VOLUME III

FINAL REPORT
PRELIMINARY ASSESSMENT
MAIN PLANT SITE

CIBA-GEIGY CORPORATION

GLENS FALLS, NEW YORK

SEPTEMBER 18, 1987

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VOLUME III

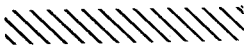
APPENDICES

APPENDIX III

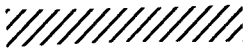
SUBSURFACE BORING LOGS

Key to Abbreviations and Symbols

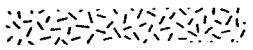
alt	=	alternating
ang	=	angular
bl	=	black
br	=	brown
c	=	coarse
cbl(s)	=	cobble(s)
cl	=	clay
cly	=	clayey
conc	=	concrete
crsning	=	coarsening
decomp	=	decomposition
dessic	=	dessication
dk	=	dark
dns	=	dense
f	=	fine
frag(s)	=	fragment(s)
frm	=	firm
grn	=	green
grnish	=	greenish
gry	=	grey
gvl	=	gravel
gvly	=	gravelly
hrd	=	hard
limest	=	limestone
lns	=	lense(s)
lnses	=	lenses
lse	=	loose
lt	=	light
ltl	=	little
lyr(s)	=	layer(s)
m	=	medium
mod	=	moderately
mtld	=	mottled
mtling	=	mottling
or	=	orange
org	=	organic(s)
part(s)	=	parting(s)
pbl(s)	=	pebble(s)
prpl	=	purple
qtz	=	quartz
qtzose	=	quartzose
rd	=	red
rnd	=	rounded
sdy	=	sandy
sft	=	soft
slt	=	silt
slty	=	silty
snd	=	sand
srtd	=	sorted
stf	=	stiff
subang	=	subangular
sub-rnd	=	sub-rounded
tn	=	tan
tr	=	trace
vrv(s)	=	varves, varved
w/	=	with
well srtd	=	well sorted
wh	=	white
yw	=	yellow



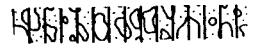
CH = Inorganic clays of high plasticity



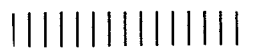
CL = Inorganic clays of low plasticity



FL = Fill and Waste



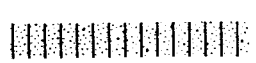
GM = Silty gravels, gravel-sand-silt mixtures



MH = Inorganic silts, micaceous or diatomaceous fine sand, or silty soils

PI = Peat, humus, swamp soils with high organic contents

SM = Silty sands, sand-silt mixtures



SP = Poorly graded sands, gravelly sands, little or no fines

SW = Well graded sands, gravelly sands, little or no fines

(Symbols according to Unified Soil Classification System)

PROJECT NAME :CIBA-GEIGY
DATE :2/25/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

SURFACE ELEV.:281.53/283.33

BORING NUMBER:MW-24
PROJECT NO. :267-34-1
LOCATION :BETWEEN RT 32 & FEEDER
INSPECTOR :HOWARD
SAMP. METHOD :SPLIT SPOON

DATUM :GROUND LEV/TOP OF RISER

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	6.5	0	FL Br f SAND,some cly slt & f to c gvl,tr cbl frag & wh chunky fill,dry		
2	5.5	5	FL Br f SAND,some cly slt,tr cbl frag w/bright rd stain,tr f to m fill,dry to damp		
3	9.5		FL As above,cbl frag in tip,dry		
4	50	10	FL Br f SAND,ltl slt & f to m gvl, tr yw-grn stain & rd specks, moist to wet		

6.3 ft. Hit cobble

6.3 - 11.6 ft. Br f to c SAND,tr slt

11.6 ft. Hole ends at rock

BORING NUMBER: MW-26

PROJECT NAME : CIBA-GEIGY
DATE : 2/17/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV. : 236.65/238.57

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		0	FL 0-6 Tn to yw f SAND		
		5			
1			FL Tn to yw-or f SAND;6.5-7.0 dk rd-br FILL,bl specks,m to c CH snd,slt,wet;7-8 gry CLAY,dns		
		8	8 ft.Hole ends in clay		

BORING NUMBER: MW-28

PROJECT NAME : CIBA-GEIGY
DATE : 2/17/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.18/241.0

DATUM : GROUND LEV/TOP OF RISER

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	5		FL Rd cly SILT & FILL,moist		
2	3		FL Br & rd f to c SAND & cly SILT, some f to m gvl,moist		
3	4	5	FL Rd & bl FILL,cinders,moist		
4	1.5		FL As above,damp		
5	1.5		FL As above		
6	0.5	10	FL Yw & wh FILL,damp		
7	0		FL Br f to m SAND,ltl slt,tr fill & cinders,wet		
8	0	15	CH Gry slty CLAY,lns of cly slt .05 ft. thick,vry,wet		
9	2		CH As above,tr roots in tip,moist		
10	1		CH As above,tr f gvl,moist		
11	1.5	20	CH Gry slty CLAY,some cly slt lns, moist		
12	1.5		CH As above		
13	2.5	25	CH As above;25-26 gry slty CLAY, some f to m snd,ltl f to m gvl, wet (TILL)		
14	26		GM Gry f to c GRAVEL & f to c SAND,ltl slty cl,wet		
		30			

27.3 ft. Hole ends at rock

BORING NUMBER: MW-31
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/24/87
LOCATION : EMBANKMENT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 215.03/217.44
DATUM : GROUND LEV/TOP OF RISER

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1		0	FL Rd-br m to c SAND & SOIL w/ wood frags, wet		
2			FL As above, dry		
3		5	FL Br c SAND w/roots & wood frags, moist		
4			FL As above		
5			FL As above, more wood frags & chips, wet		
6		10	FL Gry m to c SAND, some wood frags		
7			SW As above, some br lyrs		
8			SM Gry crs SAND, some slt		
		15			

16 ft. Hole ends at rock

PROJECT NAME :CIBA-GEIGY
DATE :2/25/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

SURFACE ELEV.: 254.01

BORING NUMBER:MW-32
PROJECT NO. :267-34-1
LOCATION :PARKING LOT
INSPECTOR :HOWARD
SAMP. METHOD :SPLIT SPOON

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1		0	SM No sample;ASPHALT,br f SAND, some slt		
2	2		SM Br f to m SAND,some slt,at bottom br cly slt,fining up,dry		
3	2.5	5	SM Br rd slty CLAY,cbl frag,moist		
4	4		SM As above,moist;br f snd & slt lns w/tr m to c snd,wet		
5	6		SM Br f to c GRAVEL,f to c SAND, & cly SILT,moist		
6	4	10	CH Br slty CLAY,cly slt lyr .3 ft. thick,at 10.5 some f gvl,moist		
7	2.5		CH As above;12.8-14.0 dk gry CLAY, lt gry slty cl seams,vry,moist		
8	1.5		SM As above;15.3-16.0 gry f SAND & cly SILT,some f to m gvl, moist		
9	13	15	SM As above,wet (TILL)		

16.5 ft. Hole ends at rock

Well not installed

BORING NUMBER: MW-34
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/15/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 238.04/239.61
DATUM : GROUND LEV/TOP OF RISER

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	9.5		FL GRAVEL,lse tn sdy FILL;1-2 lse rd-br FILL		
2	4		FL Lse tn f SAND;3-4 dk rd FILL		
3	2	5	FL Lse rd to dk rd FILL,moist		
4	2.5		FL As above,frm		
5	4		FL Frm dk rd to br FILL,wet		
6	1	10	FL As above,wet		
7	1.5		FL As above		
8		15	FL As above		
9			FL As above,sft		
10			FL As above;19-20 frm bl FILL, gritty,moist		
11		20	FL Grn-bl v f SAND w/slt		
12			FL Bl f FILL,wet		
		25			
13			SM V f SAND w/slt,grn stain,wet		
14			SM Grn-gry f SAND w/slt,some gry, wet		
15	13.5	30	Broken rock,wet		
16	9		Broken rock,wet		
17	16.5	35	Broken rock,wet		

36 ft. Hole ends in broken rock

BORING NUMBER: MW-45

PROJECT NAME : CIBA-GEIGY
DATE : 4/1/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : PARKING LOT
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 247.71/249.74

DATUM : GROUND LEV/TOP OF RISER

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		0			
1	5	5	PI Dk br f to m SAND & SILT, tr roots, org, moist		
2	8.5		SW Br f to c SAND, tr slt; at 7.8 some dk rd to br particles; at 8.2 slty seam w/rd particles, dry		
		10			
3	11		SW As above, no slt seams, moist		
4	6.5		SP Br f to c SAND, tr slt & f to m gvl, some rd & br stain, wet		
5	3		SW Br f to m SAND, tr slt, wet;		
		15	CH 13.4-14.0 dk gry slty CLAY w/lt gry cly slt seams, moist		

14 ft. Hole ends in clay

BORING NUMBER: SB-1

PROJECT NAME : CIBA-GEIGY
DATE : 2/25/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGERS

PROJECT NO. : 267-34-1
LOCATION : PARKING LOT
INSPECTOR : STEVENS
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 238.95

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		-	FL ASPHALT, FILL		
1	4.5	-	FL Br f to m SAND, ltl slt, tr f gvl, damp		
2	13	-	FL As above; at 4.3 dk br rd FILL,		
		5-	at 4.9 tr br cly fill, f to c snd, tr cinders		
3	9.5	-	FL Dk yw br f to c SAND, ltl cly slt, wet		
4		-	CH Dk gry br CLAY & SILT, vry		
		10-			

10ft. Hole ends in clay

BORING NUMBER: SB-2

PROJECT NAME : CIBA GEIGY
DATE : 2/26/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : PARKING LOT
INSPECTOR : SIDORENKO
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 238.58

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	7		FL SAND & GRAVEL, some cbls, tr bl fill, moist		
2	9,5		FL Br gry SILT grading to CLAY, some bl fill, tr gvl		
3	9	5	MH Br gry SILT; 7.0-8.0 gry. CH dns CLAY		

8 ft. Hole ends in clay

BORING NUMBER: SB-3

PROJECT NAME : CIBA GEIGY
DATE : 2/25/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : PARKING LOT
INSPECTOR : MUNSEY
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.57

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
			FL ASPHALT; 1.5-2.0 br f to m SAND		
1	5.5		FL Br to dk br f to c SAND & FILL, ltl cly slt, tr f to m gvl, wet		
2	8		FL As above; 4.9-6.0 br or & bl f to c FILL, tr slt, prpl stain, wet		
3	3.5	5	CH As above; 6.4-8.0 lt br & gry slty CLAY, vrv, wet		

8 ft. Hole ends in clay

BORING NUMBER: SB-4

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/26/87
LOCATION : PARKING LOT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.54
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	11		FL Br c SAND; 2.5-4.0 rd br & bl FILL		
2	9.5		FL Lt br c SAND, some gvl		
3	7	5	FL As above; 8.0 CLAY		
			CH		

8 ft. Hole ends in clay

PROJECT NAME :CIBA GEIGY
DATE :2/25/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

BORING NUMBER:SB-5
PROJECT NO. :267-34-1
LOCATION :PARKING LOT
INSPECTOR :MUNSEY
SAMP. METHOD :SPLIT SPOON

SURFACE ELEV.: 246.43
DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		-	FL ASPHALT; 0.5-2.0 br f to c SAND		
1	6	-	FL Or br f to c sub-rnd SAND,ltl f to m gvl,tr slt, moist,qtzose		
2	9	-	FL As above; 4.6-5.0 br SILT,tr cl&f snd; 5.0-6.0 bl to dk br f to m FILL,ltl slt,moist		
3	11.5	5-	SP Or br f to c SAND, tr slt & f gvl, 6.4-6.7 bl, moist		
4	5.5	-	SP Or br to lt gry f to c SAND, tr slt,moist, qtzose		
5	4.5	10-	SP Lt gry to br f to c SAND, tr slt & f gvl, moist		
6	4.5	-	CH Gry CLAY, slt vrvs, ltl f snd, moist		
		15-			

14 ft. Hole ends in clay

BORING NUMBER: SB-6,6A

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/25/87
LOCATION : PARKING LOT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MUNSEY, SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 245.33
DATUM : GROUND LEVEL

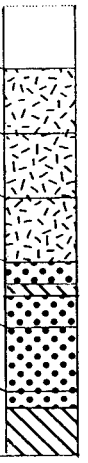
SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			- FL ASPHALT;0.5-2.0 br f to c SAND, ltl f to m gvl, tr slt		
1	2.5		- FL Dr br f to c SAND, tr slt & f gvl, dry to moist, qtzose		
2	9	5	- FL Rd br & bl FILL, moist		
3	5.5		- FL Bl FILL grading to gry CLAY, some br c snd, moist		
4			- SP Br to lt br c SAND, some qtz		
		10	- CH gvl, gry dns CLAY		

10 ft. Hole ends in clay

BORING NUMBER: SB-7

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/26/87
LOCATION : PARKING LOT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 247.17
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
					
1			FL Br CLAY & SAND, some gvl		
2			FL Br m SAND, some cly, c ang gvl		
		5			
3			FL Lt br SAND, some asphalt & cbls		
4			SP Lt br m to c SAND, some gry - CH cl lyrs		
5		10	SP As above, no cl lyrs		
6			SP Lt br SAND; 12.5-14.0 dns gry - CH CLAY		

14 ft. Hole ends in clay

BORING NUMBER: SB-8

PROJECT NAME : CIBA GEIGY
DATE : 2/25/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : PARKING LOT
INSPECTOR : STEVENS
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 246.29

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL ASPHALT; SAND		
1	10		FL Br f SAND, ltl slt & f to m gvl, dry to damp		
2	4.5		FL As above, damp		
		5			
3	6.5		FL As above; 6.2-8.0 dk rd br FILL, lyr cinders, moist		
4	5.5		SP Br f to m SAND, tr slt, moist		
5	7	10	SP Br f to c SAND, tr slt & f gvl, MH crsning down; 11.2-12.0 br cly SILT, vrv, v moist		
6	17		CH Br SILT & CLAY, vrv, damp; at 12.7 is 0.3' lyr f to c snd, sdy cly slt, ltl f gvl, wet		
		15			
7	2.5		CH As above, mtld		

15 ft. Hole ends at rock

BORING NUMBER: SB-9

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/23/87
LOCATION : EMBANKMENT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : COMBES
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.27
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
		0			
			FL 4-6 Poor recovery;few pieces gravel w/grn fill on it		
		5			
1	2.5		FL Gry-bl,rd & grn f to c FILL,tr f to m gvl,moist		
2	1.5		SM Or-br f to c SAND,some slt & cl,slty cl at bottom,moist, wet at bottom		
		10			
3	1		MH Sft gry-br & br CLAY & SILT,ltl f to m SAND,some sdy slt & slty cl lyrs, moist to wet		
4	1.5				
		15	SM Grn-br f SAND & SILT,frm rd-br		
			CH slty CLAY,wet;14.7-16.0 frm gry CLAY,gry-br slt vrvs		

16 ft. Hole ends in clay

PAGE 1 OF 1

BORING NUMBER: SB-10

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/24/87
LOCATION : EMBANKMENT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 217.08
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1		0	FL Sdy loamy TOPSOIL, some fill grading down to br SILT, grading down to gry c SAND; gry CLAY, moist		
2		10	FL Rd br org SOIL, wood frags & some snd & fill		
3		15	FL As above		

16 ft. Hole ends at rock

PROJECT NAME :CIBA GEIGY
DATE :2/25/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

BORING NUMBER:SB-11
PROJECT NO. :267-34-1
LOCATION :EMBANKMENT
INSPECTOR :SIDORENKO
SAMP. METHOD :SPLIT SPOON

SURFACE ELEV.: 215.52

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1		0	FL Br bl org SOIL grading down to rd br CLAY,some fill		
2		5	FL Br org SOIL, many wood frags, some snd & fill,moist		
3		10	FL As above, wet		
4		15	FL Br bl org SOIL,some fill, strong decomp smell		

15.5 ft. Hole ends in fill

PROJECT NAME :CIBA GEIGY
DATE :3/18/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

SURFACE ELEV.: 23/.04

BORING NUMBER:SB-12
PROJECT NO. :267-34-1
LOCATION :EMBANKMENT
INSPECTOR :HOWARD
SAMP. METHOD :SPLIT SPOON

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL 0-4 Crushed stone & riprap		
3	6.5	5	FL Gry crushed stone; 4.2-6.0 br f to m SAND, sdy SILT & CLAY,dry		
4	7		FL Rd br f to m SAND, ltl slt, tr f to m gvl, or stain, dry		
5	9		FL As above, tr cbl frags		
6	5	10	FL As above		
7	11.5		FL As above		
8	5.5	15	FL Br f to m SAND, sdy SILT & CLAY, some grn & br FILL,tr f to m gvl, moist		
9	4		FL As above,more rd,grn & br FILL		
10	0.5		As above		
11	10.5	20	FL As above,some dk rd & grn FILL, wood w/yw specks, cemented sulphur, & concrete, moist		
12	5		FL Dk rd FILL;22.2-24.0 br f SAND & SILT, roots,damp		
13	2	25	FL As above;24.1-25.6 gry cly SILT, MH moist;25.6-26.0 gry slty CLAY, damp		
14	8		CH As above,some cly slt vrvs, tr wood & ?lignite, moist		

28 ft. Hole ends in clay

BORING NUMBER: SB-13,13A

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 3/19/87
LOCATION : EMBANKMENT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.95
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL 0-4 crushed stone		
3	4.5	5	FL Dk br to bl FILL, cbl frag, dry		
4	1.5		FL Dk br to bl FILL, dry		
5	1.5		FL As above		
6	2.5	10	FL As above		
7	2.5		FL As above, tr cbl frag		
8	23.5	15	FL Dk br grn FILL, tr conc frags, dry		
9			FL Rubble		
10	7		FL Dk rd & br FILL, wet; 19.4-20.0 br SILT & CLAY, dk rd FILL, moist		
11	6.5	20	FL Dk rd FILL & cly SILT; 20.2-20.7 CH tn SILT & CLAY, f snd, slt vrvs w/gold (?mica) flakes, wet; 20.7-22.0 tn slty CLAY, reworked, moist		
12	8.5	25	CH As above, clay contorted, some roots, moist		
13	4.5		CH Tn SILT & CLAY; 24.2-26.0 gry CLAY, slty cl vrvs, ?dessic crack w/rd or stain, moist		
14	6.5		CH Gry CLAY, tn slty cl vrvs, all vrvs have rd or stain, moist		

28 ft. Hole ends in clay

PAGE 1 OF 1

PROJECT NAME :CIBA-GEIGY
DATE :3/23/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

BORING NUMBER:SB-14
PROJECT NO. :267-34-1
LOCATION :EMBANKMENT
INSPECTOR :COMBES
SAMP. METHOD :SPLIT SPOON

SURFACE ELEV.: 237.84

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		5	FL Grn-br,or-br & bl f to c FILL, tr cly slt,mica & f to m gvl, ang, blue stain,damp,moist at bottom		
1	3				
2	9	10	CH Sft to frm rd-br slty CLAY, damp,alt w/.08' lyrs of grn-br f sdy slt,mica,wet		
3	4.5		CH Frm dk gry to br slty CLAY, mtld,damp,alt w/br cly SILT, mica,some f snd,wet		
4	9.5	15	CH Frm rd-br & gry-br slty CLAY, mtld,wet,alt w/cly SILT,mica, some f snd,wet		
5	6.5		CH As above		

14 ft. Hole ends in clay

BORING NUMBER: SB-15

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/12/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 235.66
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	7	-	FL Crushed STONE & dk grn FILL, moist; 0.2-1.0 bl cinders, some dk rd FILL; 1.0-2.0 br f to m SAND, ltl slt & f gvl, dry (FILL)		
2	5,5	5-	Poor recovery, tr cl		
3	8	-	CH Rd br slty CLAY, alternating 0.1' thick lyrs of br f SAND & SILT, some rd stain, moist		
4	7	-	CH As above; 6.2-6.8 lyr of f snd & ltl slt; snd has mica flakes, moist		
		10-			

8 ft. Hole ends in clay

BORING NUMBER: SB-16

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/12/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.47
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	6	0	FL Rd,grn & dk rd FILL,slty CLAY, crushed STONE,some f to m snd,		
2	3.5		dry		
3	6.5	5	FL Lt br f to c SAND;3.2-4.0 dk rd f FILL,dry		
4	4		FL Dk rd to br f FILL;4.2-5.5 dk rd & or FILL,dry,wet at bottom		
5	5.5		FL As above;7.6-8.0 dk rd to br FILL,some or,moist		
6	5.5	10	FL As above;9.1-9.6 tn to wh f to m SAND,wh f & bl chunky FILL grading to or c FILL w/crushed stone or gvl, moist,at 8.7 becomes wet		
7	17	15	FL As above, cbl frag, moist		
8	2		FL Gry-grn FILL,f to c SAND,f to c GRAVEL,some dk rd & or FILL, wet		
9	0.5		FL As above, some yw FILL, wet		
10	2.5	20	FL Rd, yw, grn, wh, br FILL, wet; water has multicolored sheen		
11	3		FL No recovery		
			FL Dk rd viscous fluid & multi-		
			CH colored FILL, some snd & gvl,		
		25	fluid has bl oil-like spots;		
			20.8-22.0 gry slty CLAY, some slt & cl lns, vry		

