BECKER ELECTRONICS SITE TOWN OF DURHAM, GREENE COUNTY, NY SITE NO. 4-20-007

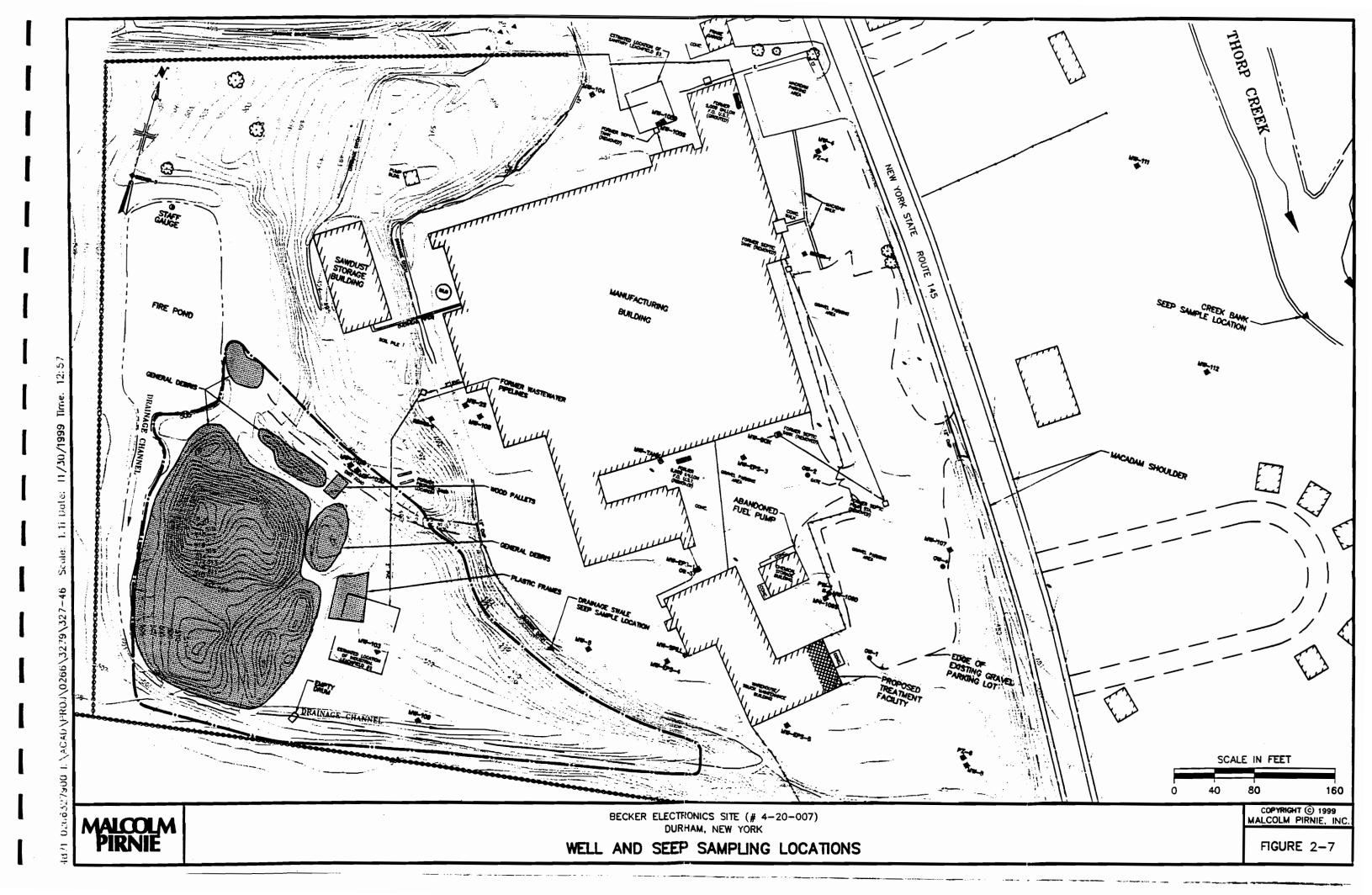
SAMPLING LOCATIONS, WELL LOGS, AND ANALYTICAL SUMMARIES

FOR INFORMATION ONLY NOT PART OF CONTRACT DOCUMENTS

This information is <u>not</u> part of the contract documents for remediation at the Becker Electronics Site. The Department neither represents that the characteristics of the waste material at the site will be the same as in the attached documents nor considers the attached documents as being a comprehensive and actual listing of contaminants which may be detected. The Contractor shall be responsible for accurate and comprehensive characterization of waste materials to be properly moved, transported and disposed of.

February, 2000

WELL LOCATION PLAN AND WELL LOGS



MAL PII	COLM RNIE			TEST	BORIN	G LOC	3	ВС	RING N	o. P W- 1
ROJECT Becker Elec	tronics		LOCATIO	ON East Du	rham, New Y	ork		SHE	ET 1 OF	4
CLIENT								PRO	JECT No.	0266327
RILLING CONTRACTOR								MEA	S. PT. ELEV.	
PURPOSE	Monitoring	Well	Installatio	on				GRO	OUND ELEV.	
VELL MATERIAL	_							DAT	UM	
DRILLING METHOD(S)				SAMPLE	CORE	CASIN	١G	DAT	E STARTED	5/15/97
PRILL RIG TYPE	Ingersoll R	and T							E FINISHED	
ROUND WATER DEPTH	<u> </u>		DIA.	"			_		LER	American Auger
MEASURING POINT			WEIGHT	#						
ATE OF MEASUREMENT			FALL	"				PIRI	NIE STAFF	Laura Clayton
SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	DIA GRAPHIC LOG	1	Y - Color	IC DESCRII , Major, Min ure, Etc.		ELEV. DEPTH (WEI Cons	_L str.	F	REMARKS
1.5/2.0 24 38 21 21 4- 6 4 24 24 28 28 8 10- 14- 14- 29 34 0/50 18-		Brov	vn silt w/ find	with fine grave ne gravel. Moi	st	7.0 5.0 7.0				nt rock at 19 feet. Rock

		MAI	CO RN	LM IE		TEST BORI	NG LOG	BORING No. PW-1			
P D	JECT Be	cker Ele	ctronic	s	LOCATI	ON East Durham, Ne	w York	SHE	ET 2 OF 4		
CLIE	NT		_					PRO	DJECT No. 0266327		
TH HI	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE	LL str.	REMARKS		
22-									socket drilled 6.0 feet into competent rock to 21.0 feet. Air hammer 8" open rock hole from 19.0 to 25. 8 " temporary pvc riser from 25' to ground surface. 6 " schedule 5 steel casing w/ pvc end cap inside temp. casing		
26- 28- 29- 29- 29- 29- 29- 29- 40- 42- 44-					Rock - gray	n shale	42.0	25	Ream open rock hole below pvc from 25 ' to 84.6 feet using a 6 " air hammer.		
					. took - red/brow		45.0				

	٨	AL PIR	COI	LM E		TEST BORI	NG LOG	BORING No. PW-1				
™ OJ	ECT Becke	r Elect	ronics	5	LOCATIO	ON East Durham, Nev	v York	SHEET	3 OF 4			
CLIE	NT							PROJE	ECT No. 0266327			
TH F	SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON	SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE	ELL istr.	REMARKS			
48-			8//		Rock - grey sha	le	50.0					
52 - 52 - 54 - 54 - 56 - 56 - 56 - 56 - 56 - 56							51.0					
8-			811181118		Rock - red-brow	n	58.0					
-2- - 64-												
66 - 68 - 70 -			87777		Rock - red-brow	n	65.0					
-												

		MAI PII	CO RN	LM IE		TEST BORI	NG LOG	ВС	ORING No. PW-1
inco.	JECT Bed	ker Elec	ctronic	s	LOCATION	ON East Durham, Nev	v York	-	ET 4 OF 4
CLIE			i	1				PRO	DJECT No. 0266327
TH HE	SAMPLE TYPE RECOVERY NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color Moist	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE	ELL nstr.	REMARKS
					Rock - gray		72.0		
74- 76- 78- °0- 2- 4-					Rock - gray		72.0 73.0 83.0 84.0	8	4.6
-									

o Ti	DIA. WEIGHT FALL GEOLOG KEY - Color	# # IC DESCRII , Major, Minure, Etc. with fine grave	i. Grades	CASING ELEV. W DEPTH Co	PR ME GR DA DA DA PIF	TE FINISHED ILLER RNIE STAFF	0266327 5/15/97
GRAPHIC LOG LOG	DIA. WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn sitt with m	# # IC DESCRII , Major, Minure, Etc. with fine grave	PTION for i. Grades se gray	ELEV. W	ME GR DA DA DA PIF	EAS. PT. ELEV. COUND ELEV. TUM TE STARTED TE FINISHED FILLER RNIE STAFF	5/15/97 5/15/97 American Auger Laura Clayton
GRAPHIC LOG LOG	DIA. WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn sitt with m	# # IC DESCRII , Major, Minure, Etc. with fine grave	PTION for i. Grades se gray	ELEV. W	GR DA DA DA PIF	TUM TE STARTED TE FINISHED ILLER RNIE STAFF	5/15/97 5/15/97 American Auger Laura Clayton
GRAPHIC LOG LOG	DIA. WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn sitt with m	# # IC DESCRII , Major, Minure, Etc. with fine grave	PTION for i. Grades se gray	ELEV. W	DA DA DA PIF	TUM TE STARTED TE FINISHED ILLER RNIE STAFF	5/15/97 American Auger Laura Clayton REMARKS
GRAPHIC LOG	DIA. WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn silt v b brn silt with m	# " IC DESCRII , Major, Minure, Etc. with fine grave	PTION for i. Grades se gray	ELEV. W	DA DA DR PIF	TE STARTED TE FINISHED ILLER RNIE STAFF	5/15/97 American Auger Laura Clayton REMARKS
GRAPHIC LOG	DIA. WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn silt v b brn silt with m	# " IC DESCRII , Major, Minure, Etc. with fine grave	PTION for i. Grades se gray	ELEV. W	DA DA PIF	TE FINISHED ILLER RNIE STAFF	5/15/97 American Auger Laura Clayton REMARKS
GRAPHIC LOG	DIA. WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn silt v b brn silt with m	# " IC DESCRII , Major, Minure, Etc. with fine grave	i. Grades	DEPTH Co	DA DR	TE FINISHED ILLER RNIE STAFF	5/15/97 American Auger Laura Clayton REMARKS
to	WEIGHT FALL GEOLOG KEY - Color Moistu ill- red-brn silt with mo	# " IC DESCRII , Major, Minure, Etc. with fine grave	i. Grades	DEPTH Co	DR PIF	ILLER RNIE STAFF	American Auger Laura Clayton REMARKS
to	GEOLOG KEY - Color Moistu ill- red-brn silt w	" IC DESCRII , Major, Minure, Etc. with fine grave	i. Grades	DEPTH Co	PIF	RNIE STAFF	Laura Clayton
to	GEOLOG KEY - Color Moistu ill- red-brn silt v	IC DESCRII , Major, Min ure, Etc. with fine grave	i. Grades	DEPTH Co	ELL	R	REMARKS
to	KEY - Color Moistu ill- red-brn silt v b brn silt with m	, Major, Min ure, Etc. with fine grave nedium to coan	i. Grades	DEPTH Co	ELL onstr.		
to	brn silt with m	nedium to coar	se gray	2.0		Roller Bit	9 7/8" to 19.0 feet.
Bo Bo	oarse gravel. T	in bottom of s	poon.	7.0		socket dri competen	nt rock at 15 feet. Rock illed 4.0 feet into nt rock to 19 feet.
		Till- very wet brr coarse gravel.	Till- very wet brn silt w/ fine, m coarse gravel. Trace clay. Lar	Till- very wet brn silt w/ fine, medium, and coarse gravel. Trace clay. Large cobbles.	Till- very wet brn silt w/ fine, medium, and coarse gravel. Trace clay. Large cobbles.	Till- very wet brn silt w/ fine, medium, and coarse gravel. Trace clay. Large cobbles.	Till- very wet brn silt w/ fine, medium, and coarse gravel. Trace clay. Large cobbles. 13.0 Rock - Gray siltstone, shale Competer socket dr competer

