.1		46.1	47.1		47.5		10/05/93
K61S	87.8		30	31				10/11/93
K61M	87.9		38	39				10/08/93
K61D	87.9		44.1	45.1		45.5		10/07/93
K62S	88.1		32	33				10/16/93
K62M	88.1		37	38				10/15/93
K62D	87.8		41.8	42.8		43.2		10/14/93
K63S	88.5		31.6	32.6				10/13/93
K63M	88.6		38.6	39.6				10/12/93
K63D	88.6		47.5	48.5		48.9		10/12/93
K64D	88.6		41.9	42.9		43.3		
MR1SS	48.6	2	3	13	13	13		
MR2SS	50.8	3	5	15	15	17		
MW1S	47.6		5.5	15.5				08/30/88
MW2S	45.6		4.5	14.5				08/31/88
MW3S	46		4	14				09/02/88
MW4SS	44.4	2	3	13	13	13		
MW4S	45.5		5.5	15.5				09/02/88
MW4M	44.5	33	35	45	45	45		
MW4D	44.5	88	90	95	95	95	80	
NEPA	61.3		60	600			45	04/07/89
NEPB	60.3		42	600			0.5	04/10/89
NEP2	60.1		27	500			20	05/07/65
NEP3	60.7		46	940			34	01/21/80
NEP101	60.3		4.8	12				32374

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
NEP101B	60.2		25.3	30.5			20.5	32373
NEP102	62.1		9.8	17				33108
NEP102B	62.1		40.8	46			36	33108
NEP103	59.1		6.4	11.6			10	32380
NEP103B	59		20	27.2			12.2	32380
NEP104	59.9		11	18.2				32385
NEP104B	59.9		34.8	42			26	32385
NEP105B	59.8		14.8	22			7	09/01/88
NEP106B	58.2		40.8	48			28.5	09/02/88
NEP107B	60.8		43.8	51			35	09/07/88
NEP108	61.1		20.5	30.5				32597
NEP108B	61		50	55			33.5	32595
NEP109	59.3		7	17				32605
NEP109B	59.2		32	37			16.5	32604
NEP110B	59.7		9	100			5.3	04/13/89
OL1	48.3		9	19				12/03/87
OL2	46.3		4	9				12/04/87
OL3	47.1		4	9				12/04/87
OL4	47.2		8	23				12/03/87
OL5	46.5		3.5	8.5				12/04/87
OL6	51.7							06/16/87
OL7	50.9							06/16/87
OL8	51.9		2	12				04/08/88
OL9	51.8		2	12				04/08/88
OL10	51		2.5	12.5				04/08/88
OL11	50.7		1	11				04/08/88
OL12	50.4		2.5	12.5				04/08/88
OL13	50.5		2	12				04/08/88
OL14	52.3		5	15				01/02/90
OL15	51.8		5	15				01/02/90
OL16	51.4		3	13				01/02/90
OL17	50.8		1	12				01/02/90

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
OL18	50.9		54.5	64.5				01/04/90
OL19	52		50	60				01/08/90
RMW1	93.8		2	12		13		12/06/91
RMW2	93.9		2	12		12		12/06/91
RMW3	52.3		2	12		12		12/06/91
RW1	96.9		12	32			21.8	09/06/90
RW2	94.4		13	33			23.3	09/03/90
RW3	94.3		12	32			21.7	08/30/90
RW4	94.2		22	73			22	06/14/88
RW5	94.2		17	22			22	06/10/88
RW6	94.2		12	32			24	08/30/90
RW7	92.5		28	48			30	09/13/90
RW8	91.9		28	48			30	09/11/90
RW9	91.3		25	45			32	09/10/90
RW10	91.1		25	45			32	09/07/90
RW11	93.5		29.3	49.3			32	06/11/92
RW12	94.1		24.6	44.6			34.5	06/12/92
RW13	90.7		16	36			24.3	06/12/92
RW14	90.8		11.8	31.8			19	06/16/92
RW15	90.8		12.4	32.4			22	06/17/92
RW16	90.8		11.6	31.6			20.7	06/18/92
RW17	91		14.1	34.1			20.3	06/18/92
RW18	91.3		13.5	33.5			22	06/19/92
RW19	92		14.2	34.2			22.2	06/22/92
RW20	92.2		19.3	39.3			28	06/23/92
RW21	92.2		16.2	36.2			25.5	06/23/92
RW22	98		10	30		31		06/26/92
S4	54.7		4	91		91	84	07/01/81
S5	52.5		4	65.5		65.5	55.5	
S6	62.2		4	94		94	84	07/07/81
S7	95.1		4	28		48	18	06/24/81
S8	45.1		4	128.5		128.5	123	07/25/81

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
S9	43		4	65		65	60	
S10	82.5		4	87		87	77	07/17/81
S11	43		4	86		86	75	08/04/81
S21	77.7		4	31.5		31.5	21	09/14/81
S22	85		4	44		44	36.5	09/22/81
S37								
S38	55			35				
S39	45		78	88		89.3		06/23/67
S40	45		69	79		88		09/18/64
S41	61		45	358		358	38	02/21/62
S42	80			200			20	
S44	85					34		
S45	45					40(58?)		
S46	47.1		36	51		51		04/04/58
S47	55					35		
S60	122.4		34.1	44.1		54.1	24	07/14/81
S63S	70	9	12	22	22	22		
S63D	69.5	24	26	36	36	36	22	08/07/81
S64S	57.6	9	10	15	15	15		
S64M	57.7	25	27	32	32	32		
S64D	57.8	38	40	55	55	56	35	
S65S	76.8	3	4	24	24	24		
S65M	77	25	27	37	37	37		
S65D	76.9	39.2	41.4	56.4	56.4	59.2	36.4	
S65DR	77.6	45	47	57	60.6	60.6	38.5	01/10/91
S66D	69.9	17.7	19.7	34.7	34.7	34.7	11.5	
S67S	83.2	22	24	34	34	34		
S67M	83.3	31	33	43	43	43		
S67D	83.3	58	60	75	75	75	54	
S68S	45.2	12.9	14.5	45	45	45		
S68D	45.5	52	55	105	112	112	105	
S69D	75.4	39	40	55	55	55	35	03/18/85