22 ft. Hole ends in clay

BORING NUMBER: SB-17

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/16/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 238.35
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	3	0	FL Lse TOPSOIL & bl & rd FILL, cinders, gvl, pigment, dry		
2	1.5	5	FL As above; 5.8-6.0 sft tn CLAY, lil f gvl, gry flecks, rd stain, vry relics, reworked, wet		
3	2.5		FL Sft rd FILL, wet		
4	1.5		FL As above		
5	2	10	FL As above, but w/grn-gry FILL, moist; frm rd & dk rd FILL, mtld, wet		
6	7		FL As above		
7	1.5		FL As above, but no grn-gry FILL		
8	13	15	FL As above		
9	8		FL As above; 19.1-19.2 sft grn-gry MH SILT some snd, ltl roots, wet		

19.2 ft. Hole ends at rock

BORING NUMBER: SB-18

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/12/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.13
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	27	-	FL Crushed STONE & dk grn f FILL; 1.0-1.5 crushed STONE & dk rd FILL; 1.5-2.0 br f SAND,ltl slt,dry		
2	7	5-	SW Br f SAND, ltl slt,rd stain, moist 1.1-1.2 lyr br f to m SAND,ltl slt		
3	3	-	SW Br f to m SAND,ltl slt,some rd stain,moist;4.9-6.0 rd br &		
		10-	CH gry slty cl,vrvs of lt gry cly slt,moist		
4		-	CH As above		

0 ft. Hole ends in clay

BORING NUMBER: SB-19

PROJECT NAME : CIBA-GEIGY
DATE : 3/17/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 231.26

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1		0	FL Crushed STONE		
2			FL Crushed STONE		
3	8		FL Crushed STONE,some f snd & slt		
4	2	5	FL Dk or,grn & bl FILL,tr tn cl in tip (?fill),moist		
5	4		FL As above;8.8-9.2 dk br f SAND & SILT,roots,moist;9.2-9.3 tn slty CLAY,moist		
6	1.5	10	FL Grn br FILL,moist; 10.3-11.1 tn to br f SAND & SILT,tr cly slt, or stain,wet		
7	1		FL Br f SAND,ltl slt,rd & or stain, wet;12.5-13.6 tn slty CLAY,lt gry slt vrvs,moist		
8	1	15	FL Br f SAND,gry SILT,some tn slty cl,reworked,moist		
9	1.5		FL Gry SILT,wet;16.4-16.8 dk br SILT,roots,moist;16.8-17.3 gry cly SILT,wood frags,moist		
10	3	20	CH Gry CLAY,slty cl & slt vrvs, moist		

20 ft. Hole ends in clay

BORING NUMBER: SB-20

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/19/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : WILDER
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 235.19
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	5.5	0	FL Br f SAND & SILT; 2.5-3.0 bl FILL; 3.0-4.0 rd br, or & bl FILL		
		5			
2	4.5		FL Bl m FILL, some or-rd stain alternating wet & dry intervals (wet in stained areas)		
		10			
3	3		FL As above		
4	2.5		FL As above; 12.4-14.0 gry-grn CH CLAY, tr org, at 12.4 ltl f snd, at 14.0 becomes stf		
		15			
5	3	20	CH Stf gry CLAY		
6	50	25	Bedrock, no recovery		

25 ft. Hole ends at rock

BORING NUMBER: SB-21

PROJECT NAME : CIBA-GEIGY
DATE : 2/18/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 235.89

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL Br bl sand,pebbles & small gravel FILL		
1	8		FL As above;3.5-4.0 SAND w/pbls; 4.0-5.0 bl to rd-bl f FILL		
2		5	FL Gry to bl, some rd FILL,some slt,snd, f gvl		
3			FL Gry CLAY w/rd & bl FILL;8-9 gry CLAY,some orgs,no vrvs, ?reworked		
4		10	CH Frm tn CLAY, slt vrvs		

11 ft. Hole ends in clay

BORING NUMBER: SB-22

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/19/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.29
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1			FL Crushed STONE		
2	7.5		FL M SAND; 2.3-4.0 rd to dk br FILL		
3	6	5	FL Rd to dk br FILL, gry cinders, damp		
4	6.5		FL Dk rd br FILL, wet; 7.5-8.0 gry CH slty CLAY, snd & f to m gvl, lns of cly slt, vrv, moist		
5	1.5		CH As above		
		10			

10 ft. Hole ends in clay

BORING NUMBER: SB-23

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/19/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : GOLDSTEIN
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 233.79
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	11		FL Br grn f SAND & SILT, ltl f to c gvl, dry		
2	8		FL Rd f FILL, dry		
3	10.5	5	FL Br f SAND, tr slt & m gvl, or & yw specks, dry		
4	4.5		FL Br & rd f to m SAND, tr slt & m gvl, dry		
5	2		FL As above; at 9.3 grading to dk rd br, grn, bl & or v f FILL, at		
		10	10.3 grading to yw grn v f SAND, wet; at 10.6 grading to bl f FILL, tr gvl, dry		
6	2		FL Bl & rd v f FILL, dry; at 12.5		
		15	grading to yw grn f SAND, bl stain, wet		
7	2		FL Grn & or v f FILL, wet; grading to bl v f FILL & SAND, rd & grn specks, dry		
8	3	20	FL Bl v f FILL, slt; at 16 grading CH to stf CLAY, wet		

17 ft. Hole ends in clay

BORING NUMBER: SB-24

PROJECT NAME : CIBA-GEIGY
DATE : 2/19/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 235.99

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1		0	FL Crushed STONE		
2	3.5		FL Crushed STONE & GRAVEL w/slty CLAY,dk br cinders in tip,dry		
3	6.5		FL Dk rd br FILL,tr dk or fill, dry		
4	9	5	FL Dk br FILL;7.0-7.5 grn FILL; 7.5-8.0 dk br FILL,damp		
5	1		FL Dk br to bl f FILL,wet		
6	1.5		FL As above, some grn & gry cinders, wet		
7	1	10	FL Dk br f to m FILL,moist		
8			FL Dk br FILL & lt gry CLAY,moist; CH 15-16 lt gry CLAY,moist		
		15			

16 ft. Hole ends in clay

BORING NUMBER: SB-25

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/29/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT & HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.59
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	12		No recovery		
2	13		FL Lse dk or to dk br m FILL, some crushed stone, dry		
3	9	5	FL As above, or fill is chunky & dry, tr lt tn cl globule		
4	5.5		FL As above, no cl globules, damp		
5	4.5		FL Sft rd f FILL, moist, mixed w/ sft bl m FILL, dry		
6	3.5	10	FL As above, tr lse wh f FILL speck		
7	7.5		FL As above, bl & rd FILL, moist		
8	7.5		FL Wood frags w/ sft rd FILL, wet		
9	6	15	FL Sft rd & bl FILL, some grn c fill, wet		
10	14		FL Sft rd & bl FILL, blackened gvl, frm tn cl, wood, odor, wet		
11	20.5	20	FL Sft dk br to bl FILL, some f to c gvl & rd fill, tr cl in tip, wet		
12	23.5		FL As above, tr rock frags		

23.75 ft. Hole ends at rock

BORING NUMBER: SB-27

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 3/22/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.45
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	2	5	FL Lse tn to lt br f SAND,pbls,c gvl,rnd,cbls		
2			FL Lse tn f sdy FILL,pbls		
3	3.5		FL Lse tn to br SILT,f sdy FILL,		
		10	damp		
4	2		FL Sft rd v f FILL,damp		
5			FL Sft v f FILL		
6		15	WOOD,bl water,no recovery		
7			As above		
8			MH Bl SILT,stain wet		
		20			
9			MH As above		
10			SM Frm bl f silty SAND,stain,wet		
11		25	SM Frm dk grn to bl SILT & v f SAND,wet		
12			SM As above		
13			CH Frm gry CLAY		
		30			

30 ft. Hole ends in clay

BORING NUMBER: SB-28

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/16/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.11
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	3.5	0	FL Yw br f SAND,well srtd,rd stain dry;top 0.5 ft. crushed stone		
2	7		FL As above		
3	7		FL As above		
		5			
4	4		FL Frm tn CLAY,ltl f gvl,gry flecks,rd stain,?tar,vry relics reworked,damp		
5	4		FL As above,oil droplets (washing spoons caused sheen on water)		
		10			
6	3		CH V frm,gry CLAY,vry,damp		
7	3.5		CH As above		
		15			

14 ft. Hole ends in clay

BORING NUMBER: SB-29

PROJECT NAME : CIBA-GEIGY
DATE : 3/12/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 239.17

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	6		FL GRAVEL;rd-br slty,sdy FILL		
2	3		FL Tn-or,some rd FILL,some m snd, slt & cly,sticky		
3	1	5	FL Gry FILL,some cly & bl cinders, tr yw pigment,moist		
4	3		FL Gry CLAY w/ang pbls & snd,wet		
5	1.5		FL FILL,ang pbls,wet;9-10 tn CLAY		
		10	CH		
6	2.5		SM Tn SAND & CLAY,pbls & gvl (TILL)		

11 ft. Hole ends at rock

BORING NUMBER: SB-30

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/16/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 238.41
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	30.5		FL Bl,or & grn FILL w/SOIL & yw - br f SAND interlayered & mixed, dry; top 0.5 ft. crushed stone		
2	13.5	5	FL As above;3.5-4.0 yw-br f SAND, dry		
3	9		FL As above;5.8-6.0 stf tn CLAY, ltl gvl,gry flecks,rd stain,vrv relics, reworked,damp		
4	9	10	FL Yw-br f SAND,damp;7.5-8.0 stf tn CLAY,ltl gvl,gry flecks,rd stain,vrv relics,reworked,damp		
5	4		FL As above		
6	0.25		FL As above;11.5-12.0 sft grn br MH SILT,some ang gvl,wet		
7	0.5	15	MH As above		

12.6 ft. Hole ends at rock

BORING NUMBER: SB-31

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/17/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.91
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	9	-	FL Br f SAND,ltl slt,crushed stone,damp		
2	20	-	FL As above;at 2.3 lyr lt gry to wh chunky FILL,damp;2.4-2.7 br f SAND, sdy SILT,bl stain,wet;		
		5-	2.7-3.3 dk br to bl FILL (?cinders),damp		
3	6.5	-	FL Br f SAND,ltl slt;4.3-4.6 dk br f SAND,tr slt & f to m crushed		
		10-	stone;4.6-5.3 br to tn f SAND & SILT,some slty cl,wet		
4	6.5	-	FL Grn to br f SAND,ltl slt,mica, MH rd & or stain,wet;6.7-6.9 tn slty cl		
5	1	15-	MH Br SILT & CLAY,some f snd & f to m subang gvl,wet		
6	3	-	MH As above		

10.7 ft. Hole ends at rock

BORING NUMBER: SB-33

PROJECT NAME : CIBA-GEIGY
DATE : 2/26/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 245.32

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	1.5	0	FL Br f to c SAND,sdy slt;1.5-2.0 br slty CLAY, some f to m snd, moist		
2	3	5	FL Br slty CLAY,ltl f to m gvl (?reworked),moist		
3	1.5		FL As above;4.3-4.9 dk gry f to m SAND & cly SILT,some sft grn fill,ltl f to m gvl;4.9-5.9 br slty CLAY,tr f to m gvl,moist		
4	1.5	10	FL Br slty CLAY,f to m gvl;7.2-7.7 rd br f to m SAND,some slt,rd specks,7.7-8.0 dk gry f to m SAND,cly & slt,ltl f to m gvl, blue specks,wet		
5	4.5	15	FL Br slty CLAY,tr f to m gvl;8.2-CH 9.0 dk gry slty CLAY,some f to m SAND,ltl f to m gvl,sft grn fill;9.0-9.4 rd br slty CLAY, vry,moist		
6	5	20	CH Br slty CLAY;10.3-12.0 gry CLAY, br slt vrvs,moist		
7	7		SP Br f to c gvly SAND,ltl cly slt,wet (TILL)		

14.8 ft. Hole ends at rock

BORING NUMBER: SB-35

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/27/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 256.61
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	3.5		FL Rd br & wh f FILL		
2	1.5		FL Gry br SAND & grn FILL, wet		
3	1	5	FL Gry br CLAY w/snd & gvl, grn tint in places, wet		
4	1.5		FL Gry c SAND w/cl, some wh c fill, wet		
5	16	10	SW Gry SAND w/cl, cbls, wood frags		

12 ft. Hole ends in sand

BORING NUMBER: SB-36

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/24/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 257.89
DATUM : GROUND LEVEL

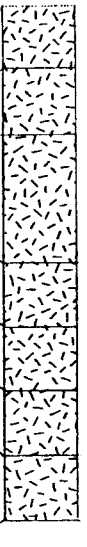
SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	44	0	FL Bl f to c SAND, some slt, oil stain; 1.0-2.0 f to c SAND, ltl f to m gvl, tr slt, damp		
2	11.5		FL As above		
3	2.5	5	FL As above, wood frag; at 4.7 lns dk rd fill		
4	2		FL As above		
5	1		FL No recovery, crushed cbls		
6	0	10	FL As above		
7	9		FL Bl f to c SAND, f to m gvl, wet; 13.6-14.0 as above w/some cl		
8	6		CH Br silty CLAY, some f to m gvl (TILL), wet		
		15			

14.8 ft. Hole ends at rock

BORING NUMBER: SB-37

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/27/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 257.35
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTANINATION	STR.	Well Construction
1	31.5	-	FL SAND & GRAVEL, some cbls & wood frags, dry		
2	5.5	-	FL V lse rd br f to c FILL, wet		
		5-	4-8 No recovery, spoons full of rd br water		
3	7	-	FL Rd br c FILL & GRAVEL slurry, some wood frags, wet		
4	3	10-	FL Rd br c FILL slurry, many wood frags, wet		
5	3	-	FL As above		
6	14	-	FL Gry f FILL, wet; refusal at		
		15-	impenetrable rubbery material (?tire)		

16 ft. Hole ends in fill

BORING NUMBER: SB-38

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/24/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 253.14
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	2.5	0	FL Rd & bl (?oil) c FILL;1.0-2.0 br f to m SAND,ltl slt,tr wood frags		
2	3	5	FL Br f to m SAND,tr slt,at 3.9 tr bl stain		
3	1		FL Br f SAND,ltl slt		
4	0.5		FL As above,6.9-8.0 wet		
5	0.5		FL As above,rd br & bl stain in tip, wet		
6	0.5	10	FL Bl CLAY & SILT,grading down to slty CLAY,tr yw-grn & or specks tr f gvl,wet		
7	4.5		FL As above;12.2-13.5 br & gry slty CLAY,tr wood & roots,small cl lnses,moist		
		15			

13.5 ft. Hole ends at rock

BORING NUMBER: SB-39

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/24/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 258.13
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	50	0	FL Br & bl f to c SAND, some f to m gvl, tr slt, bl oil stain, at 1.0 cbl, dry		
2	11.5		FL As above, 2.3-4.0 dk rd br m FILL, tr sft or f FILL in tip,		
3	0	5	dry		
			FL Bl f FILL, dry & gry c FILL,		
4	0.5		moist; 4.8-6.0 bl f FILL, chunky,		
5	0.5		moist		
6	1.5	10	FL Br m FILL w/or slimey fluid, wet		
			FL Bl & grn m to c FILL, moist		
7	2		FL Or m FILL, blue-bl fluid spots rd specks, wood frags, moist		
8	1		FL As above		
		15	No recovery		

14.8 ft. Hole ends at rock

BORING NUMBER: SB-40

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : '2/23/87
LOCATION : SOUTH WASTE PILE
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH & SIDORENKO
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 269.61
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1			- FL Lt to dk br m sdy FILL,bl-grn stain		
2			- FL As above		
3		5	- FL As above		
4			- FL Sft grn FILL,at 6 ft. lt br sdy lyr,dry		
5			- FL Lt grn & bl FILL,some rd-br fill,moist		
6		10	- FL As above		
7			- FL Sft grn f FILL,plastic		
8		15	- FL As above		
9			- FL Lt br to rd FILL,moist		
10			- FL As above		
11		20	- FL Grn-bl f FILL,wet		
12			- FL As above,at 24 ft. rd fill lyr, wet		
13		25	- FL Bl FILL,wet		

25.5 ft. Hole ends at rock or asphalt liner

BORING NUMBER: SB-41
PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/20/87-2/23/87
LOCATION : SOUTH WASTE PILE
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 275.12
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	2		FL GRAVEL,SOIL,bl FILL,frozen		
2	2		FL Lse tn-grn silty FILL		
3	2	5	FL V sft grn FILL,sdy lyr,wet		
4	2		FL Frm grn-rd br f FILL,moist		
5	3		FL As above		
		10			
6	2		FL Frm grn-br f FILL,moist		
7	2		FL Sft grn-br f FILL,wet		
8	3	15	FL Frm grn f FILL,compact,dry		
9	2		FL Frm grn v f to m FILL		
10	1		FL Sft grn v f FILL,plastic		
		20			
11	1		FL Sft grn f to m FILL		
12	4		FL V sft br v f FILL		
13		25	FL As above;asphalt liner at 28 ft.		
14			FL Sft bl-br FILL,wet		

29.4 ft. Hole ends at rock or asphalt liner

BORING NUMBER: SB-42

PROJECT NAME : CIBA-GEIGY
DATE : 2/19/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : SOUTH WASTE PILE
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 277.54

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1			FL Bl SOIL, frozen		
2			FL Bl & dk rd FILL,dry		
3		5	FL Gry crushed STONE(limest)		
4			FL C grn SAND,wet;6.5-7.5 tn f SAND;7.5-8.0 dns grn f FILL		
5			No recovery,water		
6		10	FL Sft grn FILL,gritty,soupy,wet		
7			FL Dk grn f FILL,sticky,greasy, plastic		
8		15	FL Grn f FILL,sticky		
9			FL As above,at 17 ft. yw pigment		
10			FL As above,ltl rd fill		
11		20	FL As above		
12			FL As above		
13		25	FL As above		
14			FL Grn FILL,some pbls,gritty, soupy,wet		
15			FL Frm grn & rd-br f FILL,dry		
16		30	FL Gry-grn FILL & GRAVEL;at 31 ft. gvl stained bl		

31.1 ft. Hole ends at rock or asphalt liner

BORING NUMBER: SB-43

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/19/87
LOCATION : SOUTH WASTE PILE
CONTRACTOR : CATON ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 280.2
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	14		- FL Bl FILL & SOIL,tn snd,frozen		
2	4		- FL Lse dk grn to or-yw f FILL		
3	9.5	5	- FL Frm bl f FILL,wet;4.5-6.0 tn f to m SAND,stain,dry		
4	3		- FL Lse tn m SAND,stain		
5	1.5		- FL Sft bl-grn f FILL		
6	1	10	- FL As above		
7	2.5		- FL As above,yw pigment at 14 ft.		
8	1	15	- FL Sft grn bl f FILL,wet		
9	1		- FL As above		
10	6		- FL Sft br-grn f FILL		
11	1	20	- FL As above		
12	1		- FL Sft grn sity FILL		
13	1	25	- FL Sft grn f FILL		
14	1		- FL Sft tn-rd br f FILL		
15	1.5		- FL Sft grn f FILL,wet		
16	1	30	- FL Sft grn-rd br,bl f FILL,wet		
17	13		- FL Dry GRAVEL,any,FILL,wet		
18	15	35	- FL As above		
19	8		- MH Frm lt gry SILT & CLAY		

37 ft. Hole ends at rock or asphalt liner

BORING NUMBER: SB-44

PROJECT NAME : CIBA-GEIGY
DATE : 2/11/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : SOUTH WASTE PILE
INSPECTOR : HOBERT & MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 282.18

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	2		- FL Lse dk gry-bl FILL,abundant grn,fewer rd specks,tr cement piece,at 1.5 sdy lyr w/yw specks,dry		
2	4	5	- FL As above		
3	11		- FL As above,fewer specks		
4	3		- FL As above		
5	2		- FL Frm grn to bl f FILL,damp		
		10			
6	1		- FL As above,moist;at 12 bl f FILL, powdery,dry		
7	1		- FL Bl & rd c FILL,moist		
8	4	15	- FL As above		
9	1		- FL As above		
10	1		- FL As above;18.5-20.0 grn-gry m FILL w/or & yw specks,moist		
		20			
11	1		- FL Grn f to m FILL w/or & bl mtling,moist		
12	9		- FL Frm grn v f FILL,moist		
13	5	25	- FL Grn to bl v f FILL,wet		
14	1.5		- FL Grn to rd br FILL w/rd specks		
15	1		- FL Frm rd f to c FILL,damp		
		30			
16	3.5		- FL As above		
17	1		- FL S+L yw to tn f FILL,bl ink-like stain,paper & plastic,wet		
18	9.5	35	- FL Bl f FILL,inky-like,abundant plastic,asphalt,rubble,wet		
19	ref		- FL As above		

36.4 ft. Hole ends at rock or asphalt liner

BORING NUMBER: SB-45

PROJECT NAME : CIBA GEIGY
DATE : 2/6/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : N. WASTE PILE
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 281.36

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	11.5		FL Lse bl f FILL		
2	17		FL Sft bl f FILL w/rd specks		
3	7		FL Lse bl to rd br f to m FILL,		
		5	damp		
4	4		FL As above, frm		
5	3.5		FL Lse rd br f to m FILL, moist		
6	4	10	FL As above		
7	6.5		FL Frm rd to bl m to c FILL,		
			moist		
8	3		FL Lse lt gry to wh FILL,gritty,		
		15	pasty, wet(limest fill)		
9	1.5		FL As above		
10	2		FL Lse wh FILL, wet		
11	29	20	FL Wh FILL, wet (limest fill)		
12			MH Frm lt gry grn SILT: 23.0-23.5		
			SM pbls, ltl snd (TILL),		
			broken rock in tip		