		MAI PII	CO RN	IM E		TEST BORII	NG LOG	В	BORING No. OW-1			
RO.	ECT Bed	ker Elec	ctronic	s	LOCATIO	ON East Durham, New	York	S⊦	HEET 2 OF 3			
CLIE	NT							PF	ROJECT No. 0266327			
ОЕРТН FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color	IC DESCRIPTION Major, Minor Ire, Etc.	ELEV. W	ELL nstr.	REMARKS			
									19.0 to 23.0 feet. 4 " pvc riser from 21.0 23' to ground surface.			
22-					Rock - red-brow	n siltstone, shale.	21.0		23.0			
				7277			23.0		Ream open rock hole below pvc from 23 ' to 68.0 feet using a 4" air			
24-							24.0		hammer.			
_				<i>Y//</i>			25.0					
26-												
_			i									
28-												
_												
30-												
_												
32-												
- 12												
34-					Rock - red-brow	n siltstone, shale.	34.0					
-				X///XX			35.0					
36-												
-												
38~												
-												
40-												
-												
42-												
					Rock - grey sha	le	43.0					
44-												
				77787			45.0					

		MAL PII	CO RNI	LM IE		TEST BORI	NG LOG	RING No.	No. OW-1		
ROJ	JECT Bec	ker Elec	tronic	s	LOCATIO	ON East Durham, New	York	SHEET	3 OF 3		
CLIE	NT							PROJE	CT No. 026	6327	
UEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC	KEY - Color	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE	LL str.	REM	ARKS	
48- 50- 52-					Rock - grey sha	ie	49.0				
6-					Rock - grey sha	le	55.0				
8 					Rock - red-brow	n	58.0				
2- - - - - - -											
66 – (– 68 –							68.0	68.0	Open hole roo feet.	k well 23' to 68.0	

MAI PII	COLM RNIE		TEST	BORING	LOG	В	ORING N	No. OW-2
ROJECT Becker Elec	tronics	LOCATION	ON East Du	rham, New Yo	ork	SH	EET 1 OF	3
CLIENT		<u> </u>		_		PR	OJECT No.	0266327
RILLING CONTRACTOR	_					ME	AS. PT. ELEV	· .
PURPOSE	Monitoring We	ell Installatio	on			GR	OUND ELEV.	
VELL MATERIAL			_			DA	TUM	
DRILLING METHOD(S)			SAMPLE	CORE	CASING	DA	TE STARTED	5/14/97
ORILL RIG TYPE	Ingersoil Rand	d T2WYPE				-	TE FINISHED	
©ROUND WATER DEPTH	<u>'</u>	DIA.	"				ILLER	
MEASURING POINT		WEIGHT	#			<u> </u>		American Auger
DATE OF MEASUREMENT		FALL	"			PIF	RNIE STAFF	Laura Clayton
SAMPLE TYPE, TYPE, NUMBER BLOWS ON SAMPLE SPOON	GRAPHIC LOG	KEY - Color	IC DESCRII , Major, Min ure, Etc.		ELEV. W	/ELL onstr.		REMARKS
27 1.3/2.0 23 36 4- 6-\ 0.7/2.0 7 19 26 50/0.2 8- 10- 28 50/0 14- 16- 18-		ill- red-brn silt of brn silt with many gravel. Moist Sa above. Wet Gray gravel and ill- very wet bray oarse gravel.	silt in cuttings	se gray	7.0 7.0 8.0 11.0 12.0		Compete socket of compete Roller b	ent rock at 14 feet. Rock drilled 3.5 feet into ent rock to 17.5 foot.

MALCOLM PIRNIE						TEST BORI	TEST BORING LOG BORING No. OW-				
RO.	JECT Be	cker Elec	tronic	s	LOCATIO	ON East Durham, Nev	v York		SHEET 2 OF	3	
CLIE	NT							F	PROJECT No.	0266327	
DEPTH FT	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color, Moistu	IC DESCRIPTION , Major, Minor ure, Etc.	DEPTH O	WELL Constr		REMARKS	
22 - 24 - 24 - 26 - 28 - 28 - 28 - 28 - 28 - 28 - 28				5	Rock - red-brow	n siltstone, shale.	21.0 30.0 31.0 41.0		43.0		
44-									45.0 Ream	open rock hole below pvc	

		MAI PII	CO RNI	LM E		TEST BORI	NG LOG	BORING No. OW-2				
ROJ	JECT Bed	cker Elec	tronic	s	LOCATION	ON East Durham, Nev	v York	SHEET	3 OF 3			
CLIE	NT							PROJEC	T No. 0	266327		
ОЕРТН FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE DEPTH Con		_	MARKS		
48-									from 45 ' to roller bit.	68.2 feet using a 3 7/8"		
50 - -					Rock - red-brow	vn siltstone, shale.	50.0					
52 - - 54 -												
- 56 -					Rock - grey sha	le	55.0					
58-					Rock - red-brow	<u> </u>	58.0					
30- -							60.0					
62 - - 64 -												
- - - -					Rock - red-brow	/n	65.0					
68-								68.2	Open hole i	rock well 45 to 68.2 feet.		
, _												
	!											

MALC	COLM		TEST	BORING	G LO	<u> </u>	В	ORING N	lo. OW-3
PROJECT Becker Electr	ronics	LOCATION	ON East Du	rham, New Yo	ork		SHE	ET 1 OF	3
CLIENT		-					PRO	OJECT No.	0266327
PILLING CONTRACTOR							MEA	AS. PT. ELEV	
PURPOSE	Monitoring We	on				GR	OUND ELEV.		
VELL MATERIAL	_	_					DAT	TUM	
DRILLING METHOD(S)			SAMPLE	CORE	CASI	NG	DAT	E STARTED	5/14/97
ORILL RIG TYPE	Ingersoll Rand	T2WYPE					_	E FINISHED	
GROUND WATER DEPTH '		DIA.	"				<u> </u>	LLER	
MEASURING POINT		WEIGHT	#						American Auger
DATE OF MEASUREMENT		FALL	"				PIR	NIE STAFF	Laura Clayton
SAMPLE TYPE, NUMBER BLOWS ON SAMPLE SAMPLE SAMPLE SPER 6"	9	EY - Color Moist	IC DESCRII , Major, Min ure, Etc.	or	ELEV. DEPTH	WEI Con:	LL str.		REMARKS
1.2/2.0	to Br	own silt w/ fin	with fine grave ne gravel. Moi	ist	7.0 8.0 9.0			Compete socket do 17 foo	mer 6" open rock hole from 15. 4" pvc riser from 45' to

MALCOLM PIRNIE	TEST BORING LO	G BORING No. OW-3
ROJECT Becker Electronics	LOCATION East Durham, New York	SHEET 2 OF 3
CLIENT		PROJECT No. 0266327
SAMPLE TYPE, TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6" CALLOG LOG	GEOLOGIC DESCRIPTION ELEV. EY - Color, Major, Minor Moisture, Etc.	WELL Constr. REMARKS
32- 34- 36- 38- 40- 42- 44-	ock - gray shale. 30.0 31.0	43.0 45.0
Ro	ock - grey shale 45.0	Ream open rock hole below pvc

.

TEST BORING LOG BORING No. OW-3 SHEET 3 OF 3 ROJECT Becker Electronics LOCATION East Durham, New York 0266327 CLIENT PROJECT No. SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6" GRAPHIC LOG ELEV. WELL DEPTH Constr. **GEOLOGIC DESCRIPTION** PID **REMARKS** KEY - Color, Major, Minor Moisture, Etc. from 45 ' to 67.8 feet using a 3 7/8" 46.0 roller bit. 48 50 52 54 55.0 Rock - grey shale i6 56.0 ;8 58.0 Rock - red-brown 0 60.0 65.0 Rock - red-brown 66 66.0 67.8 Open hole rock well 45 to 67.8 feet.

MALCO PIRNI	LM E		TEST	BORING	G LOG	BORING	8 No. OW-4
ROJECT Becker Electronic	s	LOCATION	ON East Dui	rham, New Y	ork	SHEET 1 C	OF 3
CLIENT						PROJECT No	0266327
RILLING CONTRACTOR Ame	rican Auger	and Ditc	h			MEAS. PT. EL	.EV.
PURPOSE Moni	toring Well	Installatio	on			GROUND ELE	
ELL MATERIAL						DATUM	
DRILLING METHOD(S)			SAMPLE	CORE	CASING	DATE START	ED 5/15/97
	rsoll Rand	2WYPE					ED 5/15/97
ROUND WATER DEPTH '		DIA.	11		_	_	
MEASURING POINT		WEIGHT	#			DRILLER	American Auger
ATE OF MEASUREMENT		FALL	"		F Laura Clayton		
SAMPLE TYPE, TYPE, NUMBER BLOWS ON SAMPLE SPOON PER 6"	GRAPHIC LOG	Y - Color	IC DESCRIF , Major, Min ure, Etc.		ELEV. W	ELL nstr.	REMARKS
0.6/2.0	to b	rn silt with fi	with fine gravel ne gravel. Moi	st	7.0	Com sock com	apetent rock at 15 feet. Rock et drilled 6.0f eet into petent rock to 21.0 feet. ammer 6" open rock hole from to 45. 4 " pvc riser from 45' to and surface.

T		MAL PII	CO RNI	LM E		TEST BORI	NG LOG	вог	RING N	o. OW-4
ऻ	JECT Bec	ker Elec	tronic	:s	LOCATIO	ON East Durham, New	v York	+	2 OF	
CLIE	NT	Ī					-	PROJE	CT No.	0266327
DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KEY - Color	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE	LL str.	R	EMARKS
22- - 24- - 26- - 30- 32- - 34- - 34- - 36- - 34- - 34- - 40- - 42- - 44-					Rock - grey sha	ie	45.0	43.0	1_	en rock hole below pvc
	<u> </u>								cam opi	

MALCO PIRNI	LM IE	TEST BORIN	G LOG	BOR	ING N	o. OW-4
ROJECT Becker Electronic	LOCATION	ON East Durham, New	York	SHEET	3 OF	3
CLIENT				PROJEC	CT No.	0266327
SAMPLE TYPE, TYPE, NUMBER BLOWS ON SAMPLE SPOON PER 6"	KEY - Color	IC DESCRIPTION , Major, Minor ure, Etc.	ELEV. WE	LL str.		REMARKS
48 - 50 - 52 - 54 - 56 - 58 - 30 - 62 - 64 - 68 -	Rock - red-brow		65.0 66.0 68.0	68.1	roller bit.	e rock well 45 to 68.1 feet.