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
S70S	70		15	30	30	30		
S70M	70	40	42	62	62	62		
S70D	69.4	65	67	82	83	83	62	
S71S	71.4	9	11	16	16	16		02/01/85
S71D	71.4	20	22.7	42.7	42.7	42.7	16.5	02/01/85
S72S	51.2		14	54	54	54		
S72M	50.9	54	54.5	92.5	92.5	92.5		
S72D	50.2		122	137	137	137	116	
S73S	52.6	9	10	35	35	35		01/04/85
S73D	52	39	41	56.5	56.5	56.9	36	01/04/85
S74S	48		8	58	58	58		01/15/85
S74D	48.2	70	73	88.5	88.5	88.5	67.5	01/15/85
S75S	57	28.5	29	44	44	44		01/09/85
S75M	56.7	48	50	75	75	75		01/09/85
S75D	56.9	79	80	95	95	95	75	01/09/85
S76S	53.4	13	15	65	65	65		01/23/85
S76M	52.4	75	78	128	128	128		01/23/85
S76D	53	133	135	150	150	150	130	01/23/85
S77SS	44.6	7	8	13	13	13		02/18/85
S77S	44.7	23.5	25	30	30	30		02/18/85
S77M	44.7	68	70	75	75	75		01/18/85
S77D	44.9	130	133.5	138	138.5	138.5		02/18/85
S78S	45.4	4	5	25	25	25		02/02/85
S78D	45.8	93	95	110.5	110.5	110.5	90.5	02/02/85
S79S	48	4	5	25	25	25		
S79D	47.4	111	112.5	127.5	128	128	107.5	
S80S	48.7	42	45	55	55	55		11/20/84
S80M	48.7	53	55	65	65.5	72		11/20/84
S81S	54.7	8	10	20	20	20		02/08/85
S81M	55.4	34	35	50	50	50		02/08/85
S81D	54.1	65	67	82	82.5	82.5	62	02/08/85
S82	57	24	25	35	35	45		03/18/85

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
S83SS	48.5	2	3	13	13	13		
S83M	48.2	68	70	80	80	81		
S83	48.1	66	70	80	80.33	87		02/28/85
S84S	45.9	11	13	18	18	18		03/05/85
S84M	46	39	40	45	45	45		03/05/85
S84D	46.2		73	78		91.5	81.5	03/05/85
S85S	46.1	18	20	30	30	62		02/26/85
S85M	46.1	64	65	71		75.5	70	02/26/85
S86S	44.7	18	20	30	30.5	62		03/06/85
S86D	44.3	45	47	52	52	62		03/06/85
S87S	45.4		7	9				10/02/85
S87M	46.3		37	39		40		10/01/85
S87D	45.6		76.5	78.5		80		10/16/85
S88S	44.2		7	9				10/11/85
S88M	44.2		37	39				10/11/85
S88D	44.2		77	79		82.5		10/10/85
S89S	43.8		29	31				10/09/85
S89M	43.8		53	55				10/10/85
S89D	43.8		116.5	118.5		121.5		10/08/85
S90S	47.3		7	9				10/01/85
S90M	47.2		37	39		40		10/01/85
S90D	47.3		65	67		74	66	10/23/85
S91S	44.7		7	9				10/02/85
S91M	45.3		37	39		40		10/02/85
S91D	44.4		77	79		80		10/08/85
S92S	43		9	14				11/01/85
S92M	43		37	39				11/01/85
S92I	43		55	57				11/01/85
S92D	43		76.5	78.5		80		10/31/85
S93S	43.4		10	14				10/29/85
S93M	43.4		41.5	43.5				10/29/85
S93D	43.4		77	79		80		10/29/85

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
S94S	45.8		12	14				10/22/85
S94M	46.1		37	39				10/22/85
S94D	45.9		76.6	78.6		80		10/21/85
S95S	43		9	14				11/09/85
S95M	43		37	39				11/09/85
S95D	43		73	75		80		11/08/85
S96S	43		10	14				10/29/85
S96M	43		37	39				10/29/85
S96D	43		77	79		80		10/28/85
S97S	48.9		9	14				11/11/85
S97M	48.5		23	25		26.5		11/11/85
S97D	48.6		36.5	44		44	33.5	11/11/85
UC4	73.6		9.9	19.8		20	8	11/04/86
UC5	73		8.9	18.8		19.5	3	11/04/86
UC6S	67.5		8	18		18.5		09/23/92
UC6	68.3		33.1	43	43	58	54.5	11/14/86
UC7-1	71					148	16.5	12/01/86
UC7-2	71					148	16.5	12/01/86
UC7-3	71					148	16.5	12/01/86
UC7-4	71					148	16.5	12/01/86
UC7-5	71					148	16.5	12/01/86
UC7A-5	71		16	16		147	16.5	12/01/86
UC7A-4	71		41	41		147	16.5	12/01/86
UC7A-3	71		77	77		147	16.5	12/01/86
UC7A-2	71		104	104		147	16.5	12/01/86
UC7A-1	71		133	133		147	16.5	12/01/86
UC8	74.2		7.7	20.8		20.8	8.3	01/08/87
UC9-6	84.5		37	37		238	10.1	05/12/87
UC9-5	84.5		60	60		238	10.1	05/12/87
UC9-4	84.5		112	112		238	10.1	05/12/87
UC9-3	84.5		150	150		238	10.1	05/12/87
UC9-2	84.5		181	181		238	10.1	05/12/87

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
UC9-1	84.5		238	238		238	10.1	05/12/87
UC10-6	69.6		93	93		243.5	77	05/26/87
UC10-5	69.6		128	128		243.5	77	05/26/87
UC10-4	69.6		158	158		243.5	77	05/26/87
UC10-3	69.6		182	182		243.5	77	05/26/87
UC10-2	69.6		227	224		243.5	77	05/26/87
UC10-1	69.6		243	243		243.5	77	05/26/87
UC10S	69.6		10	20				09/24/92
UC10M	69.8		31	36				09/24/92
UC10D	69.6		49	54.5		72		09/23/92
UC11-6	70.2		52	52		335	22	09/09/87
UC11-5	70.2		93	93		335	22	09/09/87
UC11-4	70.2		173	173		335	22	09/09/87
UC11-3	70.2		212	212		335	22	09/09/87
UC11-2	70.2		273	273		335	22	09/09/87
UC11-1	70.2		335	335		335	22	09/09/87
UC12-6	74.8		58	58		343	32	09/14/87
UC12-5	74.8		94	94		343	32	09/14/87
UC12-4	74.8		159	159		343	32	09/14/87
UC12-3	74.8		197	197		343	32	09/14/87
UC12-2	74.8		274	274		343	32	09/14/87
UC12-1	74.8		340	340		343	32	09/14/87
UC13-5	83.3		15	15		355	47	09/25/87
UC13-4	83.3		72	72		355	47	09/25/87
UC13-3	83.3		114	114		355	47	09/25/87
UC13-2	83.3		152	152		355	47	09/25/87
UC13-1	83.3		213	213		355	47	09/25/87
UC14-5	59.2		98	98		346.5	75.1	10/14/87
UC14-4	59.2		157	157		346.5	75.1	10/14/87
UC14-3	59.2		236	236		346.5	75.1	10/14/87
UC14-2	59.2		295	295		346.5	75.1	10/14/87
UC14-1	59.2		339	339		346.5	75.1	10/14/87