23.5 ft. Hole ends at rock

BORING NUMBER: SB-46

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/10/87
LOCATION : NORTH WASTE PILE
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT & MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 276.79
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	8,5		FL Lse bl & sft rd m FILL,mtld,dry		
2	6		FL As above		
3	2	5	FL As above		
4	4		FL As above		
5	10		FL As above; 9-10 grn CLAY & limest gvl,reworked		
		10			
6	6		FL Frm grn slty CLAY,gvl,reworked, damp,at 10.6 becomes wet;at 11 ft. bl stain snd lns		
7	6		FL Grn-gry cly SILT		
8	2	15	FL Frm grn-gry slty CLAY,gvl,ang, reworked		
9	4.5		FL Slty CLAY,wood,gvl,ang, reworked		
		20			
10	6.5		FL As above		

21.4 ft. Hole ends at rock

BORING NUMBER: SB-47

PROJECT NAME : CIBA GEIGY
PROJECT NO. : 267-34-1
DATE : 2/5/87
LOCATION : N. WASTE PILE
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 280.99
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	3		FL Sft br to bl v f FILL, damp		
2	6		FL Sft br to bl v f FILL, damp, plastic		
3	2	5	FL Sft bl to rd br v f FILL, wet, plastic		
4	2		FL Lse tn to br f sdy FILL		
5	1		FL Sft rd br bl f FILL, wet		
6		10	FL As above		
7	2		FL V sft bl f FILL, wet		
8	2		FL Wood		
9	1.5	15	FL Sft rd br f FILL, wet		
10	6		FL Sft rd br bl f FILL, wet		
11	3	20	FL Sft rd bl f FILL, wet		
12	3		FL Frm rd bl f FILL, wet		
13	4		FL Frm rd br bl f FILL, wet		
14		25	FL As above		

26.5 ft. Hole ends at rock

BORING NUMBER: SB-48

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/11/87
LOCATION : NORTH WASTE PILE
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT & MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 280.5
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	4.5		FL Lse bl & sft rd f to m FILL, dry		
2	1		FL As above		
3	1.5	5	FL As above		
4	1		FL As above		
5	2		FL As above		
		10			
6	1.5		FL As above, damp		
7	2		FL As above		
8	1.5	15	FL As above, wet		
9	2		FL As above		
10	5		FL As above; 19-20 frm grn-gry cly		
		20	MH SILT becoming silty CLAY w/		
			CH depth, wet		
11	13.5		CH As above, silty CLAY, rock frags in tip		

21.5 ft. Hole ends at rock

BORING NUMBER: SB-49

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/23/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 239.99
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1			FL No samples;ASPHALT		
2	2		FL Br f to c SAND,some slt & grn, rd & wh FILL,dry		
3	0.5	5	FL No recovery,auger bringing up grn FILL,wet		
4	4.5		FL Wh FILL,milky,some bl & gry fill,wet		
5	2		FL Gry to wh FILL,tr dk or FILL, wet		
6	3	10	FL Dk or,bl & wh c to chunky FILL,wet		
7	4		FL Bl,wh & dk or c to chunky FILL, tr cbl frags in tip,wet		
8	6		No recovery		
		15			

14.5 ft. Hole ends at rock

BORING NUMBER: SB-50
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/20/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 242.04
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	14.5		FL Br f to m SAND,tr rd stain,dry; 0.6-2.0 br CLAY,SAND, GRAVEL,yw fill in tip, dry		
2	7		FL As above;3.0-4.0 bl c FILL,dry		
3	2.5	5	FL As above grading to dk rd m FILL,dry		
4	1.5		FL Dk rd & lt gry to wh FILL, alternating lns .05 to .10 ft. thick,dry		
5	1.5	10	FL Dk rd to br m FILL,dry		
6	0		FL Dk or br to dk rd m FILL,wet		
7	0.5		FL As above,moist		
8	0		FL As above,wet		
9	6	15	FL As above,some grn-wh f FILL; 17.5-18.0 dk grn FILL,fibers, some limest chips in tip,wet		
10	17		CH CLAY & limest frags		

19 ft. Hole ends at rock

BORING NUMBER: SB-51

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/19/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 242.6
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL Bl & rd f FILL		
1	10		FL Sft rd & br to bl m FILL, bl		
			fill is dry, rd is wet		
2	1		FL Sft rd FILL, some snd & slt,		
		5	moist in spots		
3	1		FL Sft rd FILL, wet; 7-8 tn to or		
			SW f SAND, stain, wet		
4	2.5		SW Br-or f SAND, crsning down to f		
		10	CH to m; 9.7-11.0 br CLAY, vry		

11 ft. Hole ends in clay

BORING NUMBER: SB-S2

PROJECT NAME : CIBA-GEIGY
DATE : 2/19/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.55

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1		0	No sample; ASPHALT		
2	2		FL Dk rd-or FILL, some br m to c fill, tr wh fill		
3	0.5		FL Dk rd-or FILL, wet		
		5			
4	1.5		FL As above, yw fill in tip, wet		
5	1		FL As above; 9.0-10.0 br m to c SAND, wet		
6	6	10	FL Br to rd FILL mixed w/f to c SAND, damp		
7	29		FL Dk rd c FILL fining down, moist		
8	12		FL As above		
		15			
9	9		FL Dk rd m FILL; 17.6-17.7 dk grn-br FILL, wet, water has multi-colored sheen		

17.7 ft. Hole ends at rock

BORING NUMBER: SB-53
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/25/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.18
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1		0	FL No sample; ASPHALT; br f to m SAND, some slt		
2	7.5		FL Bl f to m SAND, some slt; 2.4-3.0 br f to c SAND, ltl slt, 3.0-4.0 dk br f to m SAND, ltl slt, tr f to m gvl, dry		
3	3	5	FL Dk br m to c FILL; 5.4-6.0 br. f SAND, ltl slt, dry		
4	2		SM Br f SAND, some slt, grading to br f to m SAND, ltl slt, moist		
5	2.5	10	SM Br f SAND, some slt, wet		
6	7		SM Br f to c SAND, ltl slt, fining CH up, some bl & rd staining 10.9-11.0; 11.0-12.0 lyrs slty CLAY & sdy SILT, wet		
7	4	15	SM F SAND, some slt; 12.4-14.0 br CH slty CLAY, vrv, moist		

14 ft. Hole ends in clay

BORING NUMBER: SB-54

PROJECT NAME : CIBA-GEIGY
DATE : 2/20/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : AROUND BLDG 56
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.2

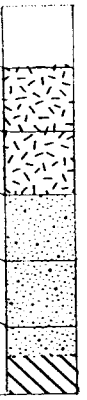
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
2	4		No recovery		
3	1.5	5	FL Dk rd m FILL, moist		
4	1		No recovery		
5	1.5		SM Yw to lt br f SAND, some slt, wet		
6	1.5	10	SM As above; 11-12 gry-br slty CH CLAY, moist to wet		
7	1.5		CH As above, wet		

13 ft. Hole ends at rock

BORING NUMBER:SB-55
PROJECT NAME :CIBA-GEIGY
PROJECT NO. :267-34-1
DATE :2/18/87
LOCATION :AROUND BLDG 56
CONTRACTOR :CATOH ENVIRONMENTAL
INSPECTOR :MURTAUGH
DRILL. METHOD:HOLLOW STEM AUGER
SAMP. METHOD :SPLIT SPOON

SURFACE ELEV.: 239.6
DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
					
1	11		FL Dns rd-br to rd-bl FILL,cinders 3.7 to 4.0 ft,damp		
2	5	5	FL Lse tn to yw f SAND,cinders at 4 ft.,damp		
3	3		SW V lse rd-or f SAND,stain,bl at 7.0-7.5;at 7 ft. becomes wet		
4	12		SW Lse SAND,wet		
5	6.5	10	SW Tn f to m SAND,wet;11-12 frm CH gry CLAY,f snd vrvs,wet		

12 ft. Hole ends in clay

BORING NUMBER: SB-56

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/24/87
LOCATION : AROUND BLDG 56
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : STEVENS
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 236.58
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	21		FL Dk br f to c SAND,ltl f to m gvl,tr slt;concrete,frozen		
2	6.5		FL As above;2.1-4.0 CLAY & SILT w/ seams of bl,grn,rd & wh FILL, moist		
		5			
3	4.5		FL Dk br f to c SAND,ltl f to m gvl,tr cly slt,mtld grn,yw & or,damp		
4	3		FL As above,wh ash,moist		
5	0	10	FL Grn metallic FILL;8.9-9.2 br f SW SAND,ltl slt;9.2-10.0 br slty CL CLAY,wet		
6	0		CL As above,lyr f SAND;10.3-12.0 CLAY,vrv,slty parts,wet		
7	3	15	CH Br slty CLAY,vrv,cly slt parts, moist to wet		

14 ft. Hole ends in clay

BORING NUMBER: SB-58

PROJECT NAME : CIBA-GEIGY
DATE : 3/17/78
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : HOWARD
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 238.11

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1			FL No sample; crushed STONE		
2	8.5		FL Br, wh, grn, yw, some rd FILL, dry		
3	0	5	SM Br-or f SAND, some slt, rd & or stain, mica, wet		
4	3.5		SW Br-or f SAND, ltl slt, rd stain, mica, wet		
5	7.5		SW Yw-or f SAND, tr slt, rd, or & bl stain, mica, wet		
		10			
6	3.5		SW As above, wet; 10.5-12.0 tn slty CH CLAY, lt gry slt lyrs, vry, moist		
7	3		CH As above		
8	3		CH Dk gry slty CLAY, lt gry cly slt vrys, moist		
		15			

18 ft. Hole ends in clay

BORING NUMBER: SB-59

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/10/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 136.50
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	4		FL Rd br f SAND,ltl slt,upper .1 ft. org,tr roots,damp		
2	2.5		FL As above		
3	6		FL Br f to m SAND,ltl slt,2 lyrs rd fill .05 ft. thick,moist		
4	15	5	SP Br f to c SAND,wet		
5	1.5		CH Gry slty CLAY,tr f gvl,f to m snd & cly slt lyrs,vrvs,moist		
6	2.5		CH Gry slty CLAY,tr c gvl, f to c snd lyr at top,moist		
7	1.5	10	CH As above		
8	2.5		CH As above,2 lyrs f snd,vrv,moist to wet		
9	1.5		CH Gry CLAY,br slty cl lns,vrv, moist to wet		
10		15			
11	3		CH As above,moist		
12	7	20	SW Gry c SAND,f to c gvl,moist (FILL)		

24 ft. Hole ends at rock

BORING NUMBER: SB-60

PROJECT NAME : CIBA-GEIGY
DATE : 2/13/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : HOBERT, MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 237.3

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	14	0	FL Sft rd & bl FILL,lse yw to br f to m SAND,charcoal pieces,dry		
2	5.5	0	SW Lse grn-tn v f to f SAND,well srtd,wet		
		5			
3	4.5	0	SW Lse grn-gry m to c SAND,well srtd,wet		
		10			
4	4	0	SW As above,bl stain:14.2-16.0 sft		
		15	CH gry CLAY,slt vrvs,moist		
5	2	0	CH As above,slt vrvs rd-br;at 19 ft. 2 in. snd lyr w/some f sub-rnd gvl,moist		
		20			

22.5 ft. Hole ends at rock

BORING NUMBER: SB-61

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/18/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : WILDER
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.2
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		0			
1	4		FL F to c SAND,some slt & gvl,rd-br,gry bl & wh FILL,cinders, ash,dry;2.5-3.0,wet		
2	1	5	FL As above;5.9-6.0 yw-grn v f to SW m SAND,wet		
3	4.5		SW As above		
4	4.5		SW As above,but m		
5	4.5	10	SW As above,but c;11.0-12.0 stf CH gry-grn CLAY		

12 ft. Hole ends in clay

PROJECT NAME :CIBA-GEIGY
DATE :2/17/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

BORING NUMBER:SB-62
PROJECT NO. :267-34-1
LOCATION :INCINERATION AREA
INSPECTOR :MURTAUGH
SAMP. METHOD :SPLIT SPOON

SURFACE ELEV.: 241.8

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL Lse tn rd br SILT & SAND		
1	13		FL Lse bl & rd f slty FILL, moist		
		5			
2	4		SW 9-10 Yw,tn & rd m to c SAND,wet		
		10	CH 10-11 Tn gry slty CLAY, slty lyrs, dry		

11 ft. Hole ends in clay

BORING NUMBER: SB-63

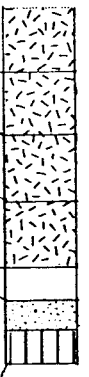
PROJECT NAME : CIBA-GEIGY
DATE : 2/17/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240.7

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			FL Lse tn br SILT & SAND		
1	1		FL S+t rd f FILL, wet		
		5			
2	1		FL As above		
3			SW Lse tn br f SAND, grnish tint,		
		10	MH well srtd, wet;		
			10-11 Lt br gry SILT, cl lyrs, grnish tint		



11 ft. Hole ends in silt

PROJECT NAME :CIBA-GEIGY
DATE :2/17/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

SURFACE ELEV.: 239.76

BORING NUMBER:SB-64
PROJECT NO. :267-34-1
LOCATION :INCINERATION AREA
INSPECTOR :MURTAUGH
SAMP. METHOD :SPLIT SPOON

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			- Pl Lse dk br-bl TOPSOIL, org		
1	5		- FL Lse gry cly SILT & SAND & rd & bl FILL		
		5			
2	10		- FL Lse rd br FILL mixed w/cl & SW snd at 8.5; 8.5-10.0 lse yw f SAND well srtd,rd stain,wet		
		10			
3	14		- SW Lse yw f SAND, crsning down, CH wet; 11.8-12.0 frm gry slty CLAY		

12 ft. Hole ends in clay

BORING NUMBER: SB-65
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/13/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 240
DATUM : GROUND LEVEL

SAMPLE			SOIL DESCRIPTION		
No.	N-Value	Depth (ft.)	Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	5.5		FL Yw to br f to m SAND, some slt, fill & ang & rnd gvl, frozen		
2	4.5		FL Sft rd & bl FILL w/yw to br f to m SAND, some slt, moist		
3	2.5	5	FL As above, frozen		
4	9		SM Yw to br f to m SAND, some slt, well srtd, rd stain, moist		
5	8.5		SM As above, wet; 9.2-10.0 stf gry		
		10	CH CLAY, slt vrvs, moist		
6	3.5		CH As above		

12 ft. Hole ends in clay

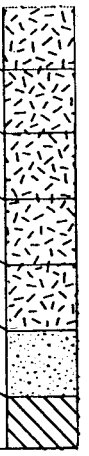
BORING NUMBER: SB-66

PROJECT NAME : CIBA-GEIGY
DATE : 2/17/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 241.1

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
					
1			FL Sft rd bl f FILL		
2			FL Sft rd br f FILL		
		5			
3			FL As above, wet		
4			FL As above, wet		
5		10	SW Sft grn gry slty SAND, wet		
6			CH Sft gry SILT & slty CLAY; 12.5-13.5 frm gry slty CLAY		

13.5 ft. Hole ends at rock

BORING NUMBER: SB-67
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/18/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : WILDER
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 242.0
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	2.5	0	FL SAND, GRAVEL & grn br bl & gry FILL,dry;2.5-4.0 rd & bl f FILL,wet		
2	0	5	FL As above,org;5.5-10.0 gry-grn SW v f to f SAND,ltl slt, rd-br stain		
3	1	10	SW As above,crsning down;11.5-12.0 CH gry-grn CLAY,tr f snd,wood frags,stfer at bottom		

12 ft. Hole ends in clay

BORING NUMBER: SB-68

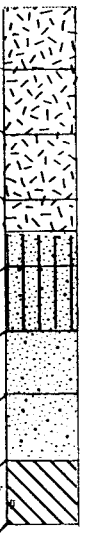
PROJECT NAME : CIBA-GEIGY
DATE : 2/12/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : INCINERATION AREA
INSPECTOR : MURTAUGH
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 242.5

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	14.5		FL Lse tn gry SILT, f to m SAND		
2	7		FL Sft rd br m FILL, wet		
3	3.5		No recovery		
		5			
4	1		FL V sft br rd f FILL wet; 7.0- SM 8.0 lse tn,yw & rd SILT & f SAND,rd stain, wet		
5	5		SM Lse tn rd v f slty SAND ,rd stain, wet		
		10			
6	17		SW Lse tn f to m SAND, rd stain, wet		
7	7		SW Lse tn m SAND, well srtd, grnish tint, wet		
8	1.5	15	CH As above; 14.5-16.0 frm gry CLAY slty vry, wet		



16 ft. Hole ends in clay

BORING NUMBER: SB-69

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/18/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : WILDER
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 244
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	4.5	5	FL V f to c SAND & GRAVEL, abundant orgs, some slt, grn, gry & br FILL dry; 3.75-4.0 rd br f to c FILL, wet		
2	4		FL As above; 8.1-10.0 grn f to m SW SAND, mod srtd, rd stain		
3	1.5	10	SW As above, no rd stain		
4	2		SW As above, crsning down to gvl CH & snd; 12.5-14.0 stf grn to grn-blue CLAY, ltl snd at top		
		15			

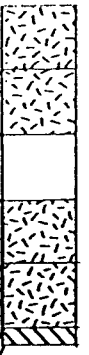
14 ft. Hole ends in clay

BORING NUMBER: SB-71

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/17/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : GOLDSTEIN
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 242.3
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	8		FL GRAVEL;0.3-1.5 f to m SAND, tr gvl;1.5-2.0 rd f FILL,damp		
2	4		FL As above,wet		
3	1.3	5	No recovery		
4	2		FL Rd f FILL,at 7.5 grading to yw f to m SAND,wet		
5	3.5		FL Yw-grn SILT,some cl,tr m gvl, brick frags;9-10 slty CLAY, brick frag,wet		
6	ref	10	CH Yw-grn slty CLAY		



10.5 ft. Hole ends at rock

PROJECT NAME :CIBA-GEIGY
DATE :2/17/87
CONTRACTOR :CATOH ENVIRONMENTAL
DRILL. METHOD:HOLLOW STEM AUGER

SURFACE ELEV.: 244.0

BORING NUMBER:SB-72
PROJECT NO. :267-34-1
LOCATION :INCINERATION AREA
INSPECTOR :GOLDSTEIN
SAMP. METHOD :SPLIT SPOON

DATUM :GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	25.5		FL GRAVEL grading down to rd f FILL,tr gvl,moist		
2	4		FL Rd & bl f FILL,wet		
3	1.5	5	FL As above		
4	6	10	FL Rd f FILL,grading down to yw- SW grn f to m SAND,grading down to CH dns gry CLAY,wet		
5	ref		CH Slty CLAY,tr gvl		

12.5 ft. Hole ends at rock

BORING NUMBER: SB-73

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/17/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : WILDER
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 244.7
DATUM : GROUND LEVEL

SAMPLE			SOIL DESCRIPTION		
No.	N-Value	Depth (ft.)	Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	25.5	-	FL Gry,br & bl m to c FILL,some gvl,dry;1.8-2.0 rd br & bl m FILL,v f SAND & ltl cl, laminated,colors as above,wet		
2	3	5-	FL As above		
3	1.5	-	FL As above		
4	1	-	FL As above		
5	2	-	FL As above;8.5-10.0 grn v f to m SW SAND		
6	2.5	10-	SW As above;10.5-12.0 grn CLAY, CH ltl br mtling,moist to dry at bottom of spoon		

12 ft. Hole ends in clay

BORING NUMBER: SB-76
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/12/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 249.1
DATUM : GROUND LEVEL

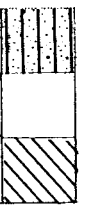
SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	2	-	SW Lse f SAND; 0.5-2.0 frm gry CH slty CLAY		
2	2	-	CH Frm gry slty CLAY		
		5-			

4ft. Hole ends in clay

BORING NUMBER: SB-77

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/12/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOBERT & HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 257.4
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	3	0	SM Lse f SAND & SILT, tr roots, damp		
			0.5-2.0 lse br f to c SAND, some slt, tr f to m gvl, damp		
2	5		CH Br slty CLAY, cly slt vrvs, damp		
		5			

6 ft. Hole ends in clay

BORING NUMBER: SB-78

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/19/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 256.2
DATUM : GROUND LEVEL

SAMPLE			SOIL DESCRIPTION		
No.	N-Value	Depth (ft.)	Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			SM Lse br SAND & SILT,org,damp		
1			SW Tn f to m SAND;4-5 frm tn-gry		
			MH SILT & cly slt,damp;at 5 ft.		
		5	CH gry slty CLAY,damp		

5 ft. Hole ends in clay

BORING NUMBER: SB-79
PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 2/12/87
LOCATION : INCINERATION AREA
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : MURTAUGH
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 257.9
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
1	4	0	SW Lse br slty TOPSOIL; 1.0-2.0 lse yw v f SAND w/slt, damp		
2	5.5	5	SW Lse yw f SAND, moist		
3	3.5	10	SW Lse yw f SAND, moist; 10.0-11.0 CH frm gry CLAY w/slty lyrs, at 11.0 v f gry snd		