ANALYTICAL RESULTS FOR **GROUNDWATER SAMPLES**

TABLE 2-2

BECKER ELECTRONICS SITE

GROUNDWATER ANALYTICAL RESULTS - 1997-1998 SAMPLING ROUNDS

	Sample Site	New York State	Becker	Becker	Becker	Becker	Becker	Becker	Becker	Becker
١	Sample Location	DEC	MW-5	PZ-6	MW-6	MW-106S	MW-106D	MW-106D	MW-106D	MW-108
- 1	Matrix	Criteria	Water	Water	Water	Water	Water	Water	Water (DEC)	Water
	Date Sampled		06/27/1997	06/27/1997	06/27/1997	06/27/1997	06/27/1997	06/08/1998	09/16/1997	06/08/1998
	Units	Concentration (ug/L)	ug/l	ug/l	n s ∕l	ug/l	ug/l	u g/l	ug/l	ug∕l
	PARAMETER	Carrier and the description of	Composition of the state of the	e see see		bet man in the control of	L man e	Committee of the committee of	Carlo Colonia de Colon	,
	Chloromethane	NA NA	ND	ND	ND	ND	ND	ND	N/A	ND
	Bromomethane	NA.	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl Chloride	2	ND -	ND	ND	ND	ND	ND	Secretary Secretary 1	ND
	Chloroethane	5	ND	ND	ND	ND		ND	and the same of th	ND
	Methylene Chloride	NA.	97 JBD	2 ЛВ	19 JBD	210 JBD	140 JBD	29 J	670 D	ND
	Acetone	NA NA	ND	ND	ND	ND	ХĐ	ND	ND	90
	Carbon Disulfide	NA	ND	ND	ND	Б	ND	Б	ND	ND
	1,1-Dichloroethene	5		ND.			E		The state of the s	2.5
	1,1-Dichloroethane	5	AT DOOR DATE	Sand Colonia Society		(F A \$ 2 G \$ B	T + washand and restrict to the same	The state of the s	En of the state of	:
	1,2-Dichloroethene (total)	5	ND	ND	ND	Б	S. 10.000	1 () () () () () () () () () (and a state of the	ND
	Chloroform	NA NA	ND	ND	ND ND	ND	ND	DA DA	ND	ND
	1,2-Dichloroethane	5	ND	ND	ND	B	ND	ND	ND	ND
	2-Butanone	50	ND	9.	ND	УD	ND	Z	230 D	11
	1,1,1-Trichloroethane	5	an a Kanada da Maria	를 강 작년(1) :			[00042.01	F CEECH	and they are distance or	9 1
	Carbon Tetrachloride	NA NA	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	NA	ND	ND	ND	Ð	МD	ND	ND	ND
	1,2-Dichloropropane	NA	ND	ND	ND	SD S	ND	ND	ND	ND
	cis-1,3-Dichloropropene	NA.	ND	ND.	ND	ND,	ND	ND	DA	ND
	Trichloroethene	5	ND	ND	ND	ND			9.1618)	ND
	Dibromochloromethane	NA.	ND	Ð	ND	Ð	ND	ND	ND	ND
	1,1,2-Trichloroethane	NA.	ND	ND	Ð	D G	ND	ND	ND	ND
	Benzene	NA NA	110 70	ND	ND	Б	ND	ND	ND	ND
	trans-1,3-Dichloropropene	NA	ND	ND	ND	Ð	ΝĐ	ND	ND	ND
	Bromoform	NA	ND	ND	ND	ND	ND	ND	ND	ND
	4-Methyl-2-Pentanone	NA.	ND	В	ND	ND	ND	МD	ND	ND
	2-Hexanone	NA.	ND	МD	ND	ИD	ND	ND	ND	ND
	Tetrachloroethene	5	ND	ND	ND	ND	ND	ΝD	ND	ND
	1,1,2,2-Tetrachioroethane	NA NA	ND	ND	ND	ND	. ND	ND	И D	ΝĎ
	Toluene	NA NA	53 JD	ND	ND	ND	ND	6 J	20 0 D	ND
	Chlorobenzene	NA NA	ND	ND	ND	МD	ND	ND	ND	ND
	Ethylbenzene	NA	ND	ND	ND	ХĐ	ND	ND	ND	ND
	Styrene	NA.	ND	ND	ND	ХD	ND	ND	ND	ND
	Xylene (total)	5	Ф	Б	ND	ND	ND	ND	ND	ND

Notes:

^{1.} N/A indicates that there is no NYSDEC criteria for this compound.

TABLE 2-2

BECKER ELECTRONICS SITE GROUNDWATER ANALYTICAL RESULTS - 1997-1998 SAMPLING ROUNDS

s	ample Site	New York State	Becker	Becker	Becker	Becker	Becker	Becker	Becker	Becker
s	ample Location	DEC	MW-109	MW-OWI	MW-OW2	MW-OW3	MW-OW4	MW-107	PW-1	PW-1 (20-40)
N	Matrix	Criteria	Water	Water	Water	Water	Water	Water	Water	Water
	Date Sampled		06/08/1998	06/27/1997	06/27/1997	06/27/1997	06/27/1997	06/27/1997	06/27/1997	06/08/1998
Ľ	Inits	Concentration (ug/L)	u g/l	ug/l	ug/l	ug/l	ug∕li	ug∕l	ug/l	ug/l
Œ	PARAMETER		to make a factorism of the contract of the con	parameter an anague and a	Bits institute their comments	and the second s	PE-250-18000-98-14-89-98-98-98-98-99-99-99-99-99-99-99-99-	St		b
C	Chloromethane	NA	ND	ND	ΝD	ND	В	ИD	ND	ND
В	Promomethane	N A	ND	Ð	БD	ND	ND	ND	ND	ND
<u>\</u>	/inyl Chloride	2	ND	D	Land washington	ND	ND	ND	ND	ND
c	Chloroethane	5	PD PD			ND	ND	ND	ND	ND
7	Methylene Chloride	NA	DZ DZ	170 JBD	35 JBD	83 JBD	180 JBD	2 Љ	8800 BD	3800 J
A	Acetone	NA	81	ND	ND	39 ЛО	94 JD	Ð	50 00 D	ND
	Carbon Disulfide	NA	ND -	D	ND	ND	ND	Ð	Ð	ND
1	,1-Dichloroethene	5	2 J	Farmer &	Marriago de Signa de Capatria	and the land of		4 J	Summer of the second of the	Report of the contract of the
1	,1-Dichloroethane	5		Commence of the Commence of th	Br. manner in separatangens reports	Birnurston o'meluefild Leftersupperfer	A CONTRACTOR OF THE PARTY OF TH	A State of Land of the Land		
ī	,2-Dichloroethene (total)	5	ď		The minutes of the street Street	ND	Branch Balleton	L. L.	Section 1	
k	Chloroform	NA.	ZD D	ND	ND	ND	ND	ND	Ð	ND
ī	,2-Dichloroethane	5	ND	ND	🖁 Salte of	ND	ND	ND	£	ND
2	-Butanone	50	10	ND	ND	ND	ND	ND	Colombia de la Colomb	
1	,1,1-Trichloroethane	5		B. M. B. C. C. C.	t forested		i diliting	The second second		
	Carbon Tetrachloride	NA.	ND	ND	ND	ND	ND	ND	B	ND
E	Bromodichloromethane	NA	ВD	ND	ND	ND	ND	ND	ND ST	ND
1	,2-Dichloropropane	N A	ğ	D SZ	ИD	ND	ND	ND	ND	ND
c	is-1,3-Dichloropropene	NA	В	ND	ВD	ΝĐ	ND	ND	ND	ND
1	Trichloroethene	5	DZ	ITSON I	1-34.1	L - I	i denama			
1	Dibromochloromethane	NA	D D	ND	ND	ND	ND	ND	МD	ND
ī	,1,2-Trichloroethane	NA	Б	ND	D	ND	ND	ND	ND	ND
E	Benzene	NA	Б	ND	ъ	ND	ND	ND	ND	ND
t	rans-1,3-Dichloropropene	NA	Ð	ND	Б	ND	ND	ND	ND	ND
E	Bromoform	NA	ND	ND	ND	ND	ND	ND	ND	ND
4	-Methyl-2-Pentanone	NA	ХD	ND	ND	ND	ND	ND	1200 JD	ND
2	-Hexanone	NA.	2 3	ND	ND	ND	ND	ND	ND	ND
- [Cetrachioroethene	5	ND	ND		ND	ND	1 J	ND	ND
1	,1,2,2-Tetrachloroethane	NA.	ND	ND	ND	ND	ND	ND	ND	ND
- 6	Coluene	NA	ND	ND	ND	ND	ND	ND	4900 JD	2700 J
C	Chlorobenzene	NA	ND	ND	УD	ΝD	ND	ND	ND	ND
E	Ethylbenzene	NA.	ND	ND	ND	ND	ND	ND	ND	ND
9	Styrene	NA	ND	ND	Й	ND	ND	ND	ND	ND
5	Kylene (total)	5	Ð	ND	УD	ХD	ND	ND	P	ND

Notes:

1. N/A indicates that there is no NYSDEC criteria for this compound

TABLE 2-2

BECKER ELECTRONICS SITE

GROUNDWATER ANALYTICAL RESULTS - 1997-1998 SAMPLING ROUNDS

Sample Site	New York State	Becker	Becker	Becker	Becker	Becker
Sample Location	DEC	PW-1 (40-60)	PW-1 (60-80)	PW-1 (COMP)	PW1#3	DUP OF PW-1
Matrix	Criteria	Water	Water	Water	Water (DEC)	Water
Date Sampled		06/08/1998	06/08/1998	06/08/1998	09/16/1997	06/27/1997
Units	Concentration (ug/L)	ug/li	ug/l	u g/l	ug∕l	ug/l
PARAMETER	The state of the s	ware species and the same state of the same stat	The second secon	Mary and the state of the second seco	Maria a a consider in the construction and the	
Chloromethane	NA	ND	ND	ND	N/A	ND
Bromomethane	NA	ND	ND	ND	ND	ND
Vinyl Chloride	2	ND	ND	ND	Branco d'alla di consecca di amendo i mosti finali	ND
Chloroethane	5	ND	ND	ND	Store main 415 mereneses	ND
Methylene Chloride	NA NA	4700 JB	5300 B	4100 JB	7300 D	8700 BD
Acetone	NA	ND	ND	ND	4500 D	38 00 JD
Carbon Disulfide	NA	ND	ND	ND	ND	ND
1,1-Dichloroethene	5		L	And the second s	Windstoners vanatilistatus en frantsis tudi	in which in the same
1,1-Dichloroethane	5	Black and the second of the se	A	and the second	Barra - Turk salah birang panggantan kanada a salah birang salah birang panggantan kanada kanada birang salah	
1,2-Dichloroethene (total)	5	E MINISTER OF THE PROPERTY OF	S. S	30.00	TOTAL TOTAL	The same of the same of
Chloroform	NA	ND	ND	ND	22 JD	ND
1,2-Dichloroethane	5	ND	ND	ND	The service of the second of t	ND
2-Butanone	50	and the second second	i analysis and	Laabe as assistance	Es controlled the thought	And the second second second
1,1,1-Trichloroethane	5	Thomas is a maker and	Secretary Contraction		The state of the s	
Carbon Tetrachloride	NA	ND	ND	ND	ND	ND
Bromodichloromethane	NA	ND ·	ND	ND	ND	ND
1,2-Dichloropropane	NA	ND	ND	ND	ND	ND
cis-1.3-Dichloropropene	NA	ND	ND	ND	ND	ND
Trichloroethene	5		1000000	Programme and	A Care property	
Dibromochloromethane	NA	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	NA	ND	ND	ND	58 D	ND
Benzene	NA	ND	ND	ND	12 JD	ND
trans-1,3-Dichloropropene	NA	ND	ND	ND	ND	ND
Bromoform	NA	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	NA	ND	ND	ND	1300 D	120 0 JD
2-Hexanone	NA	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	11.65	ND
1,1,2,2-Tetrachloroethane	NA	ND	ND	ND	ND	ND
Toluene	NA	2900 J	2600 J	2200 J	4600 D	4900 JD
Chlorobenzene	NA	ND	ND	ND	ND	ND
Ethylbenzene	NA.	ND	ND	ND	ND	ND
Styrene	NA	ND	ND	ND	ND	ND
Xylene (total)	5	ND	ND	ND		ND.