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
UC15	70.7		54	79		79	51	09/29/87
UC15S	70.7		78.1	88.1			51	
UC15D	70.7		280	270			51	
UC16	72.8		11	28		28.4	8	09/30/87
UC17	73.5		11.7	30		30	9	10/01/87
UC18	73.2		13.4	33		33	10.5	10/02/87
UC19S	70.9		6.5	16.5		33		09/21/92
UC19M	70.8		27.5	32.5		33		09/22/92
UC19	70.9		40.3	58.6		58.6	37.5	10/05/87
UC20	73.1		8	27		27	6.3	10/06/87
UC21	54.1		62	319.1		319	61	01/22/88
UC22	84.7		15	190			9	01/13/88
UC23-5	91.1		243	243		400	13.5	01/03/91
UC23-4	91.1		265	265		400	13.5	01/03/91
UC23-3	91.1		304	304		400	13.5	01/03/91
UC23-2	91.1		384	384		400	13.5	01/03/91
UC23-1	91.1		400	400		400	13.5	01/03/91
UC24S	69.9		9	19		20		09/21/92
UC24D	69.8		47	52		62	57.2	09/22/92
UC25	71.9		5.5	15.5		18		09/23/92
UC26S	69.2							
UC26D	69.1							
UC29S	70.8							
UC29D	70.7							
UC30	73.8							
UC31S	69.5							
UC31M	69.2							
UC31D	69.3							
UG1-7	73.1		121	121		500	23	03/27/91
UG1-6	73.1		159	159		500	23	03/27/91
UG1-5	73.1		172	172		500	23	03/27/91
UG1-4	73.1		227	227		500	23	03/27/91

Table _____ Well Master List

Well	Ground Surface Elevation (feet, msl)	Depth to Top of Gravel Pack (feet)	Depth to Top of Screen (feet)	Depth to Bottom of Screen (feet)	Depth to Top of Gravel Pack (feet)	Total Depth of Borehole (feet)	Depth of Bedrock (feet)	Completion Date
UG1-3	73.1		390	390		500	23	03/27/91
UG1-2	73.1		481	481		500	23	03/27/91
UG1-1	73.1		489	489		500	23	03/27/91
UG2-4	47.3		9	10				06/08/91
UG2-3	47.3		24	25				06/08/91
UG2-2	47.3		38	39				06/08/91
UG2-1	47.2		42	43				06/08/91
UG3-1	71.1		21	22				06/08/91
UG4-5	46.9		9	10				06/13/91
UG4-4	46.9		24	25				06/13/91
UG4-3	46.9		39	40				06/13/91
UG4-2	46.9		54	55				06/13/91
UG4-1	46.9		68	70				06/13/91
UG5	50.8		2	11		12		02/01/93
UG6	50.1		2.5	11.5		12		02/01/93
UG7S	51.5		2	11		12		02/01/93
UG7D	51.5		25.5	34.5		36		02/02/93
WB1SS	46.1	2	3	13	13	47		
WB1M	45.2	33	35	45	45	47		
WE1	56	2.5	3	18	22	22		01/28/87
WE2	55	2.5	3	18	21	21		01/27/87
WE3	54	2	3	18	22	22		01/29/87

Table _____ Well Master List
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LITHOLOGIC LOGS

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
AB2	0	Fill	AB2SS
	5	Peat	AB2SS
	6	Sand	AB2SS
	19	Sandy Gravel	
	24	Sand	
	34	Sandy Gravel	
	44	Gravel	
	50	Sand	
	59	Gravel, (dense)	
	65	Sandy Gravel	
	74	Sandy Gravel	
	79	Gravel	
	82	Silt/Clay	
	104	Bedrock	AB2R
	132	Total Depth	
BUG	0	Soil	
	4	Peat	
	6	Silty Sand	
	8	Sand	510
	54	Clayey Sand	34
	76	Sandy Gravel	12
	83.2	Bedrock, Total Depth	
BW1	0	No Log	BSW1,BW1
	43	Total Depth	
BSW2	0	Sand	BSW2
	23	No Log	
	80	Bedrock	BW2R
	95	Total Depth	
BW2	0	Silty Sand, (with organics)	
	3	Sand	
	27	Gravelly Sand	BW2
	47	Total Depth	
BW3	0	Sand	
	27	Gravelly Sand	BW3
	40	Gravelly Sand	BW3
	47	Total Depth	
BW4	0	Sand, (with organics)	
	12	Sand	
	32	Gravelly Sand, (dense)	BW4
	45	Bedrock, Total Depth	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
BW5	0	Silty Sand, (with organics)	BSSW5
	3	Sandy Gravel, (dense)	BSSW5,BW5
	40	No Log	
	43	Bedrock	BWR5
	58	Total Depth	
BW6R	0	No Log	
	32	Bedrock	BW6R
	47.5	Total Depth	
BSW6	0	Silty Sand, (with organics)	
	2	Sand	
	7	Sandy Gravel, (dense)	BSSW6
	19	Gravel, (cobbles)	BSW6
	25	Bedrock	BSW6
	27		BSW6
	32.5	Total Depth	
BW7	0	Silty Sand, (peaty)	
	1	Sand, (with organics)	BSW7
	10	Sand	
	25	Sand	BW7
	41	Total Depth	
BW8	0	Sand	BOW8
	4	Sandy Gravel	BOW8
	8	Sandy Gravel/Silt	BOW8,BSW8
	27	Sandy Gravel	
	43	Mixture of Sand, Silt, and Gravel	BCW8
	47	Mixture of Sand, Silt and Gravel, (dense), (cobbles)	BCW8
	61	Bedrock, (fractures)	BW8
	77	Total Depth	
BW9	0	Sandy Gravel	
	4	Mixture of Sand, Silt, and Gravel, (dense), (cobbles)	BOW9,BSW9
	29	Bedrock	BW9
	44	Total Depth	
BW10	0	Sandy Gravel	BOW10,BSW10, BCW10
	33	Mixture of Sand, Silt, and Gravel	BCW10
	39.5	Bedrock	BW10
	61	Total Depth	
BW11	0	Sandy Gravel	
	2	Mixture of Sand, Silt, and Gravel, (dense)	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	7.5	Silty Sand	
	10.5	Mixture of Sand, Silt, and Gravel, (dense)	
	19	Silty Sand	
	22.5	Mixture of Sand, Silt, and Gravel	BW11
	36	Total Depth	
BW12	0	Sand	BSW12
	33	Silty Sand	
	37	Sand	
	44	Sandy Gravel	
	45	Sand	
	58.5	Sandy Gravel	BW12
	79	Sandy Gravel, (dense)	BW12
	85	Total Depth	
BW13	0	Silty Sand	
	4	Sandy Gravel	BOW13
	8	Mixture of Sand, Silt, and Gravel	BOW13,BSW13
	38	Gravel	
	45	Mixture of Sand, Silt, and Gravel, (dense)	BCW13
	57.5	Gravel	BW13
	67.5	Total Depth	
BW14	0	Peat	
	1	Sand	BOW14,BSW14
	35	Mixture of Sand, Silt, and Gravel, (dense), (cobbles)	BCW14
	64	Mixture of Sand, Silt, and Gravel, (dense)	
	70	Bedrock, (fractures)	BW14
	120	Total Depth	
BOW15	0	No Log	BSSW15,BOW15
	30	Total Depth	
BW15R	0	No Log	
	20	Sandy Gravel.,	
	25	Sandy Gravel, (dense)	BCW15
	32	Mixture of Sand, Silt, and Gravel, (dense)	BCW15,BW15RP
	45	Bedrock, (fractures)	BW15RP,BW15R
	63.5	Total Depth	
BW15R2	0	No Log	
	43	Bedrock	BW15R2
	63	Total Depth	
BW16	0		BSSW16,BOW16, BW16R
	133		