11 ft. Hole ends in clay

BORING NUMBER: SB-85

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/23/87
LOCATION : PARKING LOT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : COMBES
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 244.27
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures, moisture, other, CONTAMINATION	STR.	Well Construction
1	7	0	FL Gry-bl m to c GRAVEL,ang & f to c SAND,tr cly slt,wet;2.7-4.0 bl c FILL,wood frag,wet		
2	10	5	FL Gry & br f to c SAND,some m gvl,ang,tr cly slt,or-br & bl f to c FILL,wet		
3	21		FL Or-br f to c FILL,bl mtling,wet		
4	2.5		SP Yw-br & gry-br f to c SAND,wet, 8.6-10.0 sft to frm gry slty		
		10	CH CLAY, vry,wet		
5	3.5		CH As above		

12 ft. Hole ends in clay

BORING NUMBER: SB-86

PROJECT NAME : CIBA-GEIGY
DATE : 3/24/87
CONTRACTOR : CATOH ENVIRONMENTAL
DRILL. METHOD: HOLLOW STEM AUGER

PROJECT NO. : 267-34-1
LOCATION : PARKING LOT
INSPECTOR : COMBES
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 243.5

DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
			ASPHALT; crushed STONE		
1	9.5		FL Lt br f to m SAND, moist: 1.4-3.0		
			dk gry to gry f to m GRAVEL, some f to c SAND, tr cly slt, moist		
		5			
2	11.5		FL As above; at 3.3 bl m to c FILL lyr .08' thick; at 3.4 rd-gry & SW bl f to c FILL lyr .5 thick; bottom lt br f to m SAND, rd stain, wet		

5 ft. Hole ends in sand

BORING NUMBER: SB-87

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 3/24/87
LOCATION : PARKING LOT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : COMBES
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 246.19
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		-	ASPHALT		
1	6	-	FL Lt br,gry br f to c SAND,or; FILL,damp		
2	11.5	-	FL As above		
		5-			
3	11	-	FL Bl,gry,rd & yw m to c FILL, cinders,?metal shavings,damp		
4	4	-	FL Bl,gry,rd & yw m to c FILL,tr f gvl,damp;8.6-10.0 frm grn-gry bl-rd f FILL, ltl f to m SAND, damp		
		10-			
5	6	-	FL Bl,gry & lt br f to c FILL,tr cly slt,wet		
6	1.5	-	FL Dk gry & br f to c SAND,some slt & cl,ltl m gvl		
		15-			
7	5.5	-	FL Stf rd-br,grn & yw FILL,mtld, damp		
8	4	-	SP Br f to c SAND,tr cly slt,wet		

16.5 ft. Hole ends at rock

BORING NUMBER: SB-88

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 4/1/87
LOCATION : PARKING LOT
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 254.01
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		0	ASPHALT;no sample		
1	5	5	FL Poor recovery;tr f to m SAND in tip,wet		
2	6.5		FL Br f to c SAND,ltl slt,tr f to m gvl & fill,wet;6.5-8.0 br to tn SILT & CLAY,some slt seams, moist		
		10	MH Tn & gry SILT & CLAY,disturbed CH vrvs,moist		
3	4				

10 ft. Hole ends in clay

BORING NUMBER: SB-89

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 4/3/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 258.55
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		5			
1	4.5		FL Br,gry & wh c FILL w/dk gry f to c SAND,ltl slt,wet		
2	3		FL As above;8.5-9.0 as above,but finer,wet		
		10			
3	1		FL As above;11.2-11.7 dk or m FILL;11.7-13.0 dk br to bl m FILL,wet		
		15			

14.5 ft. Hole ends at rock

BORING NUMBER: SB-90

PROJECT NAME : CIBA-GEIGY
PROJECT NO. : 267-34-1
DATE : 4/3/87
LOCATION : SOUTH OF BLDG 49
CONTRACTOR : CATOH ENVIRONMENTAL
INSPECTOR : HOWARD
DRILL. METHOD: HOLLOW STEM AUGER
SAMP. METHOD : SPLIT SPOON

SURFACE ELEV.: 258.17
DATUM : GROUND LEVEL

SAMPLE No.	N-Value	Depth (ft.)	SOIL DESCRIPTION: Density, color, SOIL, admixtures moisture, other, CONTAMINATION	STR.	Well Construction
		5			
1	2.5		No recovery		
2	5.5		FL Rd-or m FILL,some f,ltl cl globules,some chunky & dry,		
		10	some wet w/blue hydrocarbon sheen		
3	4.5		FL Dk or to dk rd FILL w/strong hydrocarbon sheen;11-12 gry		
			CH SILT & CLAY,some f to m gvl,		
		15	ltl f to c snd		
4	12		CH As above		

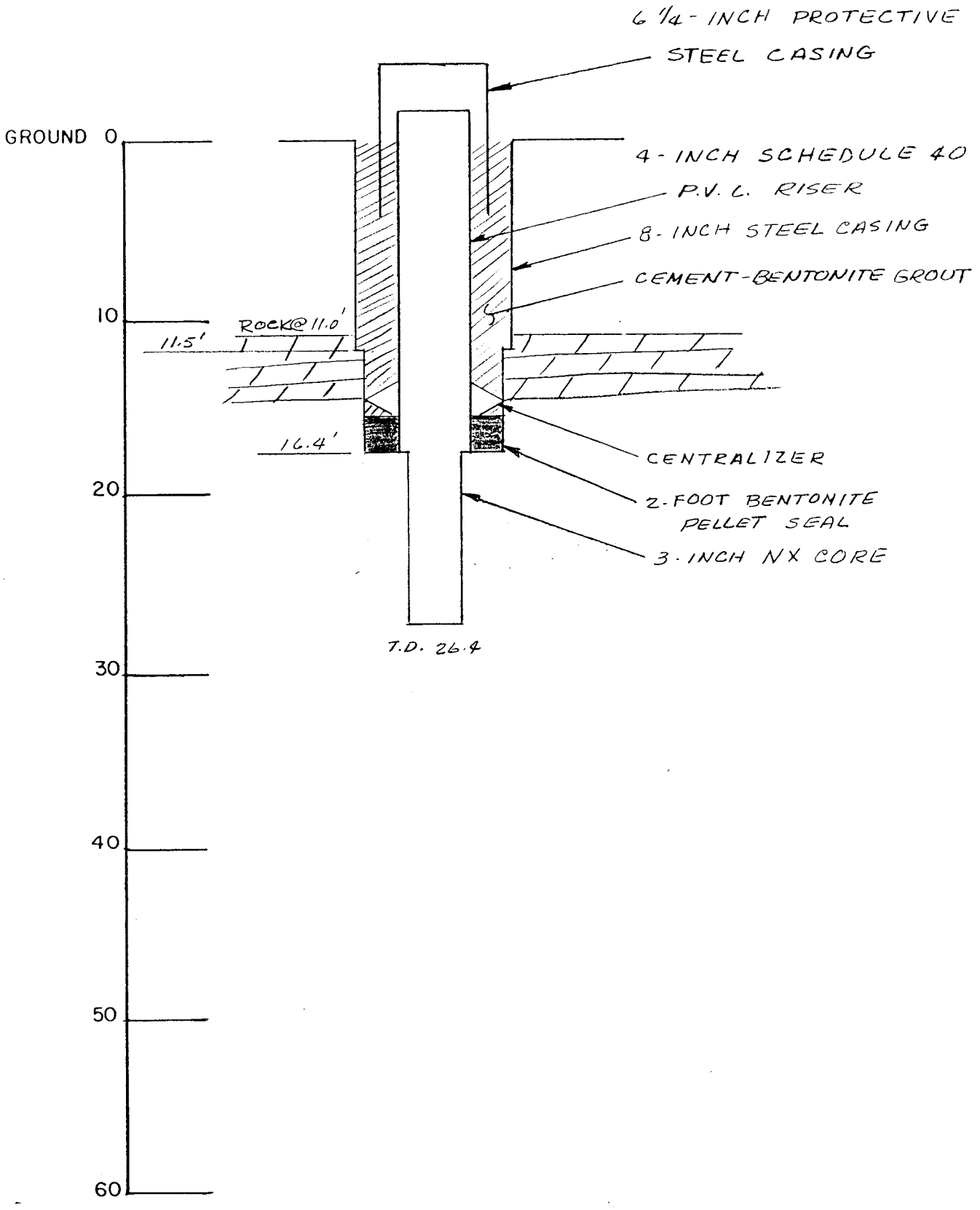
13 ft. Hole ends at rock

APPENDIX IV

WELL CONSTRUCTION DETAILS

MALCOLM PIRNIE

M.W. NO. 17 S



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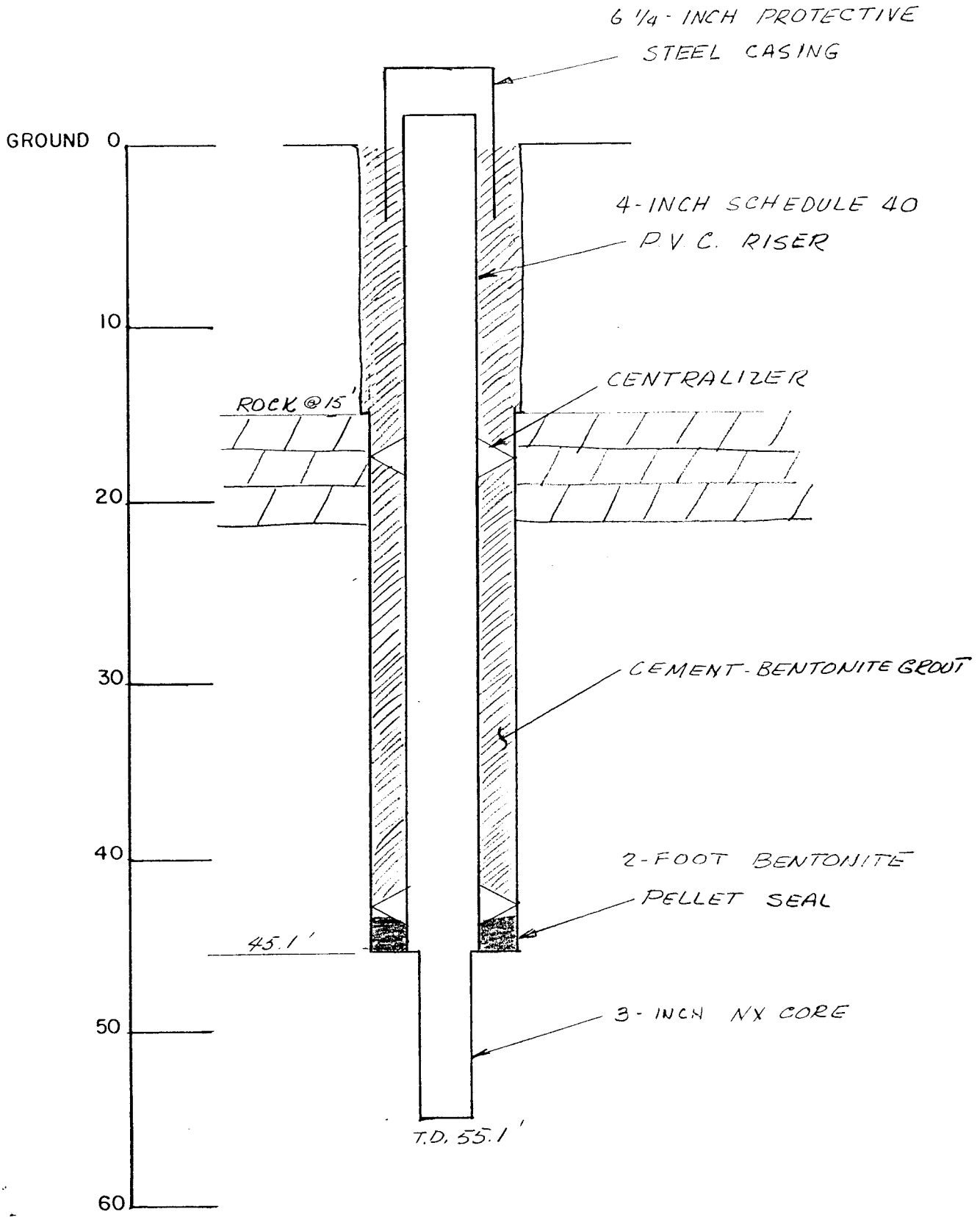

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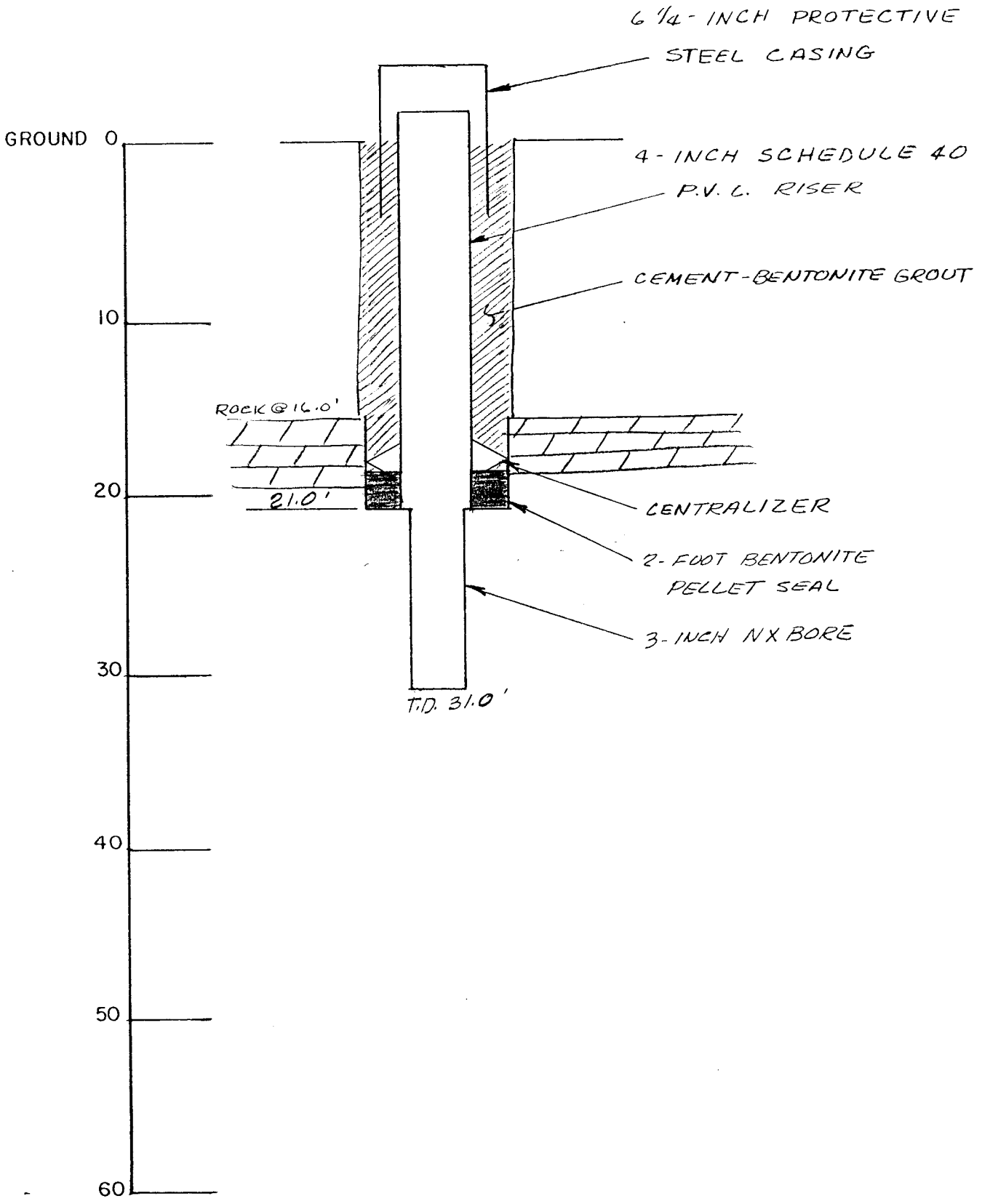

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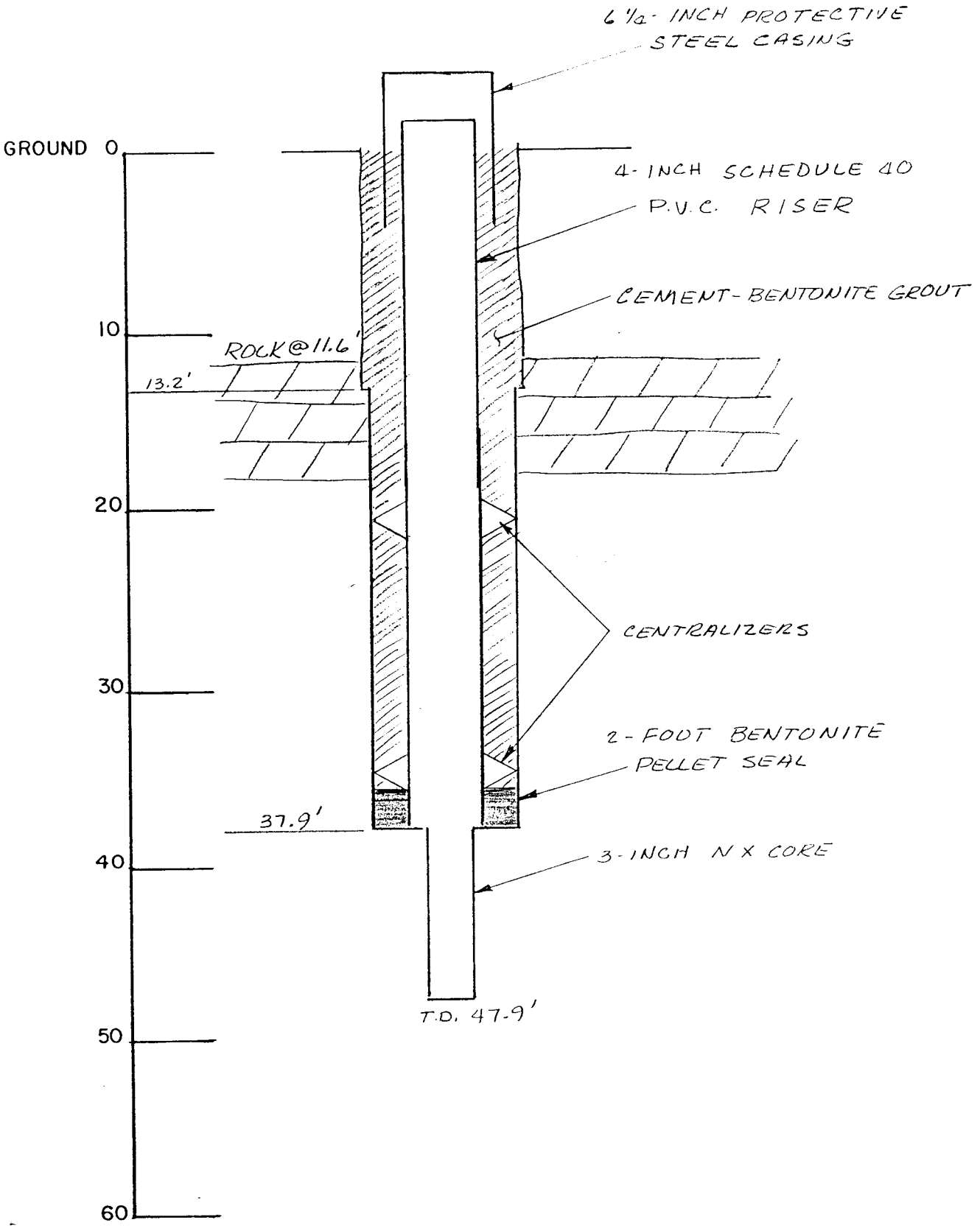