Notes:

N/A indicates that there is no NYSDEC criteria for this compound

Sample Site	New York State	Becker	Becker	Becker	Bocker	Becker	Becker	Becker	Becker	Becker	Becker	Becker	Becker
Sample Location	DEC	MW-5	PZ-6	MW-6	MW-106S	MW-106D	MW-OW I	MW-OW2	MW-OW3	MW-OW4	MW-107	PW-1	DUP OF PW-
Matrix	Criteria	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water	Water
Date Sampled	Cincin	06/27/1997	06/27/1997	06/27/1997	06/27/1998	06/27/1997	06/27/1997	06/2 7 /1 9 97	06/27/1997	06/27/1997	06/27/1997	06/27/1997	06/27/1997
Units	Concentration (ug/L)	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
PARAMETER		in the same	de i a istincional	de Sand	No. and London	A AND		4	that I'm halle			10	487
Aluminum	NA NA	564	172 B	260	13100	442			127 B	158 B		2520	
							157 B	144 B			418		2410
Antimony	NA .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	NA NA	ND	ND	ND	4.8 B	100	ND	24.8	ND .	ND	ND	5.2 B	ND
Barium	NA NA	349	89.1 B	209	440	1780	123 B	546	594	129 B	91.3 B	439	456
Beryllium	NA NA	0.22 B	ND	ND	0.90 B	ND	ND	ND	0.59 B	ND	ND	0.27 B	0.26 B
Cadmium	NA NA	ND	ND	ND	ND	ND	ND	ND	0 80 B	ND	0.69 B	ND	ND
Calcium	NA NA	64500	27300	29700	90800	80900	42500	85200	67500	14900	34400	120000	124000
Chromium	NA NA	ND	ND	ND	20.4	ND	ND	ND	ND	ND	ND	16.3	11.6
Cobalt	NA	ND	ND	ND	15.6 B	2.9 B	ND	ND	ND	ND	1.9 B	4.6 B	3.9 B
Copper	NA	3.9 B	3 6 B	1.8 B	25	2.4 B	2.4 B	1.7 B	1.7 B	3.1 B	4.9 B	6.7 B	5.3 B
lron	NA	729	192	119	26100	5540	151	367	327	235	682	4810	4650
Lead	NA	ND	ND	ND	8.7	ND	ND	ND	ND	ND	ND	1.9 B	ND
Magnesium	NA NA	10500	4070 B	6340	13800	14600	5110	14000	11200	2280 B	4040 B	17600	18100
Manganese	NA	184	3120	75.5	1230	1380	291	299	227	799	13900	4720	4970
Mercury	NA NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nickel	NA NA	3.6 B	8.0 B	ND	38 9 B	3.1 B	4.0 B	4.3 B	ND	4.7 B	5.6 B	19.8 B	16.6 B
Potassium	NA	1680 B	1280 B	3950	3030 B	1010 B	1300 B	4020 B	12100	33200	2150 B	4350 B	3960 B
Selenium	NA NA	ND	ND	ND	ND	ND	ND	ND	4.3 B	ND	ND	ND	ND
Silver	NA NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Sodium	NA NA	10600	6600	21300	8430	9970	10500	12900	19900	20900	6320	17400	16200
Thallium	NA	ND	8.5 B	ND	8.1 B	ND	ND	ND	ND	ND	36	14.1	12.9
Vanadium	NA NA	ND	ND	1.6 B	18 8 B	ND	ND	ND	ND	ND	ND	3.5 B	2.7 B
Zinc	NA NA	12.6 B	8.2 B	2.7 B	90.2	5.5 B	5.4 B	4.5 B	3.5 B	4.4 B	9.5 B	23.4	19.5 B

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TABLE 2-3 BECKER ELECTRONICS SITE GROUNDWATER SEEPS ANALYTICAL RESULTS

Sample Site:	Becker	Becker
Sample Location:	Creek Seep	Swale Seep
Matrix:	Water	Water
Date Sampled:	06/08/1998	06/08/1998
Units:	ug/l	ug/l
PARAMETER		
Chloromethane	1 0U	1 0U
Bromomethane	1 0U	10U
Vinyl Chloride	1 0U	10U
Chloroethane	10U	1 0U
Methylene Chloride	3JB	1 0U
Acetone	1 0U	10U
Carbon Disulfide	10U	10U
1,1-Dichloroethene	10U	1 0U
1,1-Dichloroethane	2J	10U
1,2-Dichloroethene (total)	10U	1 0U
Chloroform	10U	1 0U
1,2-Dichloroethene (total)	1,1	10U
2-Butanone	10U	IOU
1,1,1-Trichloroethane	91	1 0U
Carbon Tetrachloride	1 0U	10U
Bromodichloromethane	10U	10U
1,2-Dichloropropane	10U	10U
cis-1,3-Dichloropropene	10 U	10U
Trichloroethene	4J	10U
Dibromochloromethane	10U	10U
1,1,2-Trichloroethane	10U	10U
Benzene	1 0U	10U
trans-1,3-Dichloropropene	10U	10U
Bromoform	10U	1 0U
4-Methyl-2-Pentanone	1 0U	1 0U
2-Hexanone	1 0U	1 0U
Tetrachloroethene	1 0U	1 0U
1,1,2,2-Tetrachloroethane	10U	10U
Toluene	10U	10U
Chlorobenzene	10U	10U
Ethylbenzene	10U	1 0U
Styrene	10U	10U
Xylene (total)	10U	10U

SOIL SAMPLING LOCATIONS AND ANALYTICAL RESULTS

SS-12

TP-122

MALCOLM PIRNIE

TABLE 2-1 BECKER ELECTRONICS EAST DURHAM, NEW YORK SOIL ANALYTICAL RESULTS

COMPOUND	UNIT	NYSDEC Target Cleanup	SB-1(2-4')	SB-2(10-12')	SB-3(9-11')	SB-4(10-12')	SB-5(15-17')	SB-6(14-16')	SB-7(15-17')	SB-8(12-14')	SB-9(4-6')	SB-10(13-15')	SB-11(12-14')
Chloromethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/kg	-	4 J	ND	ND	5 J	1400 BD	6 J	730 J	1700 JBD	ND	660 J	ND
Acetone	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	υg/kg	280	ND	ND	ND	ND	Mark to be at	ND	ND	ND	ND	ND	5 J
1,1-Dichloroethane	ug/kg	140	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/kg	210	ND	ND	ND	ND		ND	5.14.74 12 12 12 12 12 12 12 12 12 12 12 12 12	L CALL REGIO	ND	March 1	ND
1,1,1-Trichloroethane	ug/kg	560	ND	ND	ND	ND		ND	ND		ND	ND	4 J
Carbon Tetrachloride	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/kg	500	ND	ND	ND	ND	ND	ND	* THE STREET	ND	14	250 J	ND
Dibromochloromethane	ug/kg	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/kg	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/kg	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/kg	ı	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ug/kg	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/kg	1050	ND	ND	ND	ND	ND	ND	ND	830 JD	3 J	190 J	2 J
Chlorobenzene	ug/kg	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/kg	3850	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ug/kg	840	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
					·		·						
HEADSPACE READINGS													
Maximum	ppm			2.5	2.5	4.5	1.5	92	1.75	200	164	20	35
Minimum	ppm		_	2	2	2.5	1	1.5	0.75	2	2.75	1.5	1
Sample	ppm		-	2.5	2	4.5	1.25	92	_	200	-	6.5	35

Shading indicates exceedance of the NYSDEC Criteria. -- indicates not applicable

TABLE 2-1 8ECKER ELECTRONICS EAST DURHAM, NEW YORK SOIL ANALYTICAL RESULTS

COMPOUND	UNIT	NYSDEC Target Cleanup	SB-12(8-10')	SB-13(4-6')	SB-14(14-16'	SB-15(14-16')	DUPLICATE SB-15	SB-16(12-14')	SB-17(10-12')	SB-18(12-14')	SB-19(14-16')	SB-20(6-8')	TP198-3'
Chloromethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinvl Chloride	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/kg	-	3.J	ND	ND	1200 JBD	1200 JBD	3 J	5 JB	5 JB	5 JB	8 JB	4J
Acetone	ug/kg		ND	ND	ND	ND	ND _	ND	ND	ND	ND	ND	ND
Carbon Disulfide	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/kg	280	ND	ND	ND	ND ON	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/kg	140	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	ug/kg	•	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/kg	210	ND	ND	19		E. S. B. B. B. B. B. B. B.	7 J	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/kg	560	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/kg	1	ND	ND	ND_	ND	ND	ND	ND_	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND	ND
Trichloroethene	ug/kg	500	ND	ND	ND	ND	ND	3 J	ND	ND	ND	ND	ND
Dibromochloromethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND	ND
trans-1,3-Dichloropropene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND
4-Methyl-2-Pentanone	ug/kg	-	ND	ND	ND	5 J	ND	ND	ND	ND	ND	ND_	ND_
2-Hexanone	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND	ND
Tetrachioroethene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND_
Toluene	ug/kg	1050	1 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND	ND
Ethylbenzene	ug/kg	3850	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ug/kg	840	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
HEADSPACE READINGS	Т												
Maximum	ppm		10.5	2.5	2	17	55	55	42	1.5	1.6	4	3.2
Minimum	ppm		1.5	1.5	1.5	1.5	2.5	2.5	2	0.5	0.6	1.8	1.6
Sample	ppm		9.5	1.5	2	17	55	55	42	1.5	1.4	4	3.2

Shading Indicates exceedance of the NYSDEC Criteria.

- indicates not applicable

TABLE 2-1 BECKER ELECTRONICS EAST DURHAM, NEW YORK SOIL ANALYTICAL RESULTS

COMPOUND	UNIT	NYSDEC Target Cleanup	TP198-6'	TP198-9	TP198-12.5'	TP198-13.5'	TP298-2	TP298-3'	TP298-6'	TP298-9'	TP298-13.5'	TP298-15'	TP298-16'	TP398-3'
Chloromethane	ug/kg	-	ND	ND	ND	ND .	NĐ	ND	ND	ND	ND	ND	ND_	ND
Bromomethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	ug/kg	-	7J	2	2J	62	7J_	5J	4 J	83	11J	ND	ND	ND
Acetone	ug/kg		ND	ND	ND	ND	ND	33	ND	ND	7J	ND	480 DJB	ND
Carbon Disulfide	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ug/kg	280	ND	2J	ND	ND	2J	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/kg	140	МD	ND	ND	ND	8	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethene (total)	ug/kg	•	ND	ND	ND	ND	ND	ND	ND	ND	2J	ND	ND	ND
Chloroform	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/kg	•	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone	ug/kg	210	ND	ND	ND	ND	ND	ND	ND	ND	ND	AL SOLD	对于阿尔克斯	
1,1,1-Trichloroethane	ug/kg	560	ND	2	ND	ND	92	ND	ND	ND	ND	ND	ND	230 J
Carbon Tetrachloride	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	ug/kg	1	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	ug/kg	500	ND	3.J	ND	ND	33	ND	ND	2J	5)	ND	ND	ND
<u>Dibromochloromethane</u>	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	ug/kg	•	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/kg		ND	ND	ND	ND	NĐ	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND
2-Hexanone	⊔g/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachioroethene	ug/kg		ND	ND	ND	ND	4J	ND	ND	ND	ND ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/kg	_	ND	ND	ND	ND _	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/kg	1050	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/kg	3850	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Xylene (total)	ug/kg	840	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 2-1
BECKER BLECTRONICS
EAST DURHAM, NEW YORK
SOIL ANALYTICAL RESULTS