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
BW19R	0	No Log	
	42	Bedrock	BW19R
	56.5	Total Depth	
CHM10	0	Fill	
	6.5	Sand	
	10	Sand	
	13	Sandy Silt	
	17	Silt	CHM10
	24	Silty Sand, (dense)	CHM10
	28.5	Sandy Gravel, (dense)	CHM10
	36.3	Total Depth	
CHM11	0	Fill	CHM11
	7	Sand, (dense)	CHM11
	17	Total Depth	
CHM12	0		CHM12
	10	Sandy Gravel, (dense)	CHM12
	12	Silty Sand, (dense), Total Depth	
CHM13	0	Fill	CHM13
	3	Sandy Gravel, (dense)	CHM13
	13	Silty Sand	
	17	Total Depth	
CHM14	0	Fill	CHM14
	4	Sandy Gravel	CHM14
	8	Sand	CHM14
	18	Total Depth	
G01	0	Gravelly Sand, (dense)	
	4	Sandy Silt/Gravelly Silt, (dense)	GO1S
	13	Sandy Gravel, (dense)	GO1S
	17	Mixture of Sand, Silt, and Gravel	
	19	Bedrock	GO1D
	70.6	Total Depth	
G1	0	Sandy Gravel, (dense)	
	7	Gravelly Silt, (dense), (cobbles)	
	25	Sandy Gravel, (dense)	G1S
	34.5	Bedrock, (fractures)	G1S
	51.5	Total Depth	
G1DB	0	No Log	
	31	Bedrock	G1DB
	190	Total Depth	
G2	0	Sandy Gravel	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	4	Sandy Gravel, (dense)	G2S
	18	Sandy Silt, (dense)	
	21	Gravelly Silt, (dense)	
	24	CG,, (dense), (cobbles)	
	29	Bedrock	G2D
	351	Total Depth	
G3	0	Sand	
	5	Gravelly Sand, (dense)	
	10	Sandy Silt, (dense)	
	14	Sand, (dense)	
	19	Mixture of Sand, Silt, and Gravel, (dense)	G3S
	24	Silty Sand, (dense)	G3S
	30	Sandy Gravel, (dense)	G3S
	38.5	Bedrock	G3D
	194	Total Depth	
G4	0	Mixture of Sand, Silt, and Gravel, (dense)	
	7	Sandy Gravel, (dense)	G4S
	22	Sandy Gravel, (dense)	G4S
	24.5	Bedrock	G4S,G4D
	44.5	Total Depth	
G5	0	Mixture of Sand, Silt, and Gravel	
	4	Silty Sand, (dense)	G5S
	19.5	Bedrock	G5S,G5D
	41	Total Depth	
G7	0	Gravelly Sand, (dense), (cobbles)	G7S
	10	Gravelly Silt, (dense)	G7S
	29.5	Bedrock, (fractures)	G7D
	51	Total Depth	
G10	0	Mixture of Sand, Silt, and Gravel, (dense), (cobbles)	
	4	Sandy Gravel, (dense), (cobbles)	
	6	Sandy Silt, (dense)	G10S
	22	Bedrock	G10S,G10D, G10DB
	100	Total Depth	
G11	0	Fill	
	4	Sandy Gravel, (dense), (cobbles)	
	8	Sandy Silt, (dense)	
	14	Sandy Silt, (dense)	G11S
	21	Bedrock	G11D
	44	Total Depth	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
G12	0	Sandy Gravel, (dense)	
	4.5	Silt	
	5.5	Sand, (dense)	
	8.5	Silty Sand, (dense)	
	14	Silty Sand, (dense)	G12S
	18	Sand, (dense)	G12S
	25.5	Bedrock	G12D
	46	Total Depth	
G13	0	Sand, (dense)	
	3	Sandy Gravel, (dense)., (cobbles)	
	6	Sandy Gravel, (dense), (cobbles)	G13S
	25.8	Bedrock	G13D
	52.2	Total Depth	
G14	0	Sandy Gravel,	
	7	Sandy Silt, (dense)	G14S
	14	Gravelly Silt, (dense)	G14S
	22.7	Bedrock	G14D
	42.7	Total Depth	
G15	0	Fill	
	2	Sandy Gravel, (dense), (cobbles)	
	4	Silty Sand, (dense), (cobbles)	
	8	Gravelly Silt, (dense)	G15S
	23.9	Bedrock	G15D
	46.5	Total Depth	
G16	0	Mixture of Sand, Silt, and Gravel, (dense), (cobbles)	
	4	Sand, (dense), (cobbles)	
	12	Sandy Gravel, (dense), (cobbles)	
	18	Gravel, (cobbles)	
	20	Gravelly Silt, (dense), (cobbles)	G16S
	37.5	Bedrock	G16D
	59.3	Total Depth	
G17	0	Gravelly Silt, (dense)	
	2	Sandy Silt, (dense), (cobbles)	
	20	Gravel	
	33	Sandy Gravel and Silt, (dense)	
	38	Silt, (dense)	G17S
	50	Bedrock, (fractures)	G17D
	72	Total Depth	
G18	0	Mixture of Sand, Silt, and Gravel, (dense)	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	6	Silty Sand, (dense)	
	8	Gravelly Silt, (dense), (cobbles)	
	17	Sandy Silt, (dense), (cobbles)	G18S
	33	Bedrock	G18D
	53	Total Depth	
G19	0	Sandy Silt,, (dense)	
	9	Sandy Gravel, (dense)	G19S
	12	Gravelly Silt, (dense)	G19S
	22	Gravelly Silt, (dense), (cobbles)	
	49	Mixture of Sand, Silt, and Gravel, (dense)	
	54	Bedrock, (fractures)	G19D
	75	Total Depth	
G20	0	Silty Sand, (dense)	
	2.5	MG/Sandy Silt, (dense)	
	23	Gravelly Silt, (dense)	G20S
	29	Mixture of Sand, Silt, and Gravel, (dense)	G20S
	36	Mixture of Sand, Silt, and Gravel, Gravelly Silt, Sandy Silt, (dense)	
	48	Mixture of Sand, Silt, and Gravel, (dense)	G20D
	63.5	Bedrock, (fractures)	G20D
	85	Total Depth	
G21	0	Mixture of Sand, Silt, and Gravel	
	7	Sandy Gravel, (dense), (cobbles)	
	10	Mixture of Sand, Silt, and Gravel, (dense)	
	18	Sand, (dense)	G21S
	20	Sand, (dense)	G21S
	25	Silty Sand, (dense)	G21S
	28	Bedrock	G21D
	49.5	Total Depth	
G22	0	Sand, (dense)	
	2	Sandy Gravel, (dense)	
	45	Sandy Gravel, (dense), (cobbles)	
	13	Gravel, (cobbles)	
	15	Sand, (dense)	G22S
	23	Sandy Silt, Gravelly Silt, (dense)	G22S
	32.5	Bedrock, (fractures)	G22D
	52.8	Total Depth	
G23	0	Sandy Gravel, (dense), (cobbles)	
	7.5	Mixture of Sand, Silt, and Gravel, (dense)	
	13	Sandy Gravel, (dense)	G23S
	24.5	Bedrock	G23D