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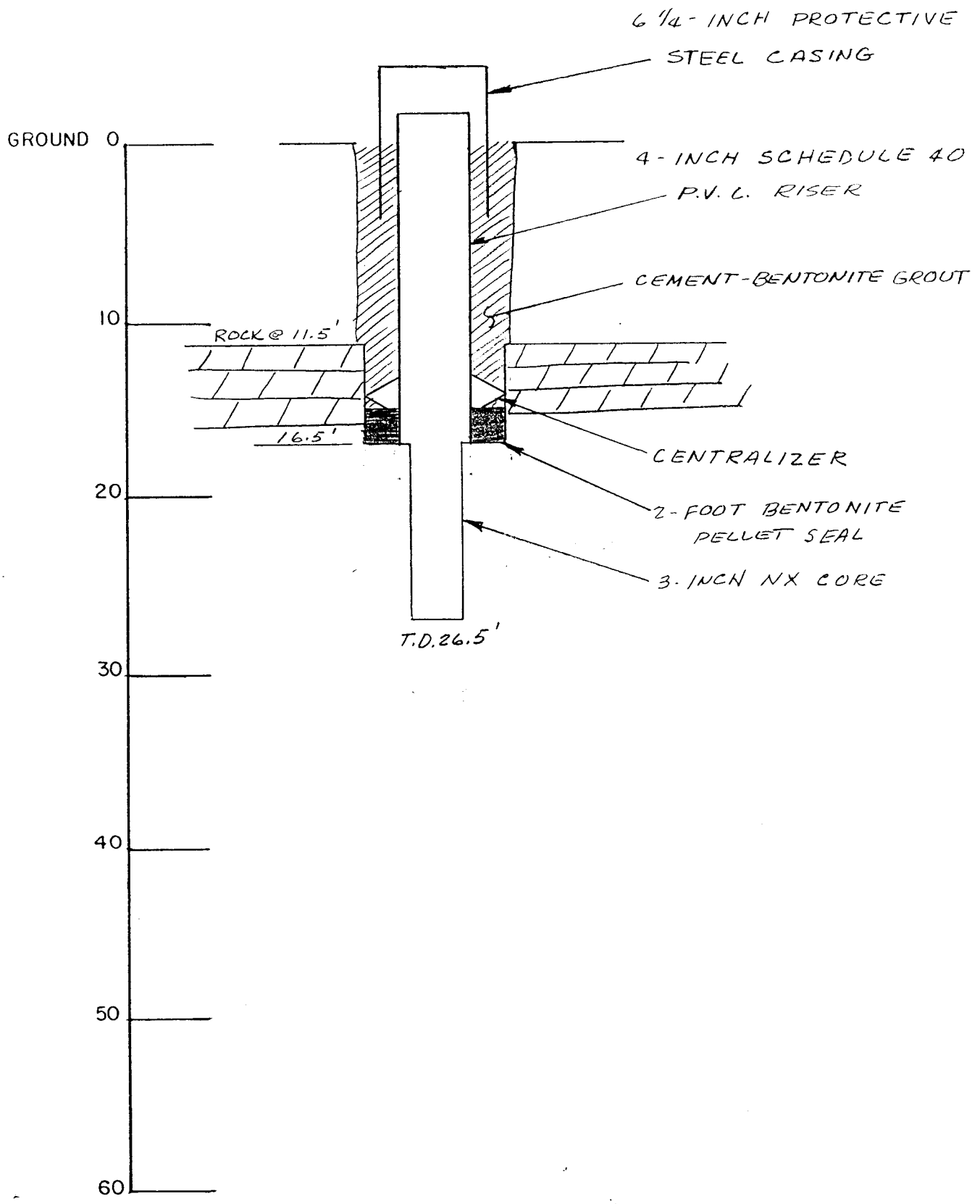

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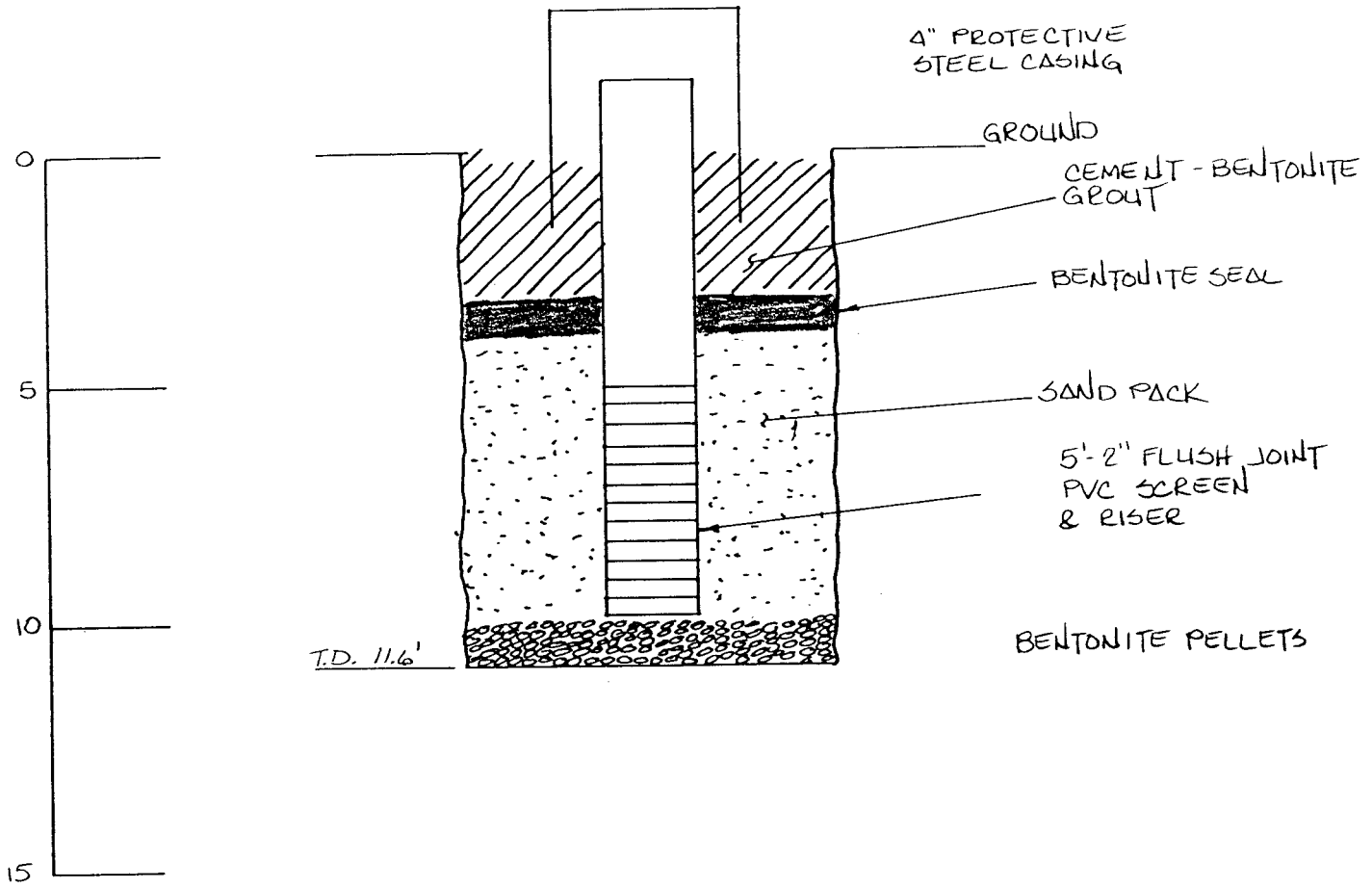

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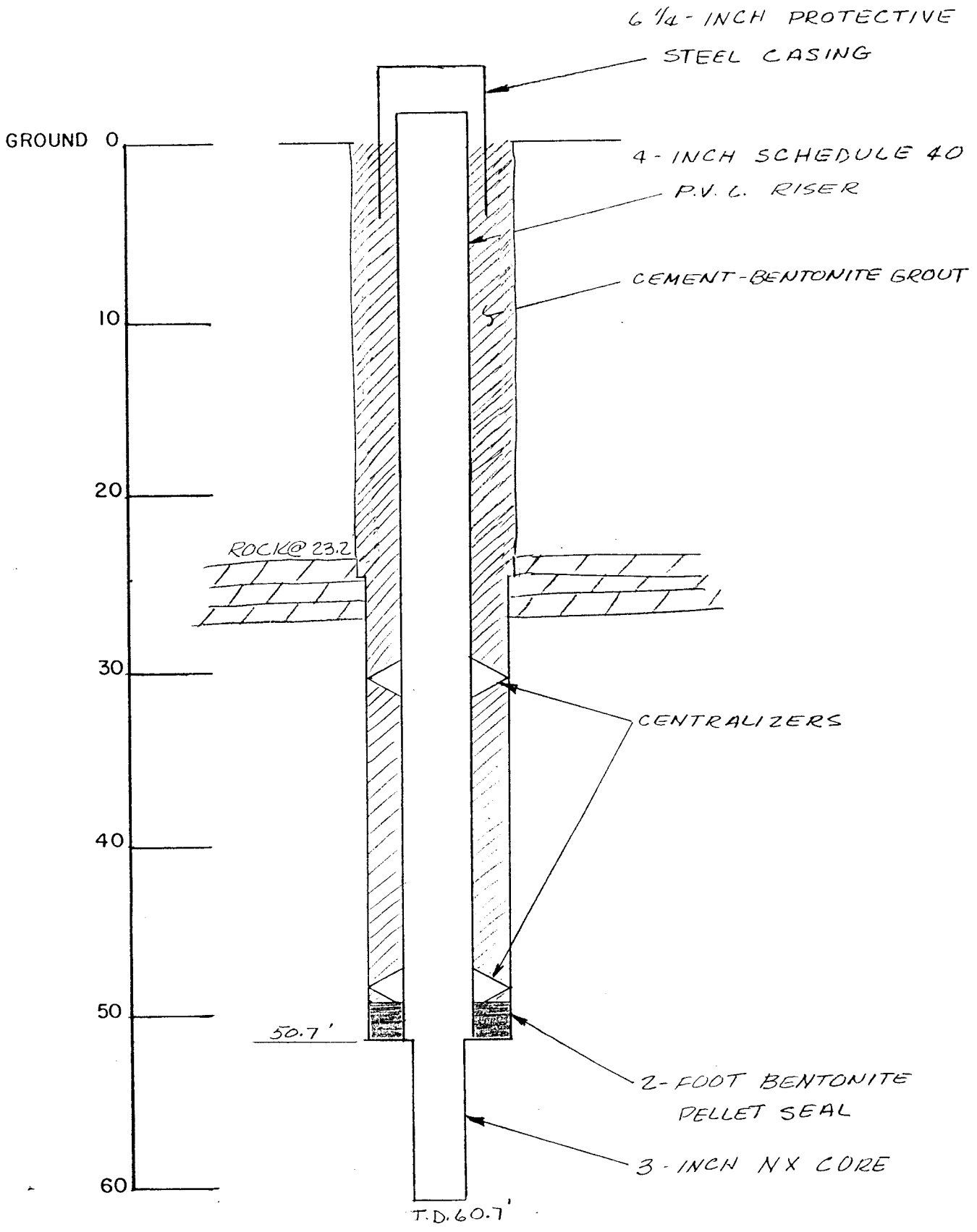

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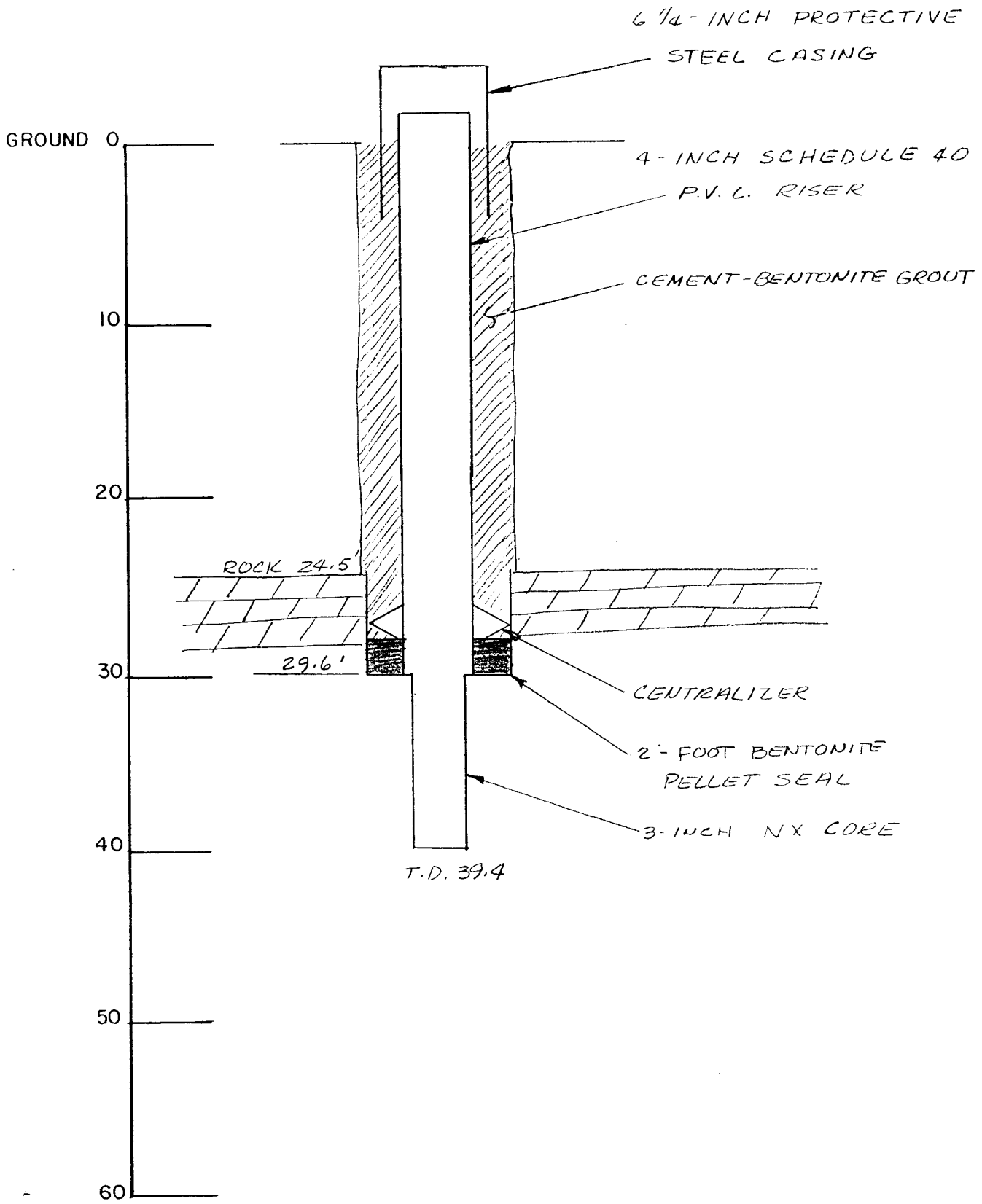

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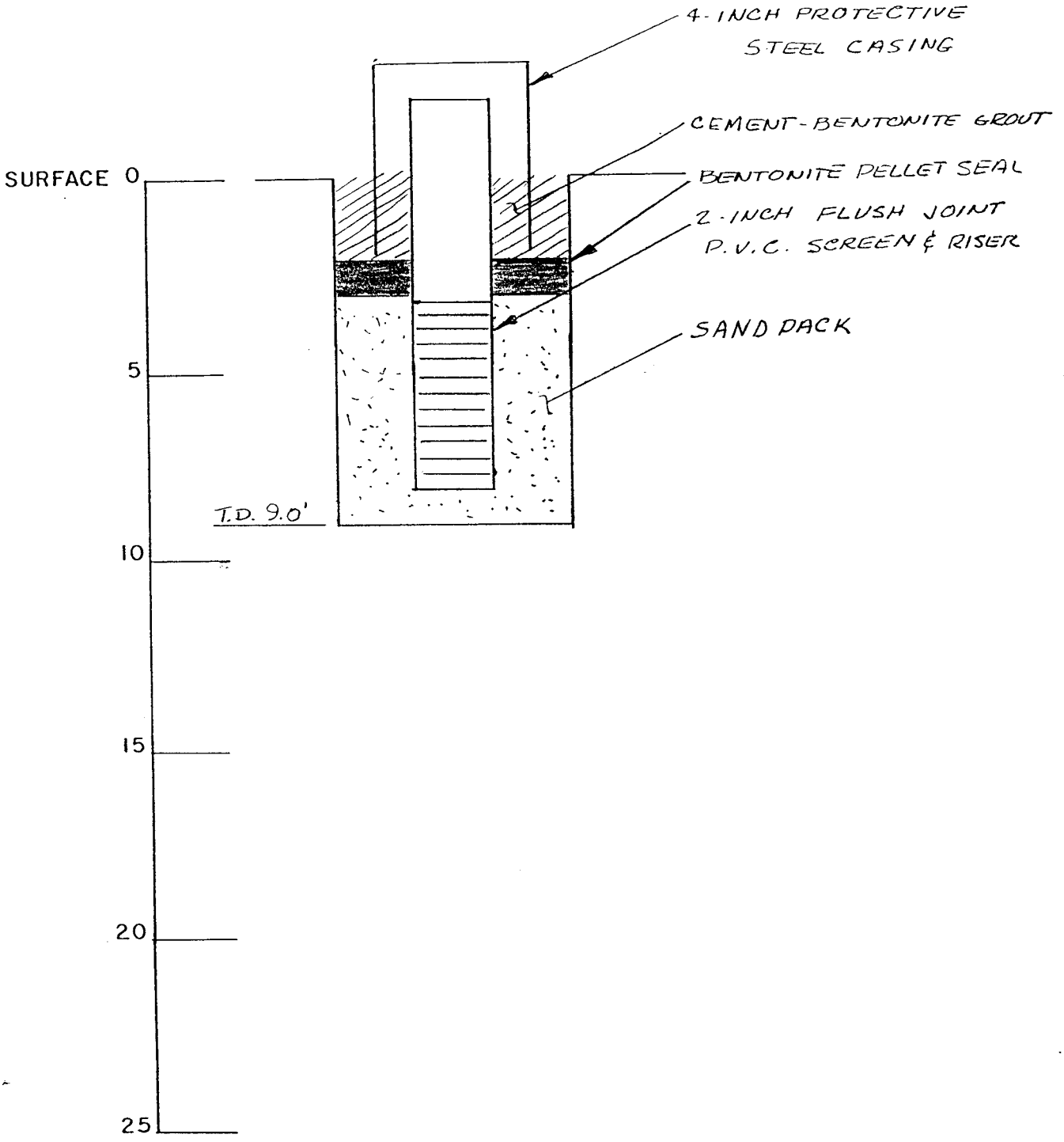

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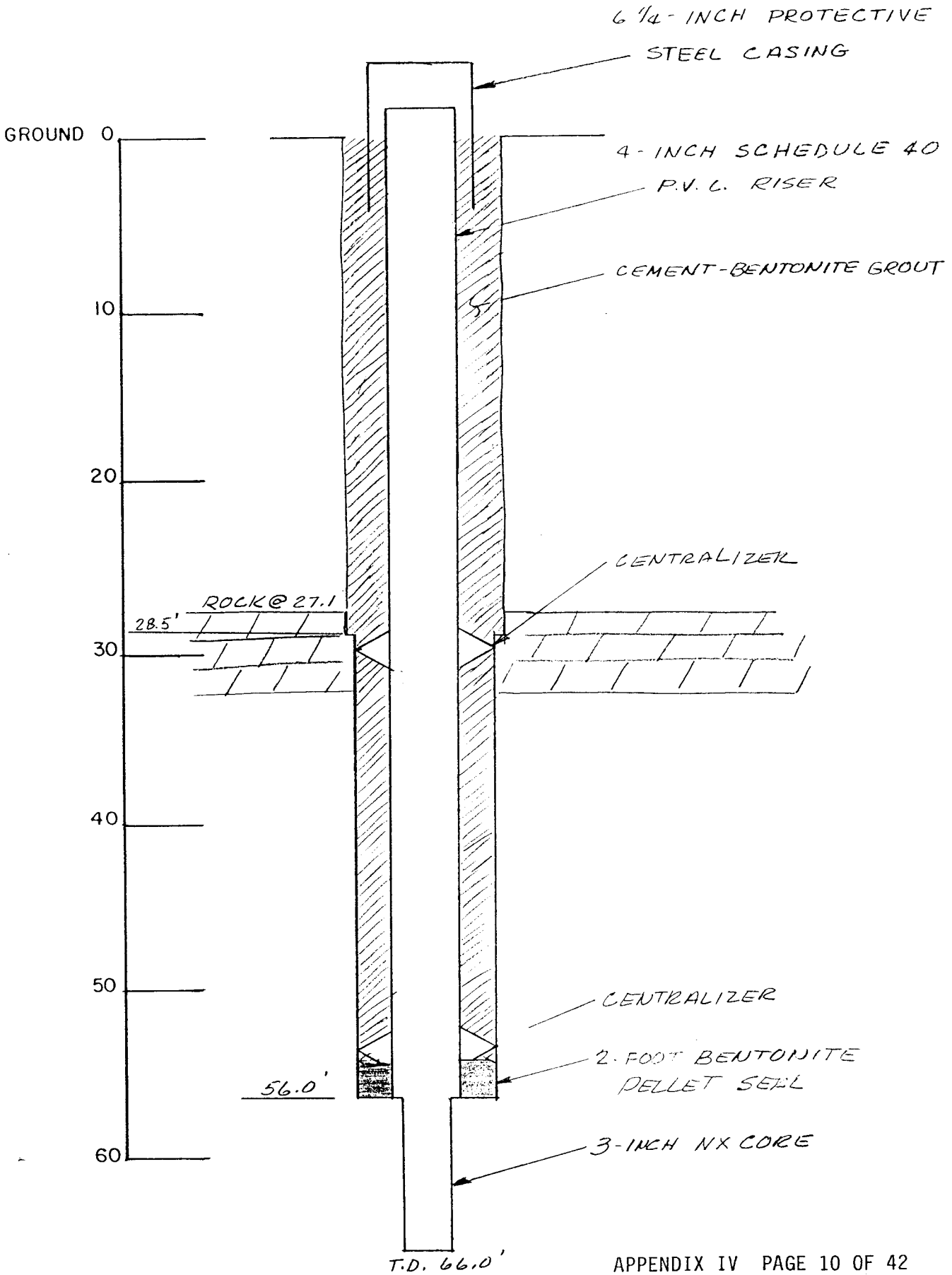