COMPOUND	UNIT	NYSDEC Target Cleanup	TP398-6'	TP398-9'	TP398-11'	TP398-FF(11')	TP - 118(6')*	TP - 119(1')*	TP - 120(1')*	TP - 122 DUP(2')	TP - 122(2')	GP - 8(6')	GP - 9(4')	SS - 11(0-6*)	SS - 12(0-6")
Chloromethane	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Bromomethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Vinyl Chloride	ug/kg	-	ND	ПD	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Chloroethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Methylene Chloride	ug/kg		580 DJ	2 J	450 DJ	1200 DJ	11 BJ	70000 BJD	15 B	900 BJ	2400 BJD	14000 BD	31 B	•	•
Acetone	ug/kg	-	1700 DJB	ND	880 DJ	920 DJ	4 BJ	120000 BJD	5 BJ	1100 BJ	3300 BD	11000 BJD	10 BJ	•	•
Carbon Disulfide	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
1,1-Dichloroethene	ug/kg	280	800 DJ	ND	" CELLETT	Sec. 30.	ND	ND	ND	ND	ND	ND	ND	•	•
1,1-Dichloroethane	ug/kg	140	- 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ND		1 2 2	ND	ND	ND	ND	ND	ND	ND	•	•
1,2-Dichloroethene (total)	ug/kg	_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2 J	•	•
Chloroform	ug/kg	-	ND	МD	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
1,2-Dichloroethane	ug/kg		ND	ND	ND	ND	МD	ND	ND	ND	ND	ND	ND		•
2-Butanone	ug/kg	210	ND	32	Proceedings of the second	1 位件 1	ND	ND	ND	押 (学) (書) 27	ND	NA TAIL	ND	•	•
1.1.1-Trichloroethane	ug/kg	560	Calification of the Control of the C	3 J	+ 13 + E		2 J	ND	180		Second Section		ND	Section 12 Library	14
Carbon Tetrachloride	ug/kg	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Bromodichloromethane	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
1,2-Dichloropropane	ug/kg	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
cis-1,3-Dichloropropene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Trichloroethene	ug/kg	500	ND	ND	ND	170 DJ	ND	ND	6 J	を明日本日本子・丁草子·大田·xx-山	han say the say	ND	43	22	•
Dibromochloromethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
1,1,2-Trichloroethane	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Benzene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	<u> </u>
trans-1,3-Dichloropropene	ug/kg	•	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Bromoform	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
4-Methyl-2-Pentanone	ug/kg		ND	6 J	370 DJ	420 DJ	ND	ND	ND	ND	ND	ND	ND	•	•
2-Hexanone	ug/kg		ND	ND	DA	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Tetrachloroethene	ug/kg		ND	ND	ND	ND	ND	ND	3 J	ND	700 JD	ND	ND	•	•
1,1,2,2-Tetrachloroethane	ug/kg	1	ND	88	ND	ND	4 J	ND	ND	ND	ND	ND	ND	•	•
Toluene	ug/kg	1050	c. dillias	ND	् रहाति रा तः	r regular "	6 J	いなななないない	29	170 J	med in talk of the kilden in a	a AMILIANA	ND	27	•
Chlorobenzene	ug/kg		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Ethylbenzene	ug/kg	3850	ND	2 J	ND	ND	1 J	. Millians	5 J	ND	610 JD	ND	ND	•	•
Styrene	ug/kg	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	•	•
Xylene (total)	ug/kg	840	ND	11 J	ND	ND	8.1	S\$100000 E1	29	ND	2 × 12000 10	ND	ND	•	•

SOIL BORING LOGS	

MALCOLM PIRNIE								TEST BORING LOG					BORING No. SB-1			
PROJI	ECT	BEC	KER E	LECT	RONIC	CS	LOCATI	ON East Durham, NY					SHEET 1 OF 1			
CLIE	NT	NYS	DEC									PR	ROJECT No. 0266327			
DRILI	LING (CONTR	ACTOR	Ame	rican A	uger					M	EAS. PT. ELEV.				
PURP	OSE											GF	ROUND ELEV. 487.3			
WELL	MAT	ERIAL										D.A	ATUM			
DRIL	LING	METH(DD(S)	3 1/4	" HSA			SAMPLE	CORE	CASI	NG	D.A	ATE STARTED 5/12/97			
DRIL							TYPE	SS					ATE FINISHED 5/12/97			
_			DEPTH	_			DIA.	2"	***************************************	******			RILLER J. Pietruch			
\vdash		G POIN		grou	nd 		WEIGHT	140 #				<u>,</u>				
DATE	OF M	IEASU	REMENT	<u> </u>	 _		FALL	30"	<u></u>	*******	****	PI	RNIE STAFF LAC			
DEPTH FT	SAMPLE TYPE,	RECOVERY NUMBER RI OUS ON	SAMPLE SPOON PER 6"	PID	GEOLOGIC DESCRIPTION KEY - Color, Major, Minor Moisture, Etc.								REMARKS			
2 -			8 7 10 8 9	1.75		c) botto med	om 0.4' med	brn \$ w/ fmcG brn \$ w/ fG ce Cy\$, trace f0				wet headspace = 2.5				
4-	****	_	10 13 18 9 13	4.51.751.75		dens	dense brn \$ w/ fmcG, few red-gray and gray cobbles						wet headspace = 2.5 moist headspace = 2.5			
6 8			16 8 46 34 53 53	1.75		top (0.2' brn \$ and						headspace = 2.5			
10 -		5	50/0.1	2.25			om 0.2' gray						headspace = 2.5			
12 -		5	59 51 60/0.3 38 40	2.251.751.75		10.3 10.6 dry, top i	-10.6' mcG a -11.2' fmcG hard few inches v	and trace brn \$ w/ less dry brn moist brn \$ w/ bbles, fmcG, tr	s, dense,			headspace = 2.5				
14 -	X		38 45 17 42 48 40	1.75			dense dry brn \$ w/ fmG piece of rock						headspace = 2.0			
18 -			00/0.6		10 10 10 10 10 10 10 10 10 10 10 10 10 1					18.0			auger refusal at 18.0'			

MAL	COLM RNIE		TEST	BORING	G LO	G	BORING No. SB-2			
PROJECT BECKER E	LECTRONICS	LOCATION	ON East D	urham, NY			SHEET 1 OF 1			
CLIENT NYSDEC							PROJECT No. 0266327			
DRILLING CONTRACTOR	American Auger			,	-		MEAS. PT. ELEV.			
PURPOSE							GROUND ELEV. 487. I			
WELL MATERIAL							DATUM			
DRILLING METHOD(S)	3 1/4" HSA		SAMPLE	CORE	CASIN	vG				
DRILL RIG TYPE		TYPE	SS	_		⊢	DATE STARTED 5/12/97			
GROUND WATER DEPTH		DIA.	2"				DATE FINISHED 5/12/97			
MEASURING POINT	ground	WEIGHT	140 #			****	DRILLER J. Pietruch			
DATE OF MEASUREMENT	Γ	FALL	30"				PIRNIE STAFF LAC			
SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	APD GRAP KI	EY - Color Moistu	IC DESCRI , Major, Mir ire, Etc.	nor	ELEV. DEPTH	WEL Const	r. REMARKS			
2 × 9	bott orga		\$ w/ fmcG and \$ w/ fmcG, trac moist				moist headspace = 2.0			
$ \begin{array}{c cccc} & & & & & & \\ & & & & & & \\ & & & & $	2.5	as above but w/ several cobbles					headspace = 2.5			
$ \begin{array}{c cccc} & & 15 \\ & & 15 \\ & & 16 \\ \hline & & 100/0.2 \end{array} $. Z.J	e of reddish r					moist - wet headspace = 2.0			
8 31 22 50/0.3	2.5 few brn	lg gray siltso \$ w/ fmG	one cobbles and				headspace = 2.0			
23 19 28 34	2.0 moi	st, dense bm					headspace = 2.0			
31 50/0.2		ers grinding h			12.8		not enough for sample uager refusal at 12.8'			

MAL PII	COLM RNIE		TEST	BORING	3 LO	G	BORING No. SB-3			
PROJECT BECKER E	LECTRONICS	LOCATION	ON East D	urham, NY			SHEET 1 OF 1			
CLIENT NYSDEC		'					PROJECT No. 0266327			
DRILLING CONTRACTOR	American Auger						MEAS. PT. ELEV.			
PURPOSE							GROUND ELEV. 487.3			
WELL MATERIAL				_			DATUM			
DRILLING METHOD(S)	3 1/4" HSA		SAMPLE	CORE	CASI	NG	DATE STARTED 5/12/97			
DRILL RIG TYPE		ТҮРЕ	SS			- 1				
GROUND WATER DEPTH		DIA.	2"		*****		DATE FINISHED 5/12/97			
MEASURING POINT	ground	WEIGHT	140 #			▓	DRILLER J. Pietruch			
DATE OF MEASUREMENT		FALL	30"				PIRNIE STAFF LAC			
SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	APP APP KI	EY - Color, Moistu	IC DESCRI Major, Min ire, Etc.	or	ELEV. DEPTH	WEI Const	REMARKS			
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.25 fmc		G and organics			very wet headspace = 2.5				
$ \begin{array}{c cccc} & & & 2 \\ & & 5 \\ & & 10 \\ & & 6 \\ \hline & 8 \\ \hline & 24 \\ & 50/0.3 \\ \end{array} $	orga lg c	wet slop - m anics obble in botto whard - auger		ncG and			very wet - dripping headspace = 2.5 augers grinding hard			
8 - \$\begin{array}{c} 23 \\ 53 \\ 30 \\ 42 \\ \8 \\ 32 \\ 40 \end{array}\$	1.25 at 7 fG a v m cobi	and few cobblooist brn \$ and bles	ense brn \$ and es, not as wet CyS w/ fmcG.	•			headspace = 2.5 headspace = 4.5			
12 - 50/0.2	aug	e of gray silts ers grinding -		_			augers grinding hard			
					14.3		auger refusal at 14.3'			

	M	AL PIR	CO N	LM E			TEST	BORIN	G LO	G	BO	ORING No. SB-4			
PROJECT	BECKE	R EI	LECT	RONIC	S	LOCATIO	ON East D	urham, NY	,		SHI	EET 1 OF 1			
CLIENT	NYSDE	С						_			PRO	OJECT No. 0266327			
DRILLING	CONTRAC	TOR	Amer	rican A	uger						ME	AS. PT. ELEV.			
PURPOSE											GR	OUND ELEV. 487,8			
WELL MATERIAL												DATUM			
DRILLING	METHOD(S)	3 1/4	" HSA			SAMPLE	CORE	CASIN	١G	DA	TE STARTED 5/7/97			
DRILL RIC	З ТҮРЕ					TYPE	SS								
GROUND	WATER DE	PTH		_		DIA.	2"					TE FINISHED 5/7/97			
MEASURI	NG POINT		grou	nd		WEIGHT	140 #			▓	DR	ILLER J. Pietruch			
DATE OF	MEASURE	MENT				FALL	30"				PIR	ENIE STAFF LAC			
SAMPLE	RECOVERY, NUMBER BLOWS ON SAMPLE	유민	PID	GRAPHIC LOG	KE	Y - Color	IC DESCRI , Major, Min are, Etc.		ELEV. DEPTH	WEI Const	r.	REMARKS			
2	8 6 1 1 1 1 1 1 1 1 1	6 4 0 4 9 0.3	1.0	- 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6 - 6	yello trace	yellow-brn \$ w/ little It gray mottling, trace fmG wet, red-brn \$ grades to brn \$ w/ little fmcG wet brn \$ w/ little fmG and piece of gray siltstone						headspace = 1.5 dry headspace = 1.0			
6-	20 1 1 1 50/0	2 8 9	0.75		wet siltst							headspace = 1.25 augers grinding hard headspace = 1.25			
8 -	2 2 2 4	7 5 4		× × × × × × × × × × × × × × × × × × ×	8.8-	9.2' very der	ed-brn \$ w/ cG,			headspace = 1.25					
10		6 0.1	1.0	× × × × × × × × × × × × × × × × × × ×	$\overline{}$	0-10.4' red-br	m \$ w/ fmG -brn \$, moist, d	lense	10.0 10.4 11.1 11.5			headspace = 1.25 auger refusal - cutterhead destroyed			