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	47.5	Total Depth	
G24	0	Mixture of Sand, Silt, and Gravel, (dense)	
	2	Sandy Gravel, (dense), (cobbles)	
	7	Sandy Gravel, Silty Sand, (dense)	
	14	Silty Sand, (dense)	G24S
	26	Bedrock	G24D
	47.5	Total Depth	
G25	0	Silty Sand	
	6	Mixture of Sand, Silt, and Gravel, (dense)	
	8	Gravelly Silt, (dense)	
	16	Gravelly Silt, Sandy Silt, (dense)	G25S
	24	Silt, (dense)	G25S
	26	MG	G25S
	31	Bedrock	G25D
	47.7	Total Depth	
G26	0	Sandy Gravel, (dense), (cobbles)	
	7	Gravelly Silt, (dense)	
	23	Bedrock	G26S
	42.3	Total Depth	G26D
G27	0	Mixture of Sand, Silt, and Gravel, (dense)	
	5	Gravelly Silt, (dense)	G27S
	20.7	Bedrock	G27D
	40.5	Total Depth	
G28	0	Silty Sand	
	3	Sandy Gravel, (dense), (cobbles)	
	12	Sandy Silt, (dense), (cobbles)	G28S
	25	Bedrock, (fractures)	G28D
	44.5	Total Depth	
G29S	0	Fill	
	1	Sandy Silt, (dense)	
	8	Sandy Silt/Gravelly Silt, (dense)	G29S
	12	Sandy Gravel, (dense), (cobbles)	G29S
	15	Sandy Gravel, (dense)	G29S
	29	Total Depth	
IUS1	0	Fill	
	2	Mixture of Sand, Silt, and Gravel, (till)	
	12	Bedrock	IUS1
	26.9	Total Depth	
IUS2	0	Fill	
	2	Silty Sand	IUS2C

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	18	Mixture of Sand, Silt, and Gravel, (till)	IUS2B
	60	Clay	
	62	Mixture of Sand, Silt, and Gravel, (till)	
	71	Bedrock	IUS2A
	89	Total Depth	
IUS3	0	Silty Sand	3C
	11	Mixture of Sand, Silt, and Gravel, (till)	3C,3B,3A
	55	Bedrock	3A
	63	Total Depth	
K42	0	No Log	
	10	Mixture of Sand, Silt, and Gravel	
	20	Mixture of Sand, Silt, and Gravel	K42S
	21.4	No Log	K42M.K42D
	66	Total Depth	
K43	0	Fill	
	2	Silty Sand, (with organics)	
	7	Sandy Silt, (with organics)	
	15	Sandy Gravel	K43D
	16.8	Total Depth	
K44	0	no log	K44S
	10	Mixture of Sand, Silt, and Gravel, (cobbles)	K44D
	19.5	Total Depth	
K46	0	Fill	K46
	10	no log	
	17.5	Total Depth	
K47	0	No Log	
	10	Sand	K47
	17	Total Depth	
K48	0	Fill	
	2	No Log	
	10	Silty Sand, (with organics)	K48
	17.8	Total Depth	
K49	0	Fill	
	3	no log	
	5	Silty Sand	K49S
	10	Silty Sand	K49M,D
	24.4	Total Depth	
K50	0	Fill	
	2	No Log	
	9	Sand	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	15	Sandy Gravel	K50
	21.2	Total Depth	
K51	0	No Log	
	10	Sandy Gravel	
	15	Sand	
	20	Sandy Gravel	K51M,K51D
	25		
K53	0	Silty Sand, (cobbles)	
	10	Silty Sand	
	20	Silty Sand, (dense)	K53M
	30	Silty Sand	K53D
	36.4	Total Depth	
K54	0	Fill	
	1	Gravelly Sand, (cobbles)	
	10	Sandy Gravel	
	21	Silty Sand, (dense), (cobbles)	K54M,K54D
	36.4	Total Depth	
K55	0	Silty Sand	
	10	Mixture of Sand, Silt, and Gravel, (dense)	K55S
	27	Sand	K55M,K55D
	39.4	Total Depth	
K56	0	Fill	
	3	No Log	
	10	Mixture of Sand, Silt, and Gravel, (dense), (fr)	K56S,K56M
	27	Sand, (dense)	
	35	Silty Sand	K56D
	39.4	Total Depth	
K57	0	Fill	
	10	Gravelly Sand, (dense)	K57S
	23	Mixture of Sand, Silt, and Gravel, (dense)	K57M,K57D
	31.9	Total Depth	
K58	0	Silty Sand	
	17	Sandy Gravel, (cobbles)	K58S,K58D
	24.5	Total Depth	
K59	0	Sandy Gravel	
	3	Silty Sand/Gravelly Silt	K59S,K59D
	17.2	Total Depth	
K60	0	No Log	
	10	Sandy Gravel, (dense)	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	20	Sand, (dense)	
	30	Sandy Gravel, (dense)	K60S,K60M
	46	Mixture of Sand, Silt, and Gravel, (dense)	K60D
	47.5	Bedrock, Total Depth	
K61	0	Fill	
	3	No Log	
	10	Sandy Gravel, (dense)	
	12	Gravel, (cobbles)	
	17	Sandy Gravel, (dense)	K61M,K61D
	45.5	Bedrock, Total Depth	
K62	0	Fill	
	12	Gravel, (dense), (cobbles)	
	16	Sandy Gravel, (dense)	K62S,K62M
	41	Silt, (dense)	K62D
	43.2	Total Depth	
K63	0	Fill	
	2	Sand	
	5	Sandy Gravel, (dense), (cobbles)	
	12	g,, (cobbles)	
	17	Sandy Gravel, (dense)	K63S,K63M
	46	Silty Sand, (dense)	K63D
	48.9	Total Depth	
K64D	0	No Log	
	10	Sandy Gravel, (dense)	
	12	Gravel, (cobbles)	
	17	Sandy Gravel, (dense)	K64D
	43.3	Total Depth	
MR1SS	0	Fill	MR1SS
	5	Sand	MR1SS
	10	Sandy Gravel	MR1SS
	13	Total Depth	
MR2SS	0	Fill	
	1	Sand	
	5	CS,	MR2SS
	10	Sandy Gravel	MR2SS
	15	Gravel	MR2SS
	17	Total Depth	
MW4	0	Sandy Silt, (with organics)	
	2	Sand	MW4S
	18	Gravel	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	29	Sand	
	31	Gravelly Sand	MW4M
	39	Sand	MW4M
	44	Sandy Gravel	
	59	Sandy Gravel	
	63	Gravelly Sand, (dense)	
	77	Bedrock	MW4D
	95	Total Depth	
RMW1	0	Fill	
	2	Gravelly Silt, (with organics)	RMW1
	9	Mixture of Sand, Silt, and Gravel, (dense), (cobbles)	RMW1
	13	Total Depth	
RMW2	0	Fill	
	9	Mixture of Sand, Silt, and Gravel	
	12	Total Depth	
RMW3	0	Fill	RMW3
	12	Total Depth	
S4	0	Silty Sand	S4
	84	Total Depth	
S5	0	Sand	
	3	Sandy Silt	S5
	8	Silt	S5
	13	Sand	S5
	26	Silt	S5
	29	Sand	S5
	33	Silt/Sand	S5
	37	Silt/Clay	S5
	50	GM	S5
	56	Bedrock	S5
	65.5	Total Depth	
S6	0	Mixture of Sand, Silt, and Gravel, (dense), (cobbles)	S6
	20	Mixture of Sand, Silt, and Gravel, (dense)	S6
	25	Mixture of Sand, Silt, and Gravel, (dense), (clayey)	S6
	35	Mixture of Sand, Silt, and Gravel, (dense), (clayey)	S6
	47	Silty Gravel, (dense)	S6
	55	Mixture of Sand, Silt, and Gravel	S6
	57	Gravel	S6