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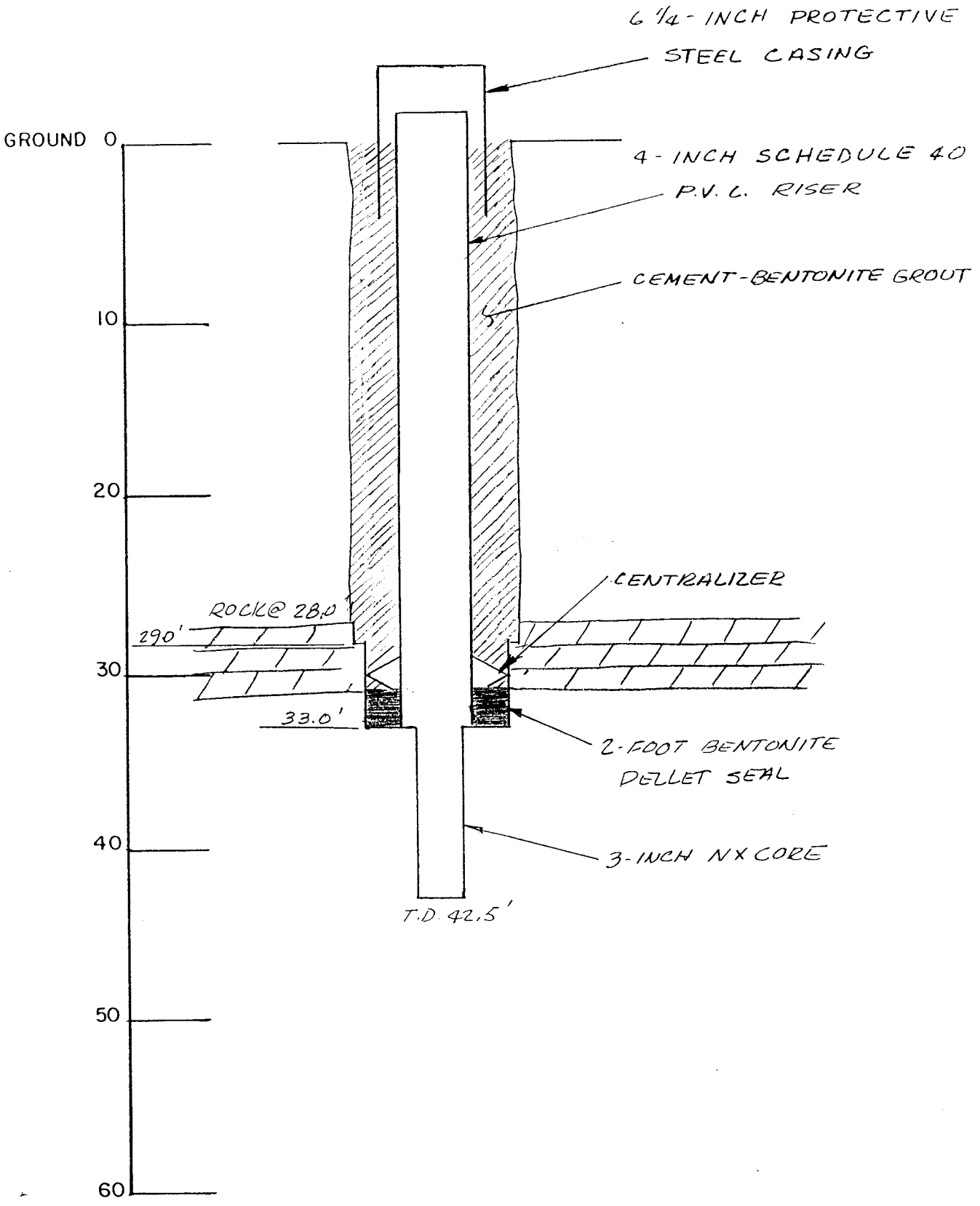

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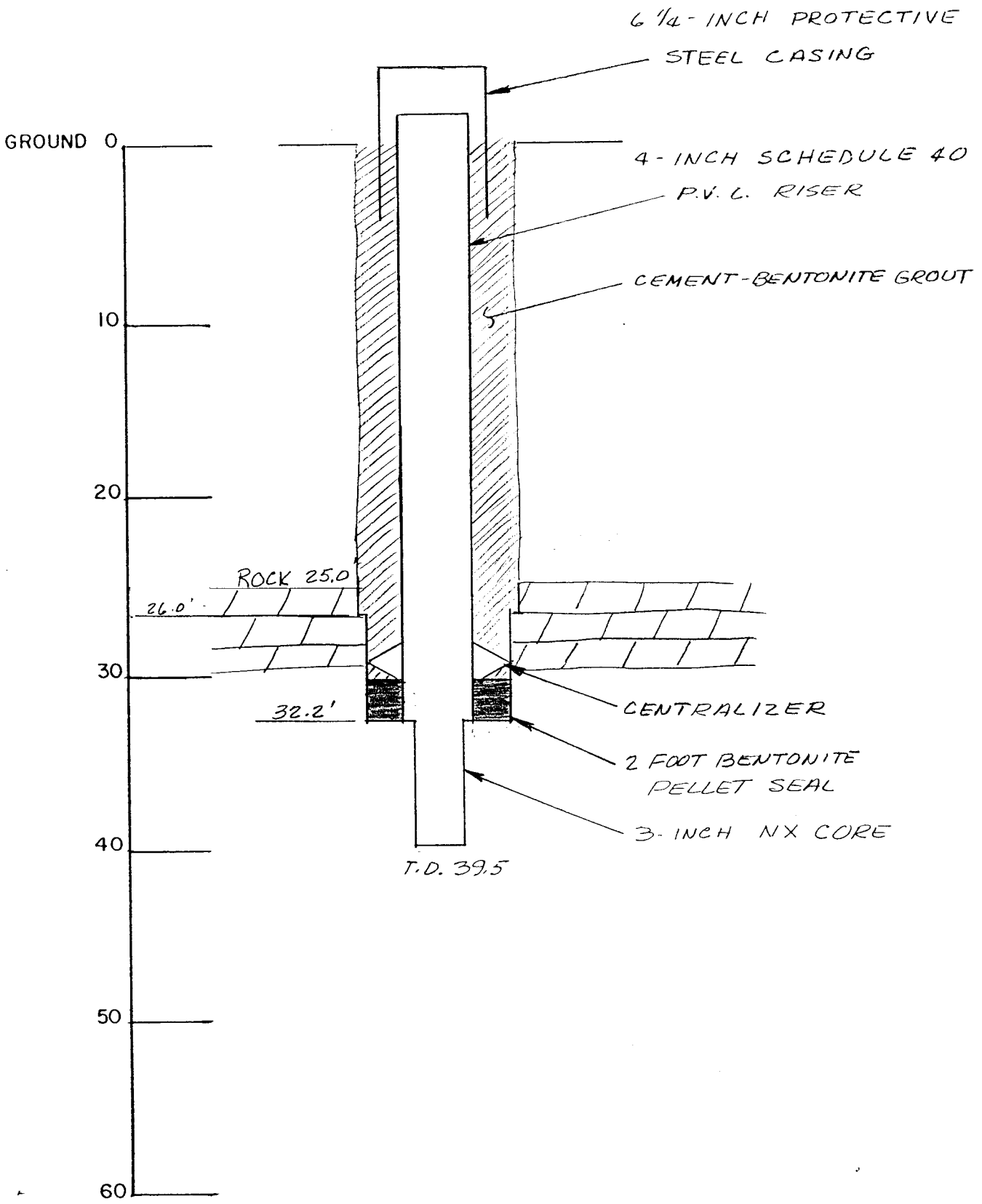

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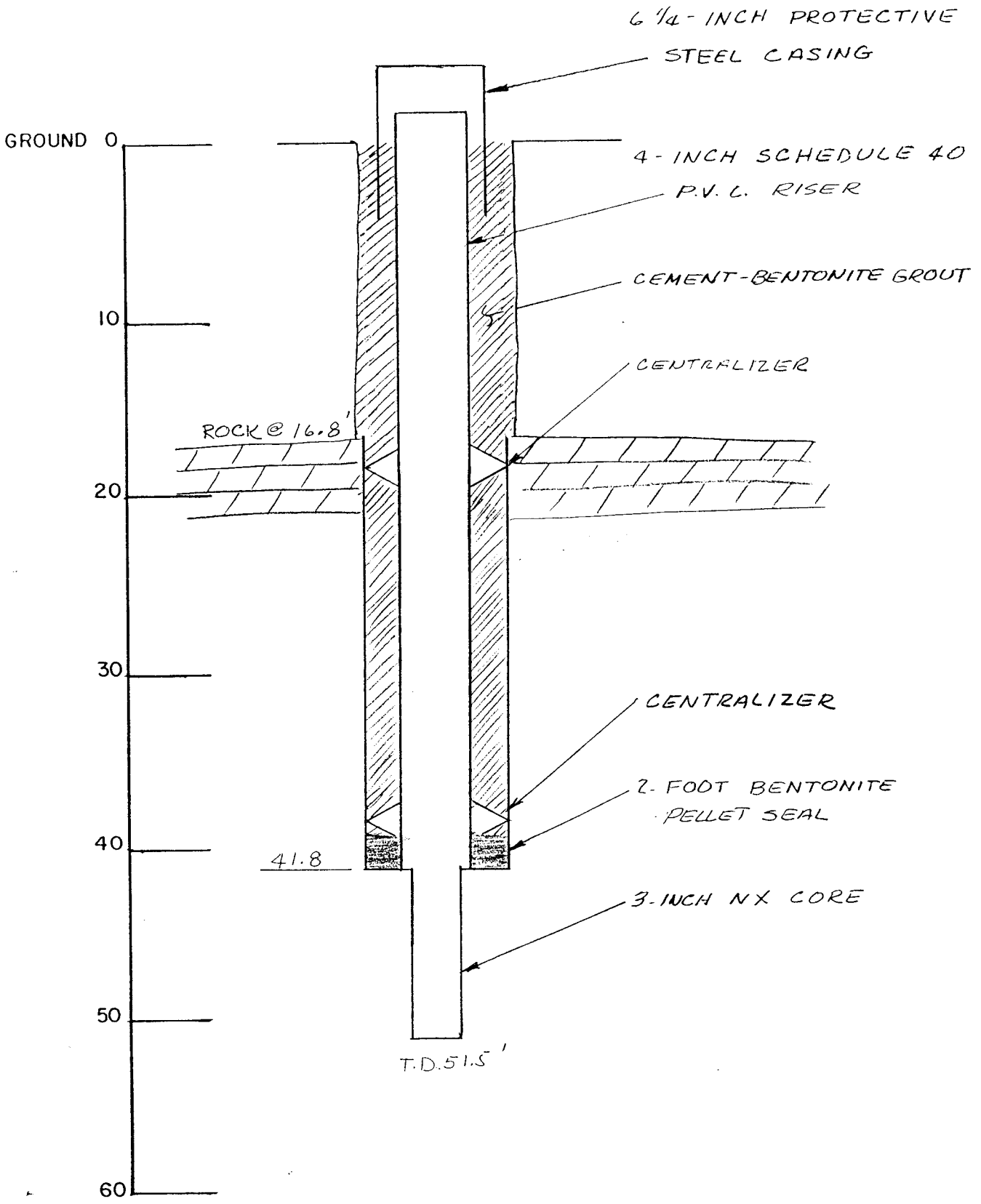

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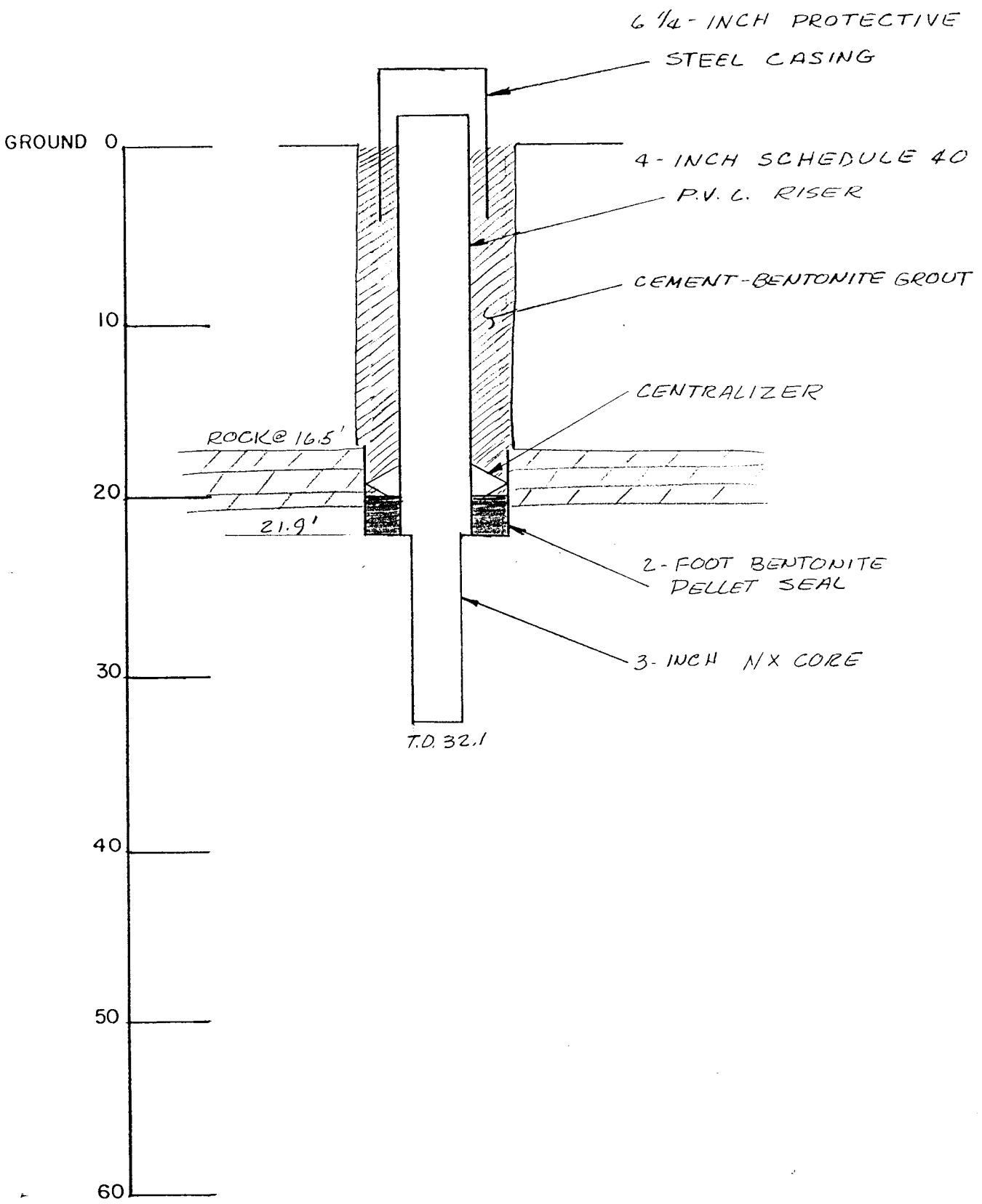

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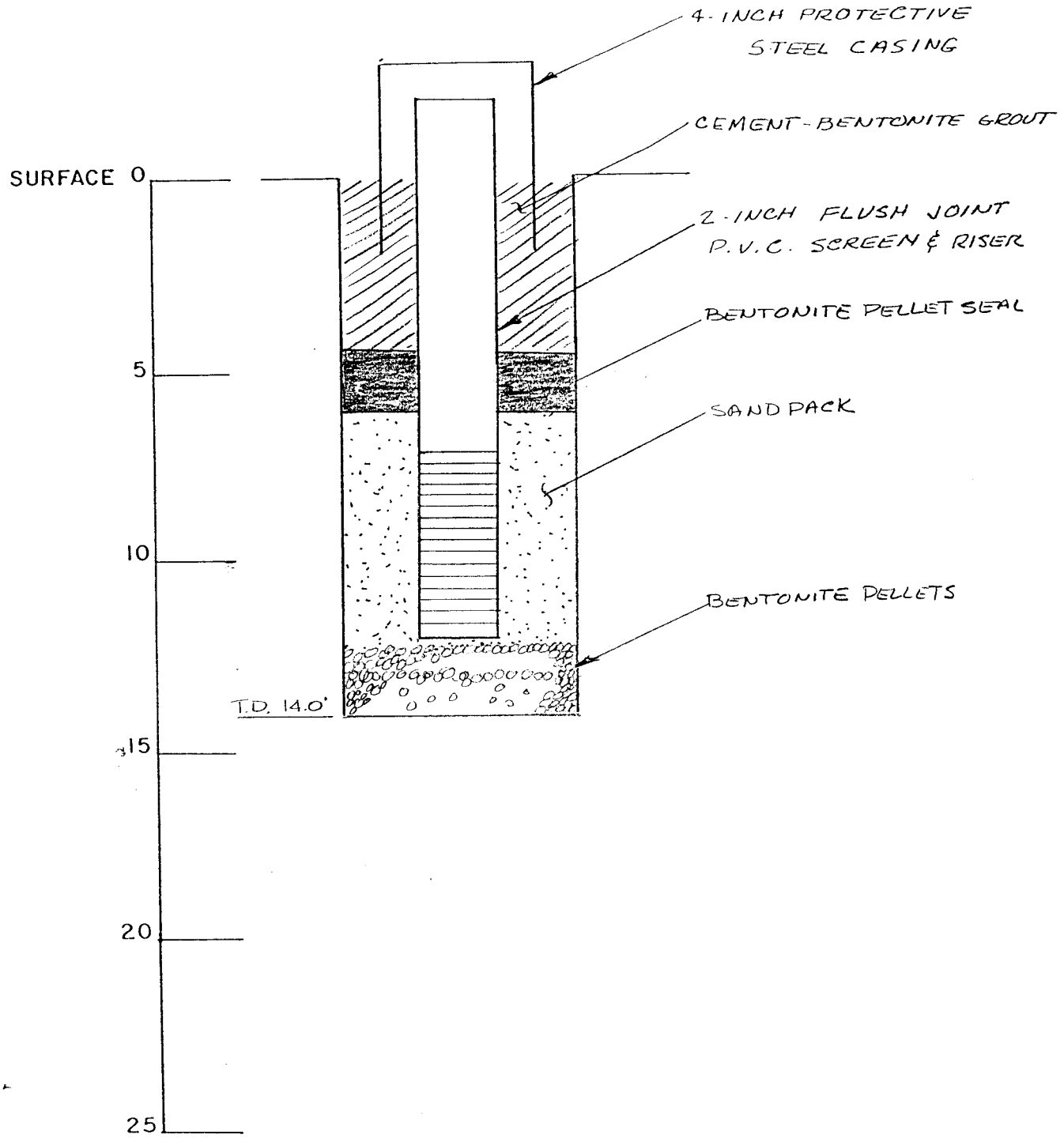

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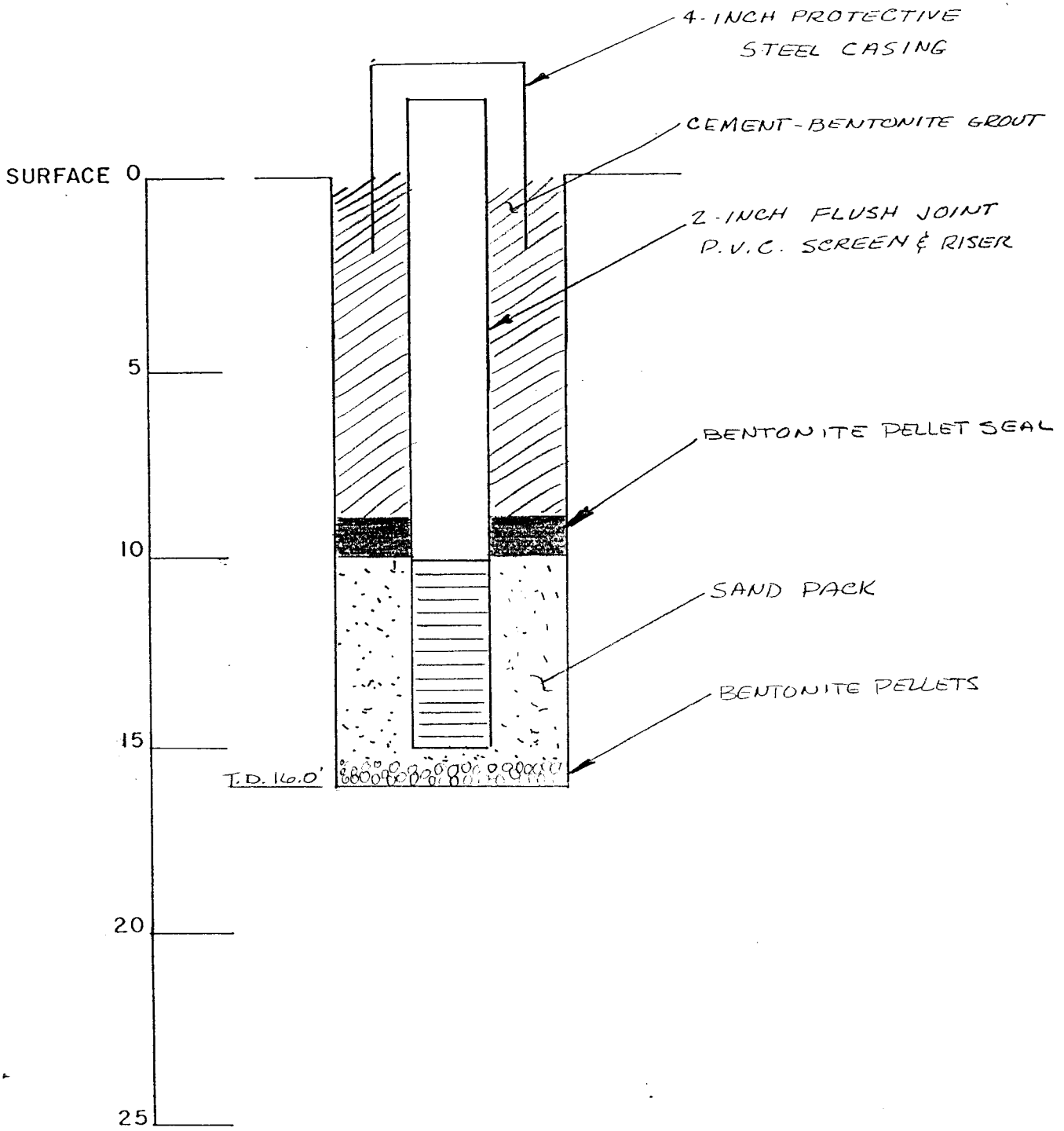