MALCOLM PIRNIE		TEST	BORING	G LO	G	BORING No. SB-5
PROJECT BECKER ELECTRONICS	LOCATIO	ON East D	urham, NY			SHEET 1 OF 1
CLIENT NYSDEC		_			\neg	PROJECT No. 0266327
DRILLING CONTRACTOR American Auge						MEAS. PT. ELEV.
PURPOSE						GROUND ELEV. 487, Z
WELL MATERIAL						DATUM
DRILLING METHOD(S) 3 1/4" HSA		SAMPLE	CORE	CASIN		DATE STARTED 5/13/97
DRILL RIG TYPE	TYPE	SS			⊢	DATE FINISHED 5/13/97
GROUND WATER DEPTH	DIA.	2"	***********			DRILLER R. Baye
MEASURING POINT ground	WEIGHT	140 #			₩	PIRNIE STAFF LAC
DATE OF MEASUREMENT	FALL	30"	<u></u>	******	<u> </u>	PIRNIE STAFF LAC
	GEOLOGI EY - Color, Moistur	Major, Mir re, Etc.	or	ELEV. DEPTH (WEL Const	L REMARKS
15 1.25 lg. spo		cobble in botto				moist headspace = 1.5
14 5 5 mo 15 18 19 4	ist brn \$ w/ fm	cG (gray)				moist headspace = 5.0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	ist brn \$ w/ It g \$, trace fmG	gray-brn areas,	trace			headspace = 10.5
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	\$ w/ fmG					very moist to wet headspace = 6.5
43 58 50/0.3	above w/ lots or	f cG, dry				headspace = 12.5
_ \(\frac{\frac{21}{57}}{50/0.4} \) 5	\$ w/ lots of cC		moist			headspace = 22
aug	rock, continue :	ard				augers grinding hard
50/0.4 30 brn gra	brn \$ and gray to red-brn \$ w y siltstone in bo	/ fmG, wet, pi	ece of			auger to 15' and try another spoon
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.2' brn to red		(PID =			headspace = 92
	is hard, dense G, moist (PID		\$ w/			headspace = 7
50/0.3	o, moist (PID			18.8		auger refusal at 18.8'

MAI PII	COLM RNIE		TEST	BORIN	G LO	G B	SORING No. SB-6
PROJECT BECKER E	LECTRONIC	S LOCATIO	ON East D	urham, NY	,	SI	HEET 1 OF 1
CLIENT NYSDEC						PI	ROJECT No. 0266327
DRILLING CONTRACTOR	American Au	iger				М	EAS. PT. ELEV.
PURPOSE						G	ROUND ELEV. 487,3
WELL MATERIAL							ATUM
DRILLING METHOD(S)	3 1/4" HSA		SAMPLE	CORE	CASIN	rG —	_
DRILL RIG TYPE		TYPE	SS				ATE STARTED 5/7/97
GROUND WATER DEPTH		DIA.	2"			D,	ATE FINISHED 5/7/97
MEASURING POINT	ground	WEIGHT	140 #			D)	RILLER J. Pietruch
DATE OF MEASUREMENT	Γ	FALL	30"			₩ PI	RNIE STAFF LAC
SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	GRAPHIC LOG	KEY - Color, Moistu	re, Etc.		ELEV. DEPTH (WELL Constr.	REMARKS
$ \begin{array}{c c} & 9 \\ \hline & 10 \\ \hline & 22 \\ \hline & 21 \end{array} $	1.0	red-brn \$ and fme vfS in bottom of					very wet headspace = 0.75
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.75 1.0	brn \$, moist to w		n			headspace = 0.75
$ \begin{array}{c c} - & & 12 \\ \hline 23 \\ \hline 17 \end{array} $	1.25	6.0-6.4' brn \$, m	ojet				very moist to wet headspace = 0.75
8 - 30 25 30 54 25	1.0	6.4-6.6' red-gray 6.6-7.6' very den 7.6-7.7' some dry dense med brn \$	siltstone use brn \$ w/ fm y, It brn \$ w/ m	nore fmG			headspace = 1.0
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	0.75	cobbles to 9.0' 9.0-9.4' very den gray-brn \$ and C several gray siltst	use brn \$ and C y\$ mottling w/ one cobbles on	y\$ w/ dk fmG top			headspace = 0.75
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.0	very dense brn \$ very dense brn \$					headspace = 0.75
- 8 37 31 37 37 35	0.75	as above - only tr	race of cG				headspace = 0.75
16 − <u>8</u> 35 45 57 34	0.75	red-brn \$ and Cy	\$ w/ mcG, gray	y siltstone			MS/MSD collected not enough sample for headspace
55 50/0.2	1.0	in bottom			17.3		headspace = 1.75 auger refusal at 17.3'

	MAI	LCO RNI	IE IE		TEST	BORING	G LO	$\mathbf{G} \mid \mathbf{E}$	BORING I	No. SB-7
PROJECT	BECKER I	ELECT	RONIC	S LOCATI	ON East D	urham, NY		SI	HEET 1 OF	1
CLIENT	NYSDEC							P	ROJECT No.	0266327
DRILLING	CONTRACTOR	Ame	rican Au	iger				М	IEAS. PT. ELEV.	
PURPOSE			_	_				G	ROUND ELEV.	487.1
WELL MA	TERIAL								ATUM	70111
DRILLING	METHOD(S)	3 1/4	" HSA		SAMPLE	CORE	CASIN	NG -	ATE STARTED	5/7/07
DRILL RIC	G TYPE			TYPE	SS			-		
GROUND	WATER DEPTH	I		DIA.	2"				ATE FINISHED	
MEASURI	NG POINT	grou	nd	WEIGHT	140 #			₩ <u></u> ₽	RILLER	J. Pietruch
DATE OF	MEASUREMEN	Т		FALL	30"			₩ P	IRNIE STAFF	LAC
SAMPLE	RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER A.	PID	GRAPHIC LOG	KEY - Color Moist	ire, Etc.	nor	ELEV. DEPTH	WELL Constr.	<u>, </u>	REMARKS
2 - ×	7 11 14 14 44 50/0.2	0.75		red-brn \$ and fm G top 0.2' gray mc bottom 0.2' brn 5 cobble in bottom	G \$ w/ red-brn are				headspac very wet headspac	
4-8	7 9 6 16	0.75		4.0-5.0' red-brn 5.0-5.05' fmcS (5.05-5.7' red-brn	qtz)	cG and	5.0		headspac	e = 6.5
8 -	16 17 15 65	1.0		few cobbles red-brn \$ w/ trac cobble at 6.5' (gi 6.5-7.5' med brn less fmG bottom of spoon	ray siltstone) i to yellow-brn				wet headspac moist	e = 7.5
10 -	15 15 24 24	1.0	×××	rock - auger to 9 wet, red-brn \$ w cobble at 9.4' 9.4-10.2' brn to	, / cG red-brn \$ w/ tra	ace fmG	10.2		headspac	e = 38
12 -	15 33 33 33 30	7 1.5 1.5	× × × × × × × × × × × × × × × × × × ×	10.2-10.4' med to change from about mcG on top of develow-brn \$	ve ense med brn to	·	11.6		headspac	e = 70
14 -	91 35 28 25	7	× × × × × × × × × × × × × × × × × × ×	to yellow-brn \$, 0.3' of red-brn \$ cobbles 13.3-13.9' brn to	no G w/ red-gray sil yellow-brn \$ v	tstone	15.0		headspac	e = 190
16 -	33 33 35 100/0.15	30	× ^ × , × × × , × × × , × × × ,	brn \$, wet, few of as above w/ lg. s	cobbles, trace C				headspac	e = 200

MAL	COLM RNIE		TEST	BORING	G LO	G B	ORING No. SB-8
PROJECT BECKER E	LECTRONICS	LOCATION	ON East D	urham, NY		SI	HEET 1 OF 1
CLIENT NYSDEC						PF	ROJECT No. 0266327
DRILLING CONTRACTOR	American Auger	,				М	EAS. PT. ELEV.
PURPOSE						GI	ROUND ELEV. 487, 2
WELL MATERIAL						D,	ATUM
DRILLING METHOD(S)	3 1/4" HSA		SAMPLE	CORE	CASIN	G —	ATE STARTED 5/13/97
DRILL RIG TYPE		TYPE	SS			-	ATE FINISHED 5/13/97
GROUND WATER DEPTH		DIA.	2"	***************************************	**********		
MEASURING POINT	ground	WEIGHT	140 #			₩	RILLER R. Baye
DATE OF MEASUREMENT	·	FALL	30"		*****	₩ PI	RNIE STAFF LAC
SAMPLE TYPE, TYPE, NUMBER, NUMBER, BLOWS ON SAMPLE SPOON PER 6"	<u>o</u>	EY - Color, Moistu	IC DESCR , Major, Min Ire, Etc.	_	ELEV. DEPTH (WELL Constr.	REMARKS
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.25 13 20 5 wet sha no 25 35 90 15 lots find bott	0.4' red-brn \$ from 0.4' brn \$ from 0.4' brn \$ from	one cobbles on ome red-gray)	n \$ w/	15.0		headspace = 2.75 very moist to wet headspace = 80 moist to wet headspace = 164 headspace = 140 moist not enough sample for headspace not enough sample for headspace

MALCO PIRNI	LM E	TEST	BORING	G LOG	ВС	ORING No. SB-9
PROJECT BECKER ELECT	RONICS LOCATION	ON East D	urham, NY		SHE	ET 1 OF 1
CLIENT NYSDEC	<u> </u>				PRO	JECT No. 0266327
DRILLING CONTRACTOR Ame	rican Auger				МЕА	AS. PT. ELEV.
PURPOSE		_			GRO	UND ELEV. 4873
WELL MATERIAL					DAT	-
DRILLING METHOD(S) 3 1/4	" HSA	SAMPLE	CORE	CASING	DAT	E STARTED 5/6/97
DRILL RIG TYPE	ТҮРЕ	SS			-	TE FINISHED 5/6/97
GROUND WATER DEPTH	DIA.	2"	***************************************	**********	_	
MEASURING POINT grou	nd WEIGHT	140 #			▓──	LLER J. Pietruch
DATE OF MEASUREMENT	FALL	30"			₩ PIRN	NIE STAFF LAC
SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	KEY - Color,	ire, Etc.	IPTION nor	DEPTH Co	ELL nstr.	REMARKS
13 50 15 20 20 23 29 4 8 15 20 1.5 20 25 37 20 40 60 57 25 32 1.5 50/0.2	bottom 0.3' yello no recovery - pus brn \$ w/ less fmc as above brn \$ w/ lg gray s	w-brn \$ w/ trac		9.2		headspace = 1.5 augers grinding hard very moist to wet headspace = 6.5 headspace = 4.5 headspace = 20 auger refusal at 9.2'