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	61	Mixture of Sand, Silt, and Gravel, (cobbles)	S6
	75	Silt/Clay	S6
	80	Mixture of Sand, Silt, and Gravel, (dense)	S6
	84	Bedrock	S6
	94	Total Depth	
S7	0	Fill	S7
	5	Sand	S7
	10	Mixture of Sand, Silt, and Gravel	S7
	13	Sand	S7
	15	Mixture of Sand, Silt, and Gravel, (dense)	S7
	18	Bedrock	S7
	48	Total Depth	
S8	0	Fill	
	3	Sand	S8
	10	Sand	S8
	15	Silty Sand,, (clay layer)	S8
	20	Sand	S8
	27	Sandy Gravel, (cobbles)	S8
	45	Mixture of Sand, Silt, and Gravel	S8
	60	Sand, (dense)	S8
	65	Mixture of Sand, Silt, and Gravel, (dense)	S8
	80	Sandy Gravel	S8
	100	Mixture of Sand, Silt, and Gravel, (dense)	S8
	105	Mixture of Sand, Silt, and Gravel, (dense)	S8
	110	Sandy Gravel,	S8
	120	Mixture of Sand, Silt, and Gravel	S8
	123	Bedrock	S8
	128.5	Total Depth	
S10	0	Fill	
	2	Sandy Gravel, (cobbles)	
	5	Mixture of Sand, Silt, and Gravel	
	11	Sandy Gravel	
	22	Sand	
	42	Sandy Silt	
	47	Sand	
	60	Sand	
	66	Silty Sand	
	71	Silt/Sand	
	77	Bedrock	
	87	Total Depth	
S11	0	Sandy Gravel	S11

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	12	Gravelly Sand	S11
	25	Mixture of Sand, Silt, and Gravel	S11
	30	Gravelly Sand	S11
	32	Gravel	S11
	36	Sandy Gravel	S11
	42	Sand	S11
	51	Sandy Gravel	S11
	56	Mixture of Sand, Silt, and Gravel	S11
	75	Bedrock	S11
	86	Total Depth	
S21	0	Fill	S21
	18	Mixture of Sand, Silt, and Gravel, (clayey)	S21
	21	Bedrock	S21
	31.5	Total Depth	
S22	0	Fill	S22
	6	Gravel	S22
	11	Sandy Gravel, (dense)	S22
	30	Mixture of Sand, Silt, and Gravel, (dense)	S22
	36.5	Bedrock	S22
	44	Total Depth	
S39	0	Peat	
	3	Sand	
	27	CS,	
	56	Sandy Gravel	S39
	84	Sandy Gravel	S39
	89.3	Total Depth	
S40	0	Soil	
	2	Sand	
	17	CS,	
	26	Sand	
	28	Sandy Gravel	
	45	Sandy Gravel	
	58	Sandy Gravel	S40
	88	Total Depth	
S41	0	No Log	
	38	Bedrock	S41
	358	Total Depth	
S46	0	Sand	
	25	Sandy Gravel	S46
	51	Total Depth	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
S47	0	No Log	
	35	Total Depth	
S60	0	Sandy Gravel, (boulder	
	3	Mixture of Sand, Silt, and Gravel	
	24	Bedrock	S60
	54.1	Total Depth	
S63	0	Fill	
	8	Sand	S63S
	22	Bedrock, (fractures)	S63D
	36	Total Depth	
S64	0	Sand	S64S
	15	Sandy Gravel	
	25	Sandy Gravel	S64M
	30	Mixture of Sand, Silt, and Gravel	S64M
	35	Bedrock, (fractures)	S64D
	36	Total Depth	
S65	0	Fill	
	2	Sandy Gravel	S65S
	10	Silty Sand, (cobbles)	S65S,S65M
	27	Gravel	S65M
	60.6	Total Depth	S65D
S66	0	Soil	
	2	Sand	
	12	Bedrock	S66D
	48.9	Total Depth	
S67	0	Fill	
	4	Mixture of Sand, Silt, and Gravel	
	10	Sandy Gravel, (dense), (cobbles)	
	17	Sand/Gravel/Silt/	S67S
	25	Mixture of Sand, Silt, and Gravel, (dense)	S67S
	30	Mixture of Sand, Silt, and Gravel, (clayey at depth)	S67S,Silt
	54	Bedrock, (fractures)	S67D
	75	Total Depth	
S68	0	Sand	
	2	Peat	
	5	Sand	S68S
	15	Sandy Gravel	S68S
	20	No Log	S68S
	60	Sandy Gravel	S68D