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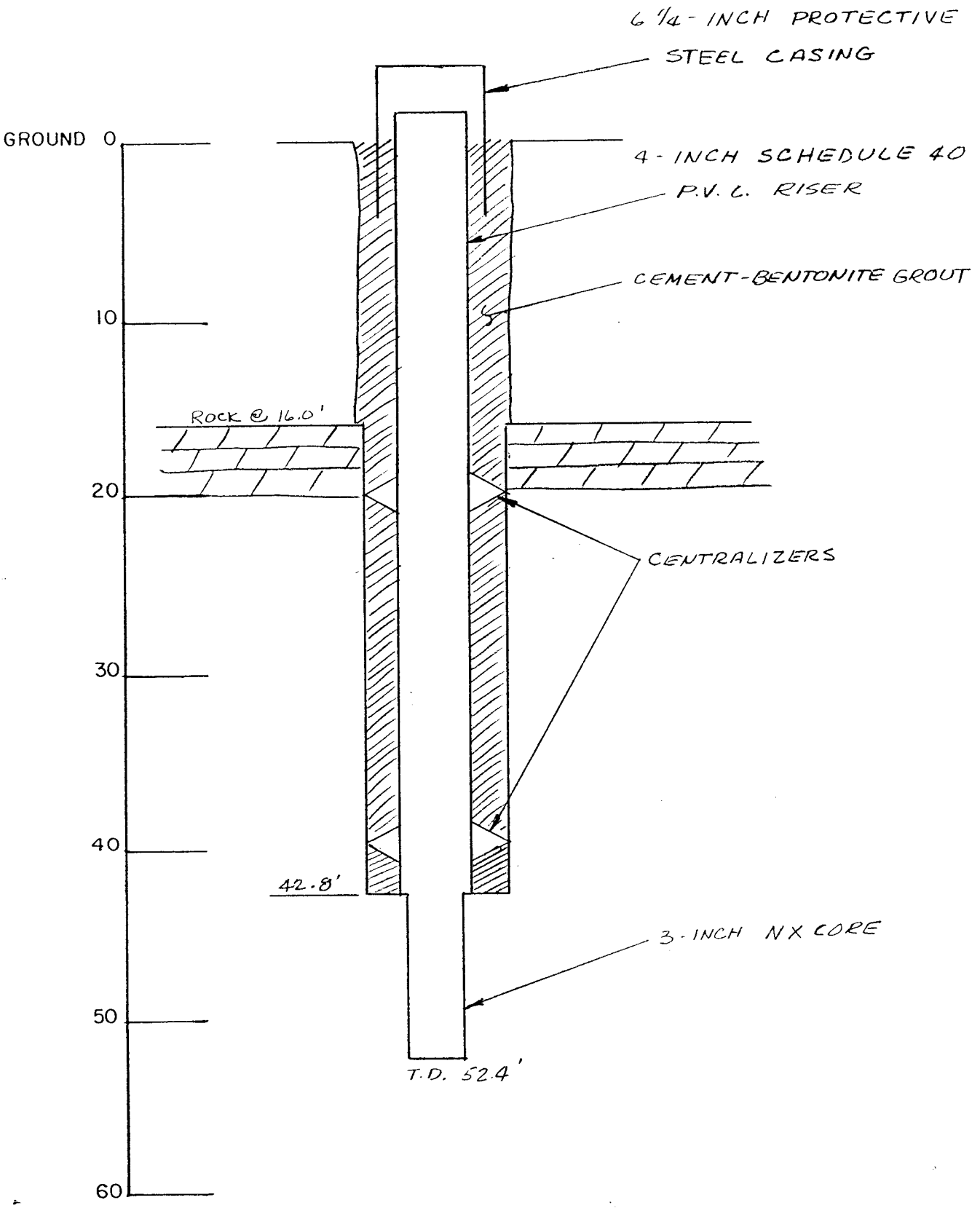

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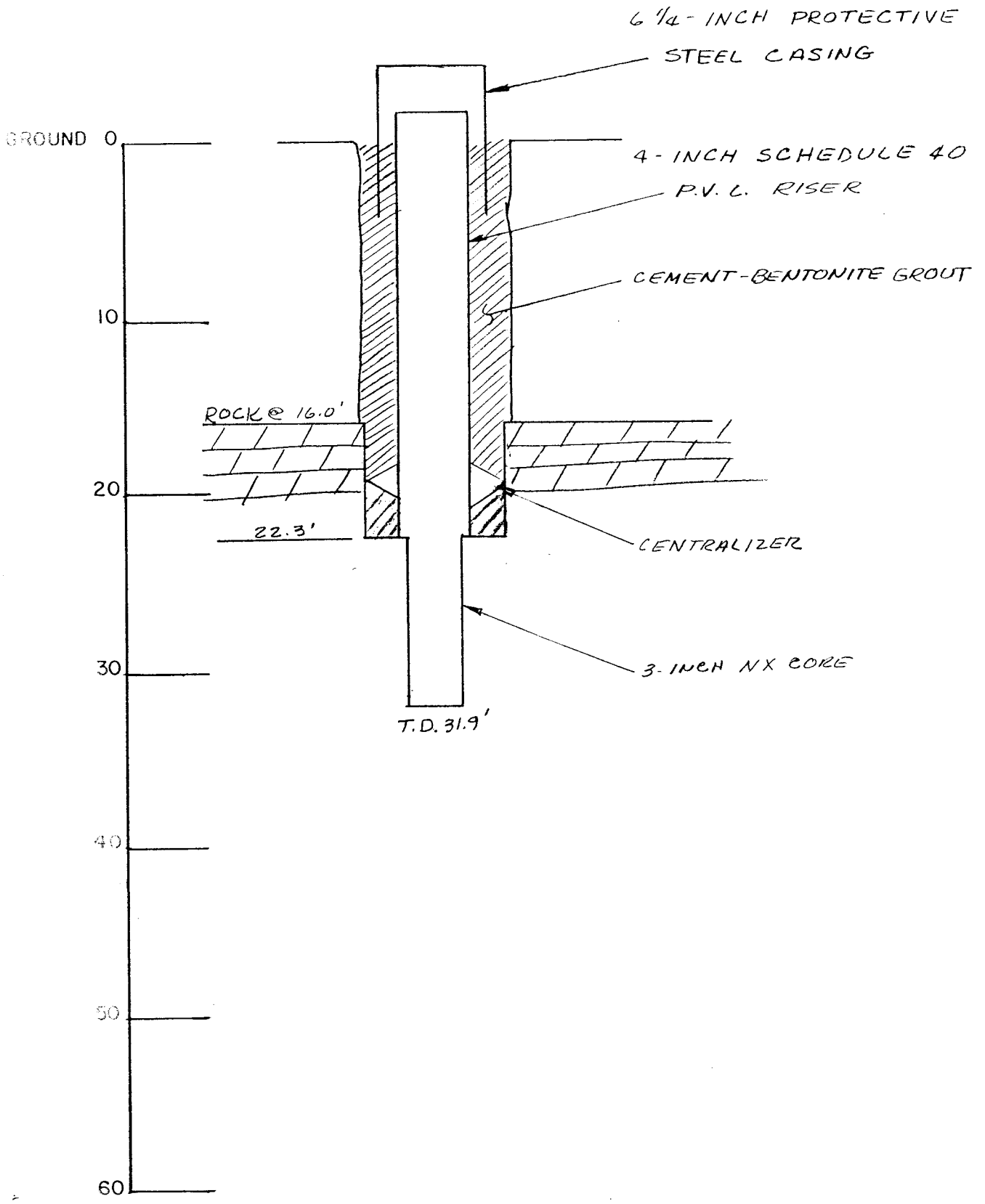

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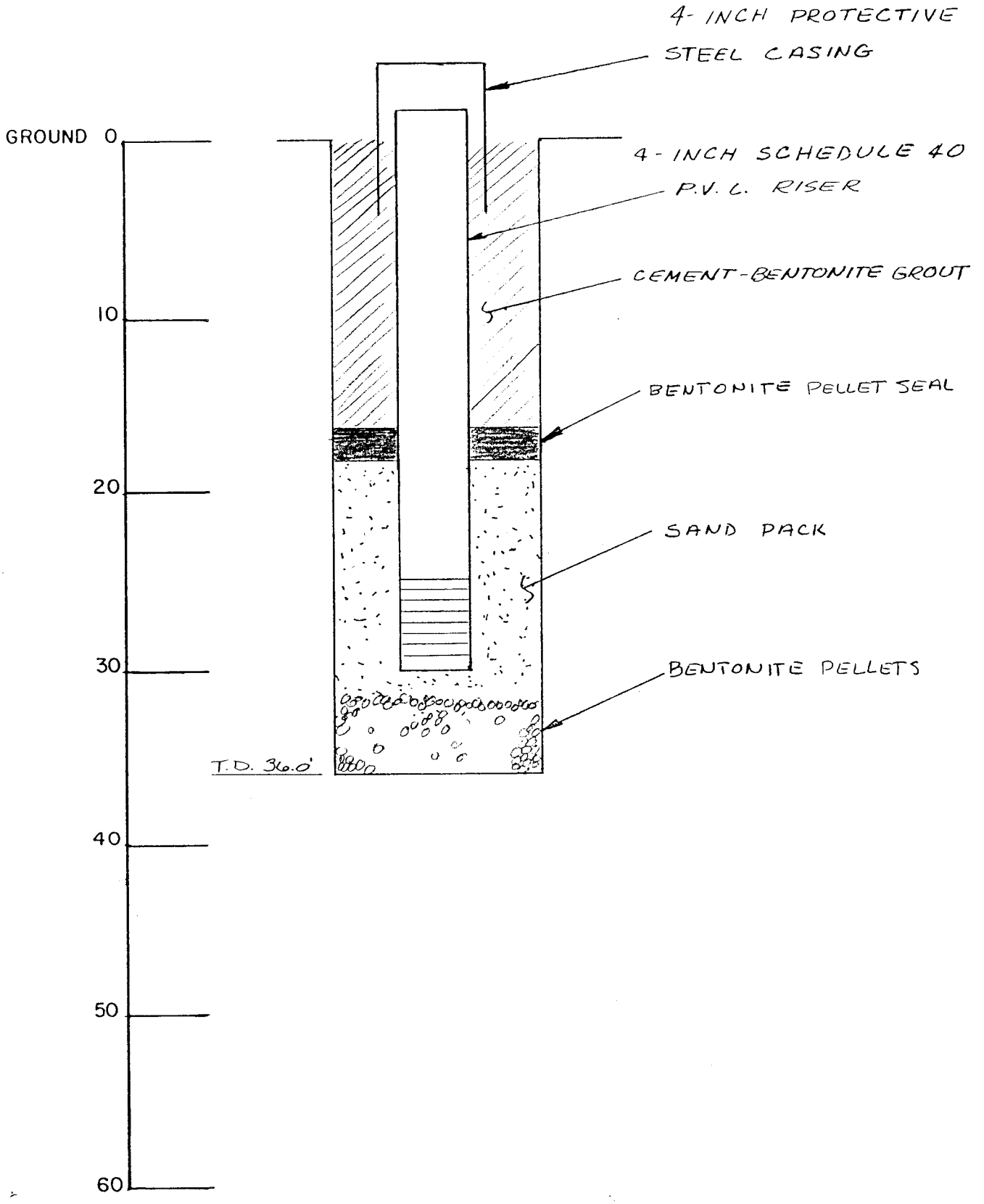

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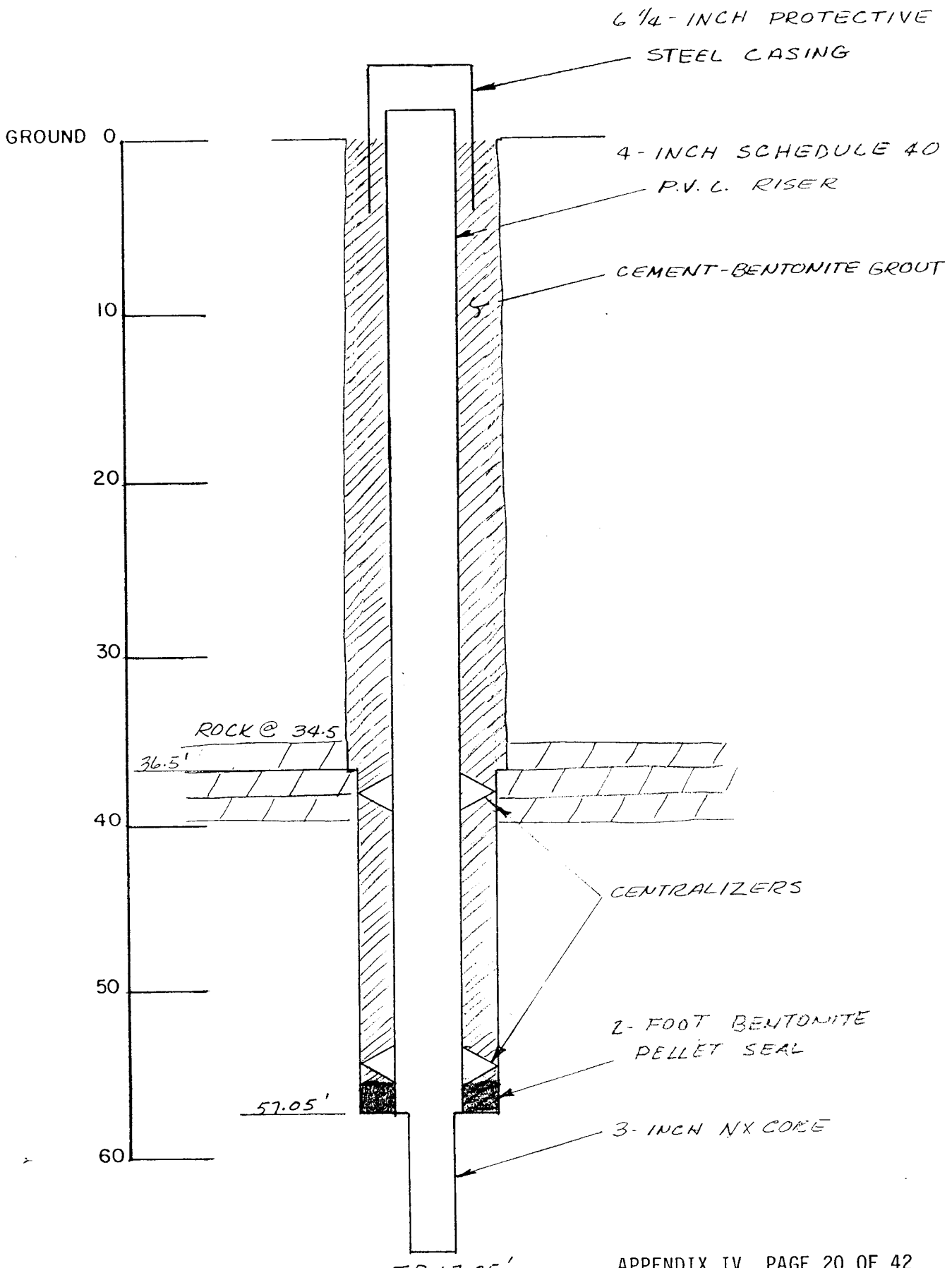

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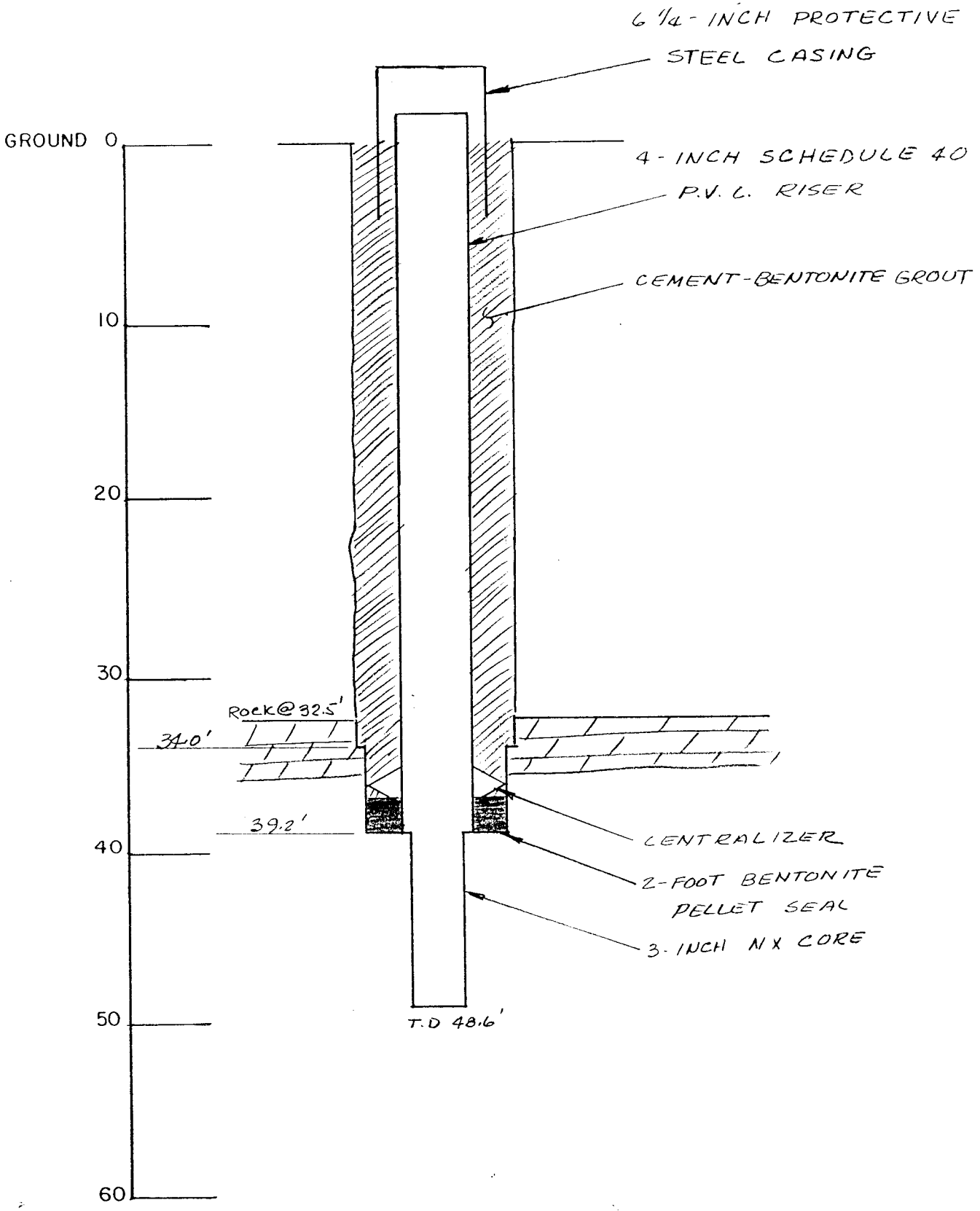