MAI	COLM		TEST	BORIN	G LO	G	BORING No. SB-10
PROJECT BECKER E	LECTRONICS	LOCATIO	ON East D	urham, NY	,	s	SHEET 1 OF 1
CLIENT NYSDEC						P	PROJECT No. 0266327
DRILLING CONTRACTOR	American Auger	•				N	MEAS. PT. ELEV.
PURPOSE						0	GROUND ELEV. 487. /
WELL MATERIAL							DATUM
DRILLING METHOD(S)	3 1/4" HSA		SAMPLE	CORE	CASIN	√IG	DATE STARTED 5/7/97
DRILL RIG TYPE		TYPE	SS			⊢	
GROUND WATER DEPTH		DIA.	2"				DATE FINISHED 5/7/97
MEASURING POINT	ground	WEIGHT	140 #			₩L ^T	DRILLER J. Pietruch
DATE OF MEASUREMENT	Г	FALL	30"			₩ P	PIRNIE STAFF LAC
SAMPLE TYPE, TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	5	EY - Color, Moistu	IC DESCR Major, Min re, Etc.		ELEV. DEPTH	WELI Constr	REMARKS
12	0.75 top red red silts of the piece of the p	0.3' dk brn \$ -brn fmcG w/ -brn \$ w/ fmcG stone cobble ce of gray silts -brn \$ w/ less eral gray silts -brn \$ w/ less gers grinding - ce of gray silts \$ \$ w/ few area G, trace Cy\$ recovery - pus 0-13.4' red-br 4-13.6' red-gr	w/ fmcG less \$ G tone one cobbles on fmG, trace Cy stone on top is of red-brn \$, whed a cobble (g	trace gray)	14.7		headspace = 1.0 dry headspace = 2.5 auger to 6', augers grinding hard dry headspace = 4.75 wet headspace = 6.0 headspace = 35 auger refusal at 14.7'

MALC	OLM IIE		TEST	BORING	G LO	\mathbf{G}	BORING No. SB-11
PROJECT BECKER ELEC	CTRONICS	LOCATI	ON East D	urham, NY	-	S	SHEET 1 OF 1
CLIENT NYSDEC						1	PROJECT No. 0266327
DRILLING CONTRACTOR A	nerican Auger					N	MEAS. PT. ELEV.
PURPOSE							GROUND ELEV. 487./
WELL MATERIAL							DATUM
DRILLING METHOD(S) 3 1	/4" HSA		SAMPLE	CORE	CASIN	iG I	DATE STARTED 5/6/97
DRILL RIG TYPE		TYPE	SS			- ⊢	DATE FINISHED 5/6/97
GROUND WATER DEPTH		DIA.	2"	***************************************	*********		DRILLER J. Pietruch
	ound	WEIGHT	140 #			₩	
DATE OF MEASUREMENT		FALL	30"	<u> </u>	*****	**** '	PIRNIE STAFF LAC
SAMPLE TYPE, RECOVERY ON BLOWS ON SAMPLE SAMPLE SAMPLE SER 6"	GRAP KE	Y - Color Moisti	FIC DESCRI , Major, Mir 1re, Etc.		ELEV. DEPTH (WEL] Constr	L REMARKS
15 21 1 27 17 2 19 18 22 5 4 20 20 1 20 20 20 20 30 1 30 2 30 2 35 35 35 35 35 35 35 35 35 35 35 35 35 3	med as ab red-toobb bottoo w/ ii red-toobb very chan top 0 botto	brn \$, fmcG brn \$, fmcG brn \$, fmcG brn \$, fmcG brn \$, frace v le, wet m 0.05' has title Cy\$ brn and yello les (more wi wet, brn and ges to cG an a.4' mcG and brace wi brn 0.6' med brace wi brn 0.6' med brace wi brn 0.6' med brace wi brace wi com 0.6' med brace wi brace wi com 0.6' med brace wi brace wi com 0.6' med	d \$, dry d \$, dry, less G the of S and gray silt It brn w/ trace ow-brn \$, trace of th depth) d red-brn \$ w/ fe d cobbles w/ de d cobbles in ver brn \$ w/ less fr come reddish)	istone It gray \$ Cy\$, and fmG epth y wet brn	16.0		headspace = 1.5 headspace = 1.75 wet headspace = 4.25 headspace = 3.0 very wet headspace = 11 moist to wet headspace = 9.5 wet headspace = 10.5 augers grinding hard

				MAI PI	CC RN	MIK			TEST	BORIN	G LO	G	В	ORING No. SB-12
P	ROJI	ECT	BE	CKER E	ELECT	TRONI	CS	LOCATI	ON East D	urham, NY	7		SH	EET 1 OF 1
	LIEN	ΙΤ	NY	SDEC						-			PR	OJECT No. 0266327
I	RILI	JING	CON	TRACTOR	Ame	erican A	uger						MI	EAS. PT. ELEV.
P	URP	OSE											GF	ROUND ELEV. 487./
V	VELL	MA.	TERL	AL						_			D.A	ATUM
I	RILI	ING	MET	HOD(S)	3 1/4	4" HSA		_	SAMPLE	CORE	CASI	NG		ATE STARTED 5/6/97
I	RILI	RIC	TYP	E				TYPE	SS			_		
G	ROU	ND	WATE	R DEPTH				DIA.	2"	***************************************	*******			ATE FINISHED 5/6/97
N	1EAS	URI	NG PC	INT	grou	ınd		WEIGHT	140 #				DF	RILLER J. Pietruch
L	ATE	OF	MEAS	UREMEN	Т			FALL	30"			****	PII	RNIE STAFF LAC
	оертн гт.	SAMPLE	RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	1	EY - Color	FIC DESCR , Major, Min ire, Etc.		ELEV. DEPTH	WEI Const	LL tr.	REMARKS
	2 -	×××		14 14 20 25 25	1.0		fron	n gray to red-	w/ fmcG which					headspace = 2.5
	4 -	××××		23 30 50/0.3	1.0			dense						headspace = 1.5
		***		20 20 20 20	1.0			moist	e fG and trace (C, moist				headspace = 1.5
	6 8 -	*		22 22 25 27	1.0		6.2- mois	6.4' med yell st	e C and trace fo	_				headspace = 1.5
	- 10 –	××××		20 25 30 23				brn \$ w/mcG	ist red-brn \$ an	4 - C				very moist to wet headspace = 1.5
	12 –	×××		30 30 30 15	2.0			bove	ist rea-biii \$ aii	u med				headspace = 1.5
l .	_	***		25 50 100	3.0		•	3-13.0' some						headspace = 1.5
	4 - -	**		80/0.5 50/0.2	1.5 3.0				\$ and mcG, sharen-gray rock in					very wet headspace = 2.0
1	16 -			22 87	2.0		1 -	wet, as abov shale frags	e except siltsto	ne rather	17.4			headspace = 2.0

	N	쌂	CO	LM IE			TEST	BORIN	G LO	G	В	ORING No. SB-13
PROJECT	BECK	ER EI	LECT	RONIC	S	LOCATION	ON East D	urham, NY			SH	EET 1 OF 1
CLIENT	NYSD	EC					_				PR	OJECT No. 0266327
DRILLIN	G CONTRA	CTOR	Ame	rican A	uger	_					ME	EAS. PT. ELEV.
PURPOSI	E										GR	OUND ELEV. 487./
WELL M	WELL MATERIAL										DA	ATUM
DRILLIN	G МЕТНОІ	D(S)	3 1/4	" HSA			SAMPLE	CORE	CASI	NG		TE STARTED 5/6/97
DRILL R	IG TYPE			_		TYPE	SS			_		
GROUNI	WATER D	ЕРТН				DIA.	2"					
	ING POINT		grou	nd		WEIGHT	140 #			₩		J. Pietruch
DATE OF	MEASURI	EMENT				FALL	30"			****	PIF	ENIE STAFF LAC
DEPTH FT	RECOVERY NUMBER BLOWS ON	SPOON PER 6"	PID	GRAPHIC LOG	KE	EY - Color, Moistu	IC DESCRI , Major, Min ire, Etc.	nor	ELEV. DEPTH	WEI Cons	LL tr.	REMARKS
2-		11 27 19 14 8	1.5				w/ less \$, poo					headspace = 2.0
4-		35 35 30 28 34	1.75			med brn \$ and fmcG (mostly fm), few reddish cobbles						moist headspace = 1.5
6-		38 37 15 20	2.0			bove, red-brn c Cy\$	\$ and fmcG, b	out w/				headspace = 2.0 very moist to wet headspace = 1.5
8 -		30 33 10 15 20			as al	bove (6-8'), t	out less G, trace	: C				augers grinding moist to wet headspace = 1.5
10 -		25 3 13 13	2.0		red-	brn \$ w/ fmc	G, wet					headspace = 1.5
		//0.1							11.6			auger refusal at 11.6'

		MAI PII	CO	LM IE			TEST	BORIN	G LO	G	BORIN	G No. SB-14
PROJE	ECT I	BECKER E	LECT	RONIC	s	LOCATION	ON East D	urham, NY	,		SHEET 1	OF 1
CLIE	TV	NYSDEC									PROJECT No	0266327
DRIL	LING CO	ONTRACTOR	Ame	rican A	uger						MEAS. PT. E	ELEV.
PURP	OSE										GROUND EL	LEV. 487. /
WELL	MATE	RIAL									DATUM	
DRILI	LING M	ETHOD(S)	3 1/4	" HSA			SAMPLE	CORE	CASI	NG		TED 5/13/97
DRILI	L RIG T	YPE				TYPE	SS			_		HED 5/13/97
GROU	IND WA	TER DEPTH				DIA.	2"	***************************************	********			
MEAS	URING	POINT	grou	nd		WEIGHT	140 #			▓	DRILLER	J. Pietruch
DATE	OF ME	ASUREMEN'	Γ			FALL	30"		******	*****	PIRNIE STAI	FF LAC
оертн гт.	SAMPLE TYPE, RECOVERY.	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KI	EY - Color, Moistu	IC DESCR , Major, Min ere, Etc.	nor	ELEV. DEPTH	WEI Cons	LL tr.	REMARKS
2 -		14 25 29 30 21 25 50/0.5	1.5 2.5 1.5			brn fmcG and	i \$, few gray co	obbles			mo	ist idspace = 1.5
4 - - 6 -	××××××××××××××××××××××××××××××××××××××	17 17 41 43 25	1.75			\$ and fmcG brn \$ w/ less	fmcG				hea	adspace = 1.75
8 -		12 13 12 12 15 25	1.5 1.5 15 1.75		as a	bove						adspace = 1.5 adspace = 2.0
10 -	***	31 12 43 33 41	1.5				n to red-brn \$ w				hea	dspace = 1.75
14 -		11 16 18 21 22 50/0.1	1.5 3.5		dens	se, as above t	out more red-br	n			hea	idspace = 12
16 -									16.0			er refusal at 16.0'

MAI	COLM RNIE		TEST	BORIN	G LO	G	BORING No. SB-15
PROJECT BECKER E	LECTRONICS	LOCATIO	ON East D	urham, NY	•		SHEET 1 OF 1
CLIENT NYSDEC							PROJECT No. 0266327
DRILLING CONTRACTOR	American Auger				-		MEAS. PT. ELEV.
PURPOSE							GROUND ELEV. 487./
WELL MATERIAL							DATUM
DRILLING METHOD(S)	3 1/4" HSA		SAMPLE	CORE	CASII	NG	
DRILL RIG TYPE		ТҮРЕ	SS			-	DATE STARTED 5/13/97
GROUND WATER DEPTH		DIA.	2"				DATE FINISHED 5/13/97
MEASURING POINT	ground	WEIGHT	140 #			▓	DRILLER J. Pietruch
DATE OF MEASUREMEN	<u> </u>	FALL	30"				PIRNIE STAFF LAC
SAMPLE TYPE, RECOVERY, NUMBER BLOWS ON SAMPLE SPOON PER 6"	PID EO	EY - Color,	IC DESCRI Major, Min Ire, Etc.		ELEV. DEPTH	WEI Const	LL REMARKS
2 — 11 36 18 13 10 12 25	1.25 moi cob	brn \$ and fmc	cG grades to br				headspace = 3.75 headspace = 5.0
$ \begin{array}{c cccc} 4 & & & & 22 \\ & & & & 35 \\ & & & & 27 \\ & & & & 33 \\ & & & & 47 \\ & & & & 7 \\ & & & & 10 \end{array} $	2.0 top brn moi		y siltstone cobb orange-brn and				headspace = 5.5 moist
$ \begin{array}{c cccc} & & & 13 \\ & & & 18 \\ & & & 17 \\ & & & 19 \\ & & & 17 \\ & & & 19 \\ & & & 7 \\ \end{array} $	as a	st, brn \$ w/ fr	mcG and trace	Cy\$			headspace = 2.75 headspace = 2.5
$ \begin{array}{c cccc} & & & 11 \\ & & 14 \\ & & 26 \\ & & 17 \end{array} $	1.5 2.0 4	, as above					headspace = 6.75
14 - 23 21 38 8		om 0.5' more	dense, moist				wet headspace = 32
16 - 26 26 31 31	8.5				16.0		headspace = 55 auger refusal at 16.0'