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	65	No Log, (dense)	S68D
	70	Gravel, (dense)	S68D
	75	No Log	S68D
	85	Sandy Gravel	S68D
	90	(dense)	S68D
	95	Mixture of Sand, Silt, and Gravel, (dense), (clayey), (sand lens)	S68D
	105	Bedrock, (competent)	
	112	Total Depth	
S69	0	Sandy Gravel	
	2	Sandy Gravel	
	10	Sandy Silt, (dense)	
	21	Sand, (dense)	
	26	Sand, (dense)	
	35	Bedrock, (fractures)	S69D
	55	Total Depth	
S70	0	Fill	
	10	Silty Sand, (dense)	S70S
	20	Silty Sand/Clayey Sand, (dense)	S70S
	35	Mixture of Sand, Silt, and Gravel, (dense)	S70M
	62	Bedrock, (fractures)	S70D
	83	Total Depth	
S71	0	Sandy Gravel, (dense)	
	6	Silty Sand	
	8	Gravelly Sand	S71S
	10	Gravel	S71S
	12	Silty Sand	S71S
	14	Gravelly Sand	S71S
	16.5	Bedrock, (fractures)	S71D
	42.7	Total Depth	
S72	0	Soil	
	5	Sandy Peat	
	10	Mixture of Sand, Silt, and Gravel	
	13	Silty Sand	S72S
	35	Sandy Silt	S72S,S72M
	75	Sandy Gravel	S72M
	80	Mixture of Sand, Silt, and Gravel, (dense)	S72M
	116	Bedrock, (fractures)	S72D
	137	Total Depth	
S73	0	Loam	
	5	Sandy Gravel	S73S

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	12	Sand	S73S
	25	Sand	S73S
	30	Gravelly Sand	S73S
	36	Bedrock, (fractures)	S73D
	56.9	Total Depth	
S74	0	Soil	
	6	Sandy Gravel	S74S
	10	Sandy Gravel	S74S
	15	Clayey Sand	S74S
	20	Silt/Clay	S74S
	23	Sand	S74S
	27	Silty Sand	S74S
	35	Sand	S74S
	50	Sand	S74S
	55	Sand	S74S
	60	Silty Sand (clayey)	S74D
	68	Bedrock, (fractures)	S74D
	88.5	Total Depth	
S75	0	Fill	
	2	Sand	
	16	Sandy Gravel	
	20	Mixture of Sand, Silt, and Gravel	
	25	Sand	S75S,S75M
	60	Sand	S75M
	65	Silt	S75M
	70	Silty Sand	S75M
	75	Bedrock, (fractures)	S75D
	95	Total Depth	
S76	0	Sand	
	5	Silty Sand	
	15	Silt	S76S
	20	Sand/Silt	S76S
	30	Silty Sand	S76S
	35	Sand	S76S
	45	Silty Sand	S76S
	59	Sand	S76S
	62	Silty Sand	S76S,S76M
	85	Sand	S76M
	93	Sandy Gravel, (dense)	S76M
	105	Sand	S76M
	110	No Log, (dense)	S76M

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	130	Bedrock, (fractures)	S76D
	150	Total Depth	
S77	0	Fill	
	4	Sand	S77SS
	20	Sand	
	25	Sand	S77S
	30	Sand	
	34	Silt, (dense)	
	48	Silty Sand	
	55	Sand	
	59	Sandy Gravel	
	63	Sand	S77M
	80	Sand/Gravel	
	85	Sandy Gravel	
	87	Sand	
	99	Silty Sand, (dense)	
	110	Silt, (dense)	S77D
	138.5	Total Depth	
S78	0	Sand	S78S
	12	Sand	S78S
	17	Sand/Silt, (dense)	S78S
	32	Sandy Gravel	
	43	Sand	
	63	Sandy Silt, (dense)	
	75	Sandy Gravel	
	90	Bedrock	S78D
	110.5	Total Depth	
S79	0	Fill	S79S
	9	Silty Sand, (with organics)	S79S
	14	Sand	S79S
	60	Silty Sand	
	69	Sand, (dense)	
	80	Gravelly Sand	
	84	Sand	
	87	no log	
	95	Sandy Gravel, (dense)	
	107	Bedrock	S79D
	128	Total Depth	
S80	0	Fill	
	5	Silty Sand	
	25	Sand	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	30	Mixture of Sand, Silt, and Gravel	
	35	GM	
	40	Sandy Gravel	S80S
	45	Silty Sand	S80S
	50	Gravel, (dense)	S80S,S80D
	65	Mixture of Sand, Silt, and Gravel, (dense)	
	72	Total Depth	
S81	0	Peat/Sand	
	10	Sandy Gravel	S81S
	15	Sand	S81S
	20	Sandy Gravel	S81M
	49	Silt, (dense)	
	52	Mixture of Sand, Silt, and Gravel, (dense), (till)	
	62	Bedrock, (fractures)	S81D
	82.5	Total Depth	
S82	0	No Log	
	5	Sand	
	10	Silty Sand	
	20	Sand	
	25	Silty Sand	S82
	30	Sand, (dense)	S82
	35	Mixture of Sand, Silt, and Gravel, (dense)	
	45	Total Depth	
S83	0	Sand	
	10	Silty Sand, Sandy Silt	
	35	Sandy Silt/Sandy Clay	
	40	Sand	
	45	Gravelly Sand	
	50	Sand	
	65	Sandy Gravel	S83
	75	Sandy Gravel	S83
	80	Silt	
	85	Clayey Sand, (dense)	
	87	Total Depth	
S83M	0	Fill	S83SS
	5	Soil, (with organics)	S83SS
	6	Sand	S83SS
	24	Sandy Gravel	
	29	Sand	
	34	Silty Sand	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	38	Sandy Gravel	
	44	Sand/Gravel	
	54	Gravel	
	60	Sandy Gravel	S83M
	81	Total Depth	
S84	0	Sand	
	5	Sand	
	10	Sandy Gravel	S84S
	15	Sandy Gravel	S84S
	25	Sand	
	30	Sand	
	35	Sandy Gravel	S84M
	40	Sand	S84M
	50	Sand, (dense)	
	60	Sandy Gravel	S84D
	81	Bedrock	
	91.5	Total Depth	
S85	0	Sand	
	15	Sand	S85S
	25	Sandy Gravel	S85S
	40	Sandy Gravel, (dense)	
	45	No Log,	
	59	Mixture of Sand, Silt, and Gravel	S85M
	65	Sandy Gravel	S85M
	70	fragments	S85M
	75.5	Total Depth	
S86	0	Sand	
	5	Sandy Gravel	
	10	Sand	
	15	Sandy Gravel	S86S
	25	Gravelly Sand	
	30	Sand	
	40	Sandy Gravel	
	45	Sand	S86D
	52	Mixture of Sand, Silt, and Gravel, (dense), (till)	
	62	Total Depth	
S87	0	Peat	
	2	Sandy Silt, (with organics)	S87S
	10	Sand	
	15	Silty Sand	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	25	Sand	S87M
	40	Sand	
	50	Sandy Gravel, (dense)	
	60	Sandy Gravel, (dense)	
	65	Gravelly Sand, (dense)	
	75	Gravelly Sand, (dense)	S87D
	80	Total Depth	
S88	0	Peat	
	2	Sand	S88S,S88M
	7	Sandy Gravel, Gravelly Sand	
	40	Sandy Gravel	
	45	Sand, (cobbles)	
	60	Sandy Gravel, (cobbles)	S88D
	82.5	Total Depth	
S89	0	Peat	
	5	Sandy Silt, (with organics)	
	26	Sand	S89S
	40	Sand	
	50	Silty Sand	S89M
	55	Sand	
	100	Mixture of Sand, Silt, and Gravel	
	105	Sand	
	115	Gravelly Sand, (dense)	S89D
	121.5	Total Depth	
S90	0	Sand	S90S
	15	Sandy Gravel	
	25	Sandy Gravel	S90M
	30	Sand	
	35	Sandy Gravel, (dense)	S90D
	40	Sandy Gravel, (dense)	
	66	Bedrock	
	74		
S91	0	Peat	
	1	Sand, (with organics)	
	5	Silty Sand, (with organics)	S91S
	35	Sandy Gravel	S91M
	65	Gravelly Sand	
	70	Mixture of Sand, Silt, and Gravel, (dense)	
	75	Sandy Gravel, (dense)	S91D
	80	Total Depth	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
S92	0	Peat	
	7	Sand	S92S
	20	Sandy Silt	
	25	Silt/Clay	
	30	Sand	
	34	Sand	S92M,S92I,S92D
	80	Total Depth	
S93	0	Peat	
	3	Sand	
	10	Sand	S93
	54	Mixture of Sand, Silt, and Gravel, (cobbles)	
	80	Total Depth	
S94	0	Sand, (with organics)	
	5	Sand	S94S
	14	Sandy Gravel, (cobbles)	S94S
	35	Sandy Gravel, (cobbles)	S94M
	55	Sandy Gravel, (cobbles)	S94D
	80	Total Depth	
S95	0	Peat	
	3	Silty Sand, (with organics)	S95S
	10	Sand	S95S,S95M
	50	Sandy Gravel	
	75	Sandy Gravel, (till), (cobbles)	S95D
	80	Total Depth	
S96	0	Peat	
	2	Sand	
	10	Sand	S96S,S96M
	39	Sand	S96M
	43	Sand	
	50	Sandy Gravel	
	59	Sand	
	70	Sandy Gravel	
	73	Sandy Gravel, (dense), (cobbles)	S96D
	80	Total Depth	
S97	0	Sandy Soil	
	2	Sandy Gravel/Sand,, (cobbles)	S97S,S97M
	25	Mixture of Sand, Silt, and Gravel, (dense)	S97M
	33	Bedrock	S97D
	44	Total Depth	
UC4	0	Mixture of Sand, Silt, and Gravel, (till)	

Table of Lithologic Logs

Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	6	Mixture of Sand, Silt, and Gravel	
	7	Bedrock	UC4
	20	Total Depth	
UC5	0	Fill	
	3	Bedrock, (fractures)	UC5
	19.5	Total Depth	
UC6S	0	Silty Sand	
	3	Sandy Gravel	UC6S
	15	Mixture of Sand, Silt, and Gravel	UC6S
	18	Total Depth	
UC6	0	Sandy Gravel, (boulders)	UC6
	54.5	Bedrock	
	58	Total Depth	
UC7	0	Sand	
	16	Bedrock	
	148	Total Depth	
UC7A	0	Sandy Gravel	5
	16.6	Bedrock	14
	147	Total Depth	
UC8	0	Fill	
	7	Mixture of Sand, Silt, and Gravel, (till)	UC8
	11	Total Depth	
UC9	0	Fill	
	8	No Log	
	10	Bedrock, (fractures)	
	238	Total Depth	
UC10	0	Silty Sand	UC10S
	15	Mixture of Sand, Silt, and Gravel	UC10S
	22	Silty Sand	
	25	Sandy Silt	UC10M
	35	Gravelly Silt	UC10M
	40	Mixture of Sand, Silt, and Gravel	UC10D
	60	Sandy Gravel	
	72	Total Depth	
UC10P	0	Fill	
	2	Sand	
	8	Silty Sand	
	30	Mixture of Sand, Silt, and Gravel	
	70	Sandy Gravel	
	77	Bedrock	

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Number	Depth (feet, bgs)	Sediment Classification	Well Completion
	243	Total Depth	
UC11	0	No Log	
	22	Bedrock, (fractures)	16
	335	Total Depth	
UC12	0	No Log	
	32	Bedrock, (fractures)	16
	343	Total Depth	
UC13	0	No Log	5
	47	Bedrock, (fractures)	14
	355	Total Depth	
UC14	0	No Log	
	74	Bedrock, (fractures)	15
	346.5	Total Depth	
UC15	0	No Log	
	51	Bedrock, (fractures)	UC15
	79	Total Depth	
UC16	0	No Log	
	8	Bedrock	UC16
	28.4	Total Depth	
UC17	0	No Log	
	9	Bedrock	UC17
	30	Total Depth	
UC18	0	No Log	
	10.5	Bedrock	UC18
	33	Total Depth	
UC19	0	Mixture of Sand, Silt, and Gravel	
	5	Sandy Gravel	UC19S
	15	Mixture of Sand, Silt, and Gravel	UC19S
	20	Sandy Gravel, (boulders)	
	22	Silty Sand	UC19M
	30	Gravelly Silt	UC19M
	35	Mixture of Sand, Silt, and Gravel	
	37.5	Bedrock	UC19
	58.6	Total Depth	
UC20	0	No Log	
	6	Bedrock	UC20
	27	Total Depth	
UC21	0	No Log	
	61	Bedrock	UC21
	319	Total Depth	

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Number	Depth (feet, bgs)	Sediment Classification	Well Completion
UC23	0	No Log	
	13.5	Bedrock	UC23
	400	Total Depth	
UC24	0	Mixture of Sand, Silt, and Gravel	
	7	Sandy Gravel	UC24S
	10	Mixture of Sand, Silt, and Gravel	UC24S
	40	Silty Sand	
	45	Mixture of Sand, Silt, and Gravel	UC24D
	57.2	Bedrock	
	62	Total Depth	
UG1	0	No Log	
	23	Bedrock, (fractures)	17
	500	Total Depth	
UG5	0	Sand, (dense)	UG5
	12	Total Depth	
UG6	0	Sand	UG6
	12	Total Depth	
UG7	0	Sandy Gravel	UG7S
	10	Sand	UG7S
	16	Silt	UG7D
	28	Silty Sand	UG7D
	31	Sand	UG7D
	36	Total Depth	
WB1	0	Sandy Silt, (with organics)	WB1SS
	5	Sand	WB1SS
	10	Sandy Silt	WB1SS
	15	Sand	
	25	Sandy Gravel	
	30	Gravelly Sand	WB1M
	40	Sandy Gravel	WB1M
	47	Total Depth	
WE1	0	Sand, (dense)	
	4	Silty Sand	WE1
	34	Total Depth	
WE2	0	Sandy Gravel, (dense)	
	3	Sand	WE2
	21	Total Depth	
WE3	0	Sand	
	10	Silty Sand, (dense)	WE3
	22	Total Depth	

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