MAI PII	COLM RNIE		TEST	BORING	G LOG	В	SORING No. SB-16
PROJECT BECKER E	LECTRONICS	LOCATI	ON East D	urham, NY		SI	HEET 1 OF 1
CLIENT NYSDEC				_		PI	ROJECT No. 0266327
DRILLING CONTRACTOR	American Auger	•				М	EAS. PT. ELEV.
PURPOSE						G	ROUND ELEV. 487,3
WELL MATERIAL						D.	ATUM
DRILLING METHOD(S)	3 1/4" HSA	T	SAMPLE	CORE	CASING		ATE STARTED 5/13/97
DRILL RIG TYPE		TYPE	SS				ATE FINISHED 5/13/97
GROUND WATER DEPTH		DIA.	2"	***************************************	***********		RILLER J. Pietruch
MEASURING POINT	ground	WEIGHT	140 #			鱗─	
DATE OF MEASUREMENT		FALL	30"	<u> </u>		₩ Pi	RNIE STAFF LAC
SAMPLE TYPE, TYPE, NUMBERY NUMBER BLOWS ON SAMPLE SPOON PER 6"		EY - Color	IC DESCR , Major, Mir ire, Etc.		ELEV. W	ELL nstr.	REMARKS
$ \begin{array}{c cccc} & & & 19 \\ & & & 36 \\ \hline & & 30 \\ & & & 14 \\ \hline & & & 19 \\ \end{array} $	1.25 and	G	c gray G, grade				headspace = 2.0
- \$\begin{array}{c} 32 \\ 46 \\ 30 \end{array}	1.25 gray	y \$ eral cobbles a	t 2.9'				headspace = 2.0
11 31 23 18	1.25 fmC	G, dry to mois		orn \$ w/			headspace = 2.75
$ \begin{array}{c c} & 11 \\ & 18 \\ & 32 \\ & 31 \end{array} $	1.25 brn	\$ w/ fmcG, v	very moist				headspace = 4.0
81 36 40	1.25 bott cob	bles	gray rock frags	and			headspace = 4.0
10 \$\\\ \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	1.5	bove w/ lots o					headspace = 14.5
$\begin{array}{c c} & 5 \\ \hline & 10 \\ \hline & 20 \\ \hline & 20 \end{array}$	5 4		e dense, trace (∴y ≯			headspace = 42
50/0.2	red-	gray rock	_		14.5		auger refusal at 14.5'

		MAL	CO N	LM E			TEST	BORIN	G LO	G	ВО	RING	No. SB-17
PROJEC	CT BEC	CKER E	LECT	RONIC	cs	LOCATION	ON East D	urham, NY	,		SHEE	T 1 OF	1
CLIENT	r NYS	SDEC					_				PROJ	ECT No.	0266327
DRILLI	ING CONT	RACTOR	Ame	rican A	uger				_		MEA	S. PT. ELEV	
PURPO	SE										GRO	UND ELEV.	486.9
WELL	MATERIA	L						_			DAT	 Им	
DRILLI	ING METH	IOD(S)	3 1/4	" HSA			SAMPLE	CORE	CASI	NG		E STARTED	5/20/07
DRILL	RIG TYPE					ТҮРЕ	SS						
GROUN	ND WATE	R DEPTH				DIA.	2"					E FINISHED	
MEASU	JRING PO	INT	grou	nd		WEIGHT	140 #				DRIL	LER	J. Pietruch
DATE (OF MEAS	JREMENT				FALL	30"				PIRN	IE STAFF	LAC
DEPTH FT.	SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KE	EY - Color, Moistu	IC DESCR , Major, Min nre, Etc.		ELEV. DEPTH	WEI Cons	LL tr.		REMARKS
- 2 - - 4 -	***************************************	20 14 10 10 8 10 14 50/0.3	0.75		as al		mcG nore cG (gray s					headspac moist headspac	
6 -	*	20 11 10 12 12	1.25		gray brn	to gray-brn Com 0.25' wet	cy\$ w/ mcG		6.5			headspac wet	
8 -		10 11 50/0.5	1.0			G. gray, loose ers grinding h			6.7			headspac wet headspac	ce = 0.5
10 -		50 50/0.2			Cy\$	(brn), very v	\$ above loose f wet very wet and c		11.0				t ce = 1.5 fusal at 11.0'

MALCOLM PIRNIE							TEST	G LO	G	BORING No. SB-18					
PROJEC	T BE	CKER E	LECT	RONIC	cs	LOCATION	ON East D	urham, NY			SHEET	1 OF	1		
CLIENT	NY	SDEC									PROJE	CT No.	0266327		
DRILLI	NG CONT	TRACTOR	Ame	rican A	uger					MEAS	PT. ELEV	<i>I</i> .			
PURPOSE											GROUND ELEV. 487. 0				
WELL N	MATERIA	L											707.0		
DRILLI	NG METI	HOD(S)	3 1/4	" HSA			SAMPLE	CORE	CASI	NG		DATUM DATE STARTED 5/20/97			
DRILL	RIG TYPE	<u> </u>				TYPE	SS					FINISHED			
GROUN	D WATE	R DEPTH				DIA.	2"	***************************************	******						
MEASU	RING PO	INT	grou	nd 		WEIGHT	140 #			₩	DRILL	ER 	J. Pietruch		
DATE C	F MEAS	UREMENT	<u> </u>	-		FALL	30"				PIRNII	STAFF	LAC		
DEPTH FT.	SHIPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KE	Y - Color. Moistu	IC DESCR , Major, Min nre, Etc.		ELEV. DEPTH	WEI Const	LL tr.		REMARKS		
- 2 -		35 40 21 11 12 15	1.0			orn fmcG and	·					headspa	ce = 1.2		
4 - -	8	15 14 36 40 28	1.0			oove for top (om 0.3' gray).2' cobbles w/ brn	s				·	ce = 0.6 ce = 1.0		
6 - - 8 -		8 4 10 12	1.0	× × × × × × × × × × × × × × × × × × ×	botto mott	es of mcG	gray fS in Cy\$ ray \$yC w/ It y ganics		6.0			very we headspa	ct ce = 1.2		
-	8	11 15 50/0.4	1.0 1.25	×	\		s \$ and \$yC, gr	ray	8.2			wet headspa	ce = 1.6		
10 -	8	11 20 18 18 14	1.0				n \$ w/ trace fG					headspa	ce = 1.4		
-		28 50/0.1	1.0						13.1			headspa	MS/MSD ce = 1.4 efusal at 13.1'		

MALCOLM PIRNIE								TEST	G LO	G	BORING No. SB-19			
PROJECT BECKER ELECTRONICS LOCAT								ON East D	7		SHEET 1 OF 1			
CLIE	NT	NYSE	DEC									PROJEC	T No.	0266327
DRIL	LING	CONTR	ACTOR	Ame	rican A	uger				-		MEAS. I	PT. ELEV.	
PURI	POSE									_		GROUN	D ELEV.	487.0
WEL!	L MA	TERIAL										DATUM		
DRIL	LING	3 МЕТНО	D(S)	3 1/4	" HSA			SAMPLE	CASI		DATE S	TARTED	5/21/97	
DRIL	L RIC	G TYPE					TYPE	SS			- ⊦		INISHED	
GRO	UND	WATER I	DEPTH		_		DIA.	2"				-		
MEA	SURI	NG POIN	T	grou	nd		WEIGHT	140 #			₩₩	DRILLE		J. Pietruch
DATI	E OF	MEASUR	EMENT	Γ			FALL	30"				PIRNIE	STAFF	LAC
DEPTH FT.	SAMPLE	RECOVERY, NUMBER BLOWS ON	SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KE	Y - Color Moisti	IC DESCR , Major, Mi	nor	ELEV. DEPTH	WEL Const	L r.		REMARKS
2 -	***** *****	50	70/0.3	1.0				G, slightly mois					headspace	e = 2.0
-		50	14 0/0.3	1.0		mois	it						headspace	e = 1.8
4 -			10 20 10	1.75		loos	e fmcG and r	ed-brn \$, mois	t				moist headspace	e = 1.8
6 -	***		15 8 10 11	1.0		wet	brn \$ w/ trac	e mcG, trace C	cys				headspace	e = 4.0
8 -			11 14 20 30	1.0	× × × × × × × × × × × × × × × × × × ×	vfS,	brn \$ w/ gray trace Cy\$ obble at 9'	y and It brn are	as, trace	9.4			headspace	e = 4.0
10 -			13 15 15 19	1.5		dens	e brn \$ w/ m	ncG, moist		7.4			moist headspace	e = 3.0
12 -			16 10 12 14 18	1.5				G (less than abo	ove)				wet headspace	e = 2.6
14 -		51	11 18 19 0/0.4	1.25		as ai	oove (14-16'))					headspace	e = 4.0
16 -		3(0/0.4		11.1	auge	er to refusal a	ıt 16.5'		16.5				usal at 16.5'

	MAL	CO N	E E			TEST	BORING	G LO	G	BORIN	G N	No. SB-20
PROJECT BE	CKER EI	LECT	RONIC	S	LOCATIO	ON East D	urham, NY			SHEET 1	OF	1
CLIENT NY	SDEC									PROJECT No).	0266327
DRILLING CON	TRACTOR	Amer	rican A	uger						MEAS. PT. E	LEV.	
PURPOSE						GROUND ELEV.						
WELL MATERIA	AL									DATUM		
DRILLING MET	HOD(S)	3 1/4	" HSA			SAMPLE	CORE	CASI		DATE STAR	TED	5/21/07
DRILL RIG TYP	E				TYPE	SS			⊢			
GROUND WATE	ER DEPTH				DIA.	2"				DATE FINISI	HED	5/21/97
MEASURING PO	DINT	grou	nd		WEIGHT	140 #				DRILLER		J. Pietruch
DATE OF MEAS	UREMENT	•			FALL	30"				PIRNIE STAI	F F	LAC
SAMPLE TYPE, RECOVERY, NUMBER	BLOWS ON SAMPLE SPOON PER 6"	PID	GRAPHIC LOG	KE	EY - Color, Moistu	IC DESCRI , Major, Minure, Etc.	nor	ELEV. DEPTH	WEL Const	L r.	R	REMARKS
2 - 3 - 4 - 3 - 4 - 3 - 4 - 3 - 4 - 3 - 4 - 3 - 4 - 4	11 21 19 27 21 20 21 21 22 30 50 46 32 74 50/0.5 50/0.1 200/0 25 13 13 21 13	1.25 1.25 1.25 1.25		brn to bottom to receive the state of the st	bove to 2.5' to cobbles to red-brn \$ vom 0.4' gray \$ w/ trace graphbble in end of	w/ mcG cobbles ay \$, trace vfS, of spoon thed a gray cobb	\$ and occ.			wet hear	dspace dspace dspace enoug enoug	e = 2.0 e = 2.0 e = 1.8 e = 3.2 th sample for headspace th sample for headspace e = 1.6 e = 2.8
16 -	16 36 50 50/0.4	1.25						16.4		hea spo	on refi	e = 1.8 usal at 16.4' i broken, won't auger to