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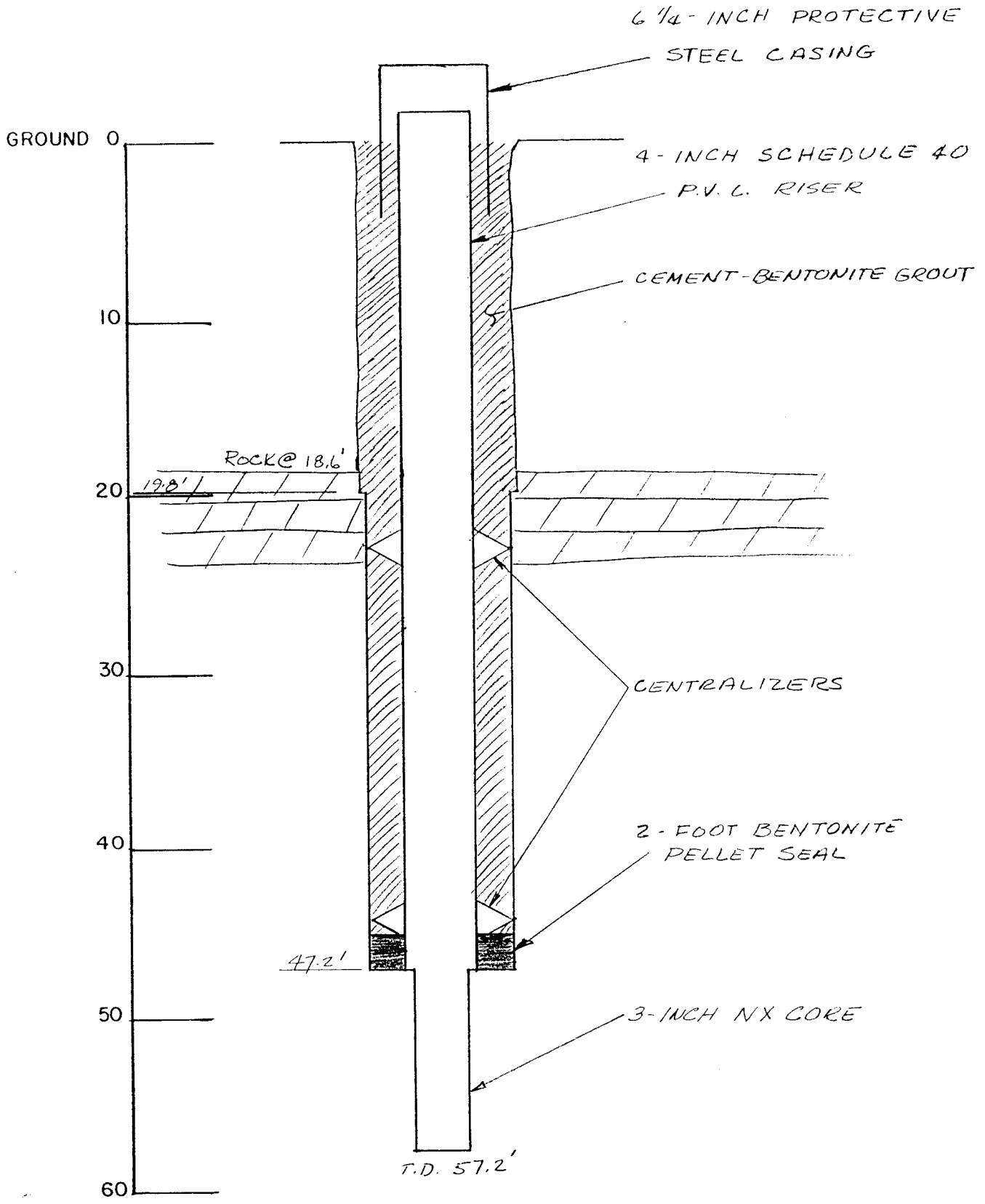

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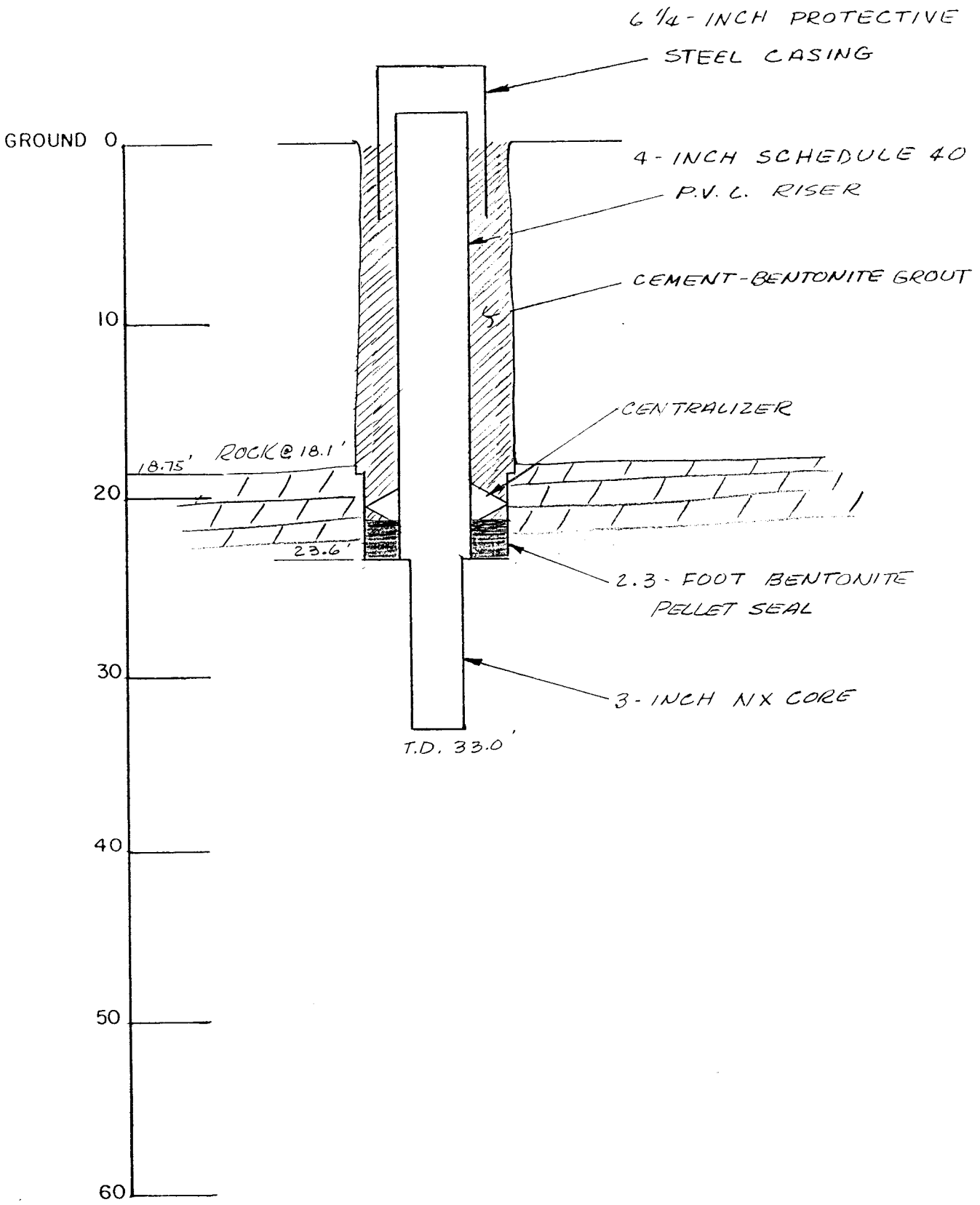

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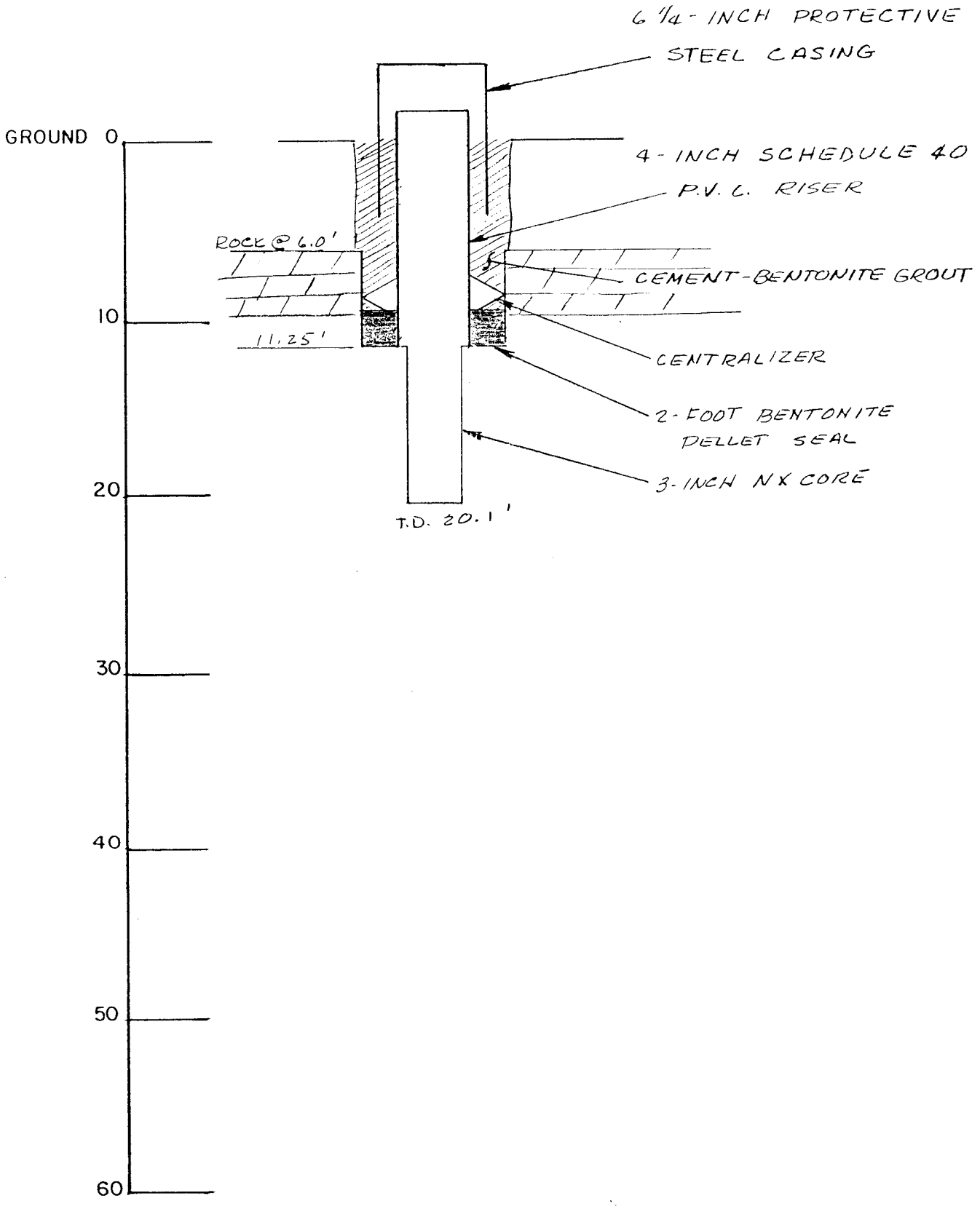

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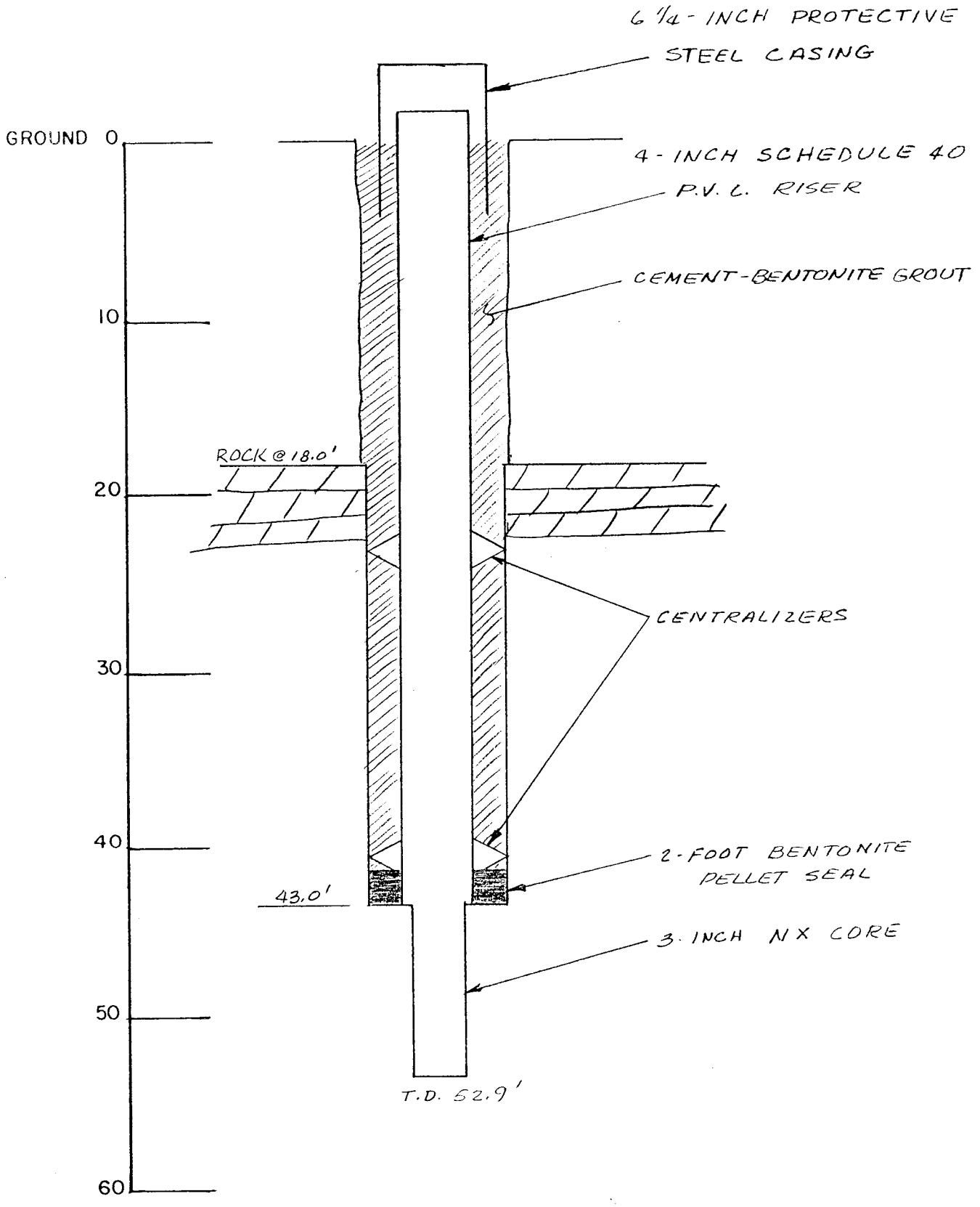

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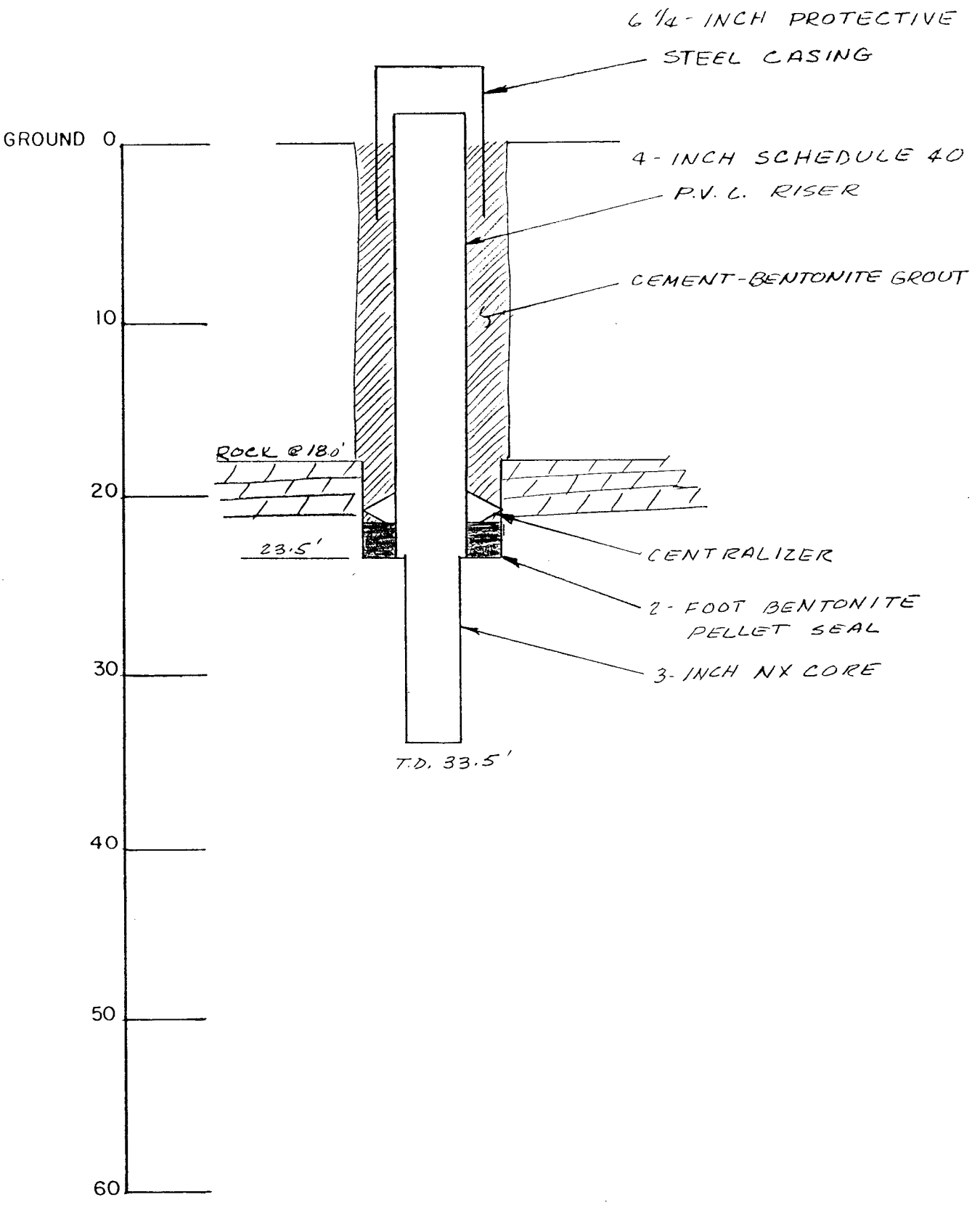

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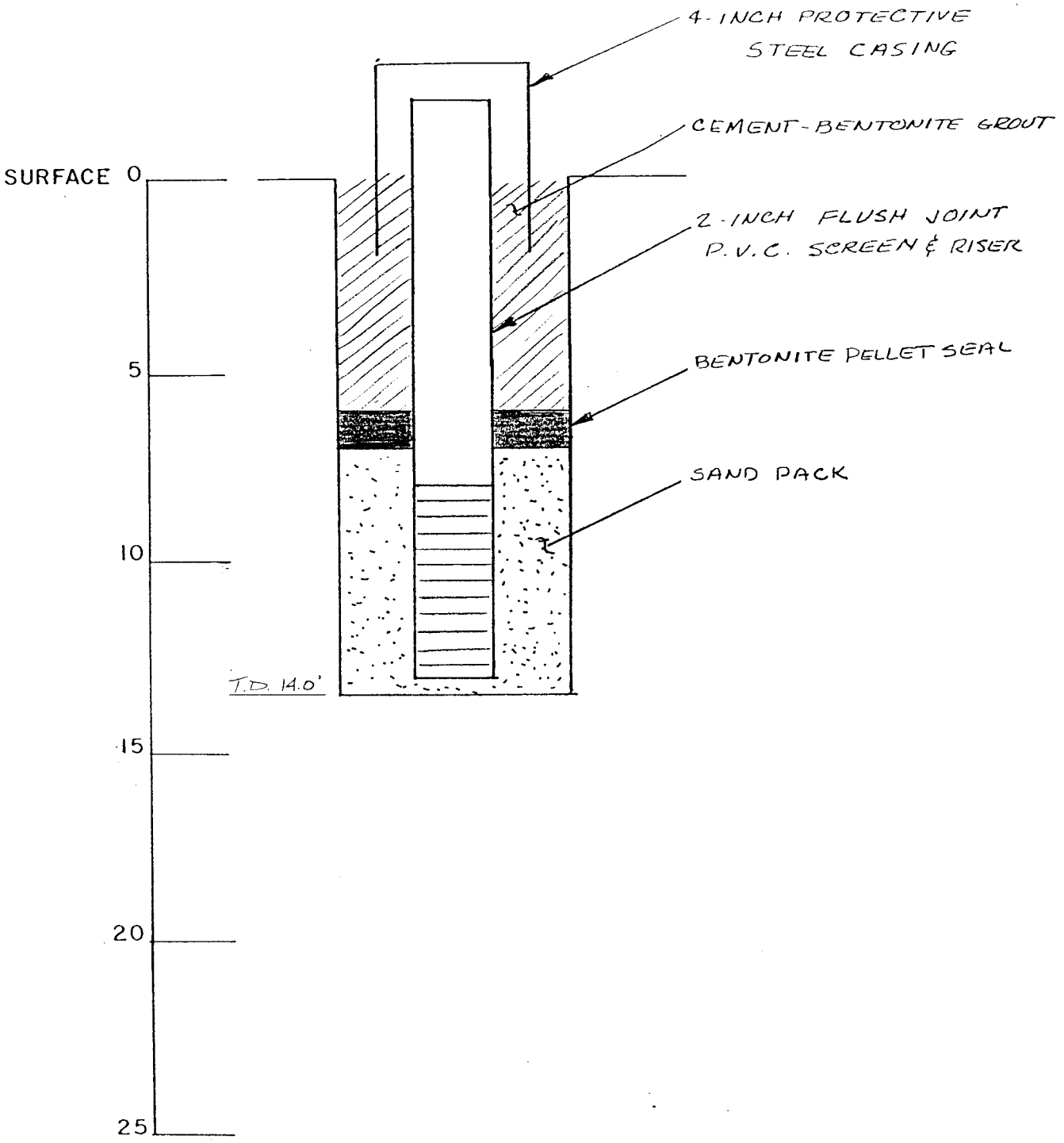

MALCOLM PIRNIE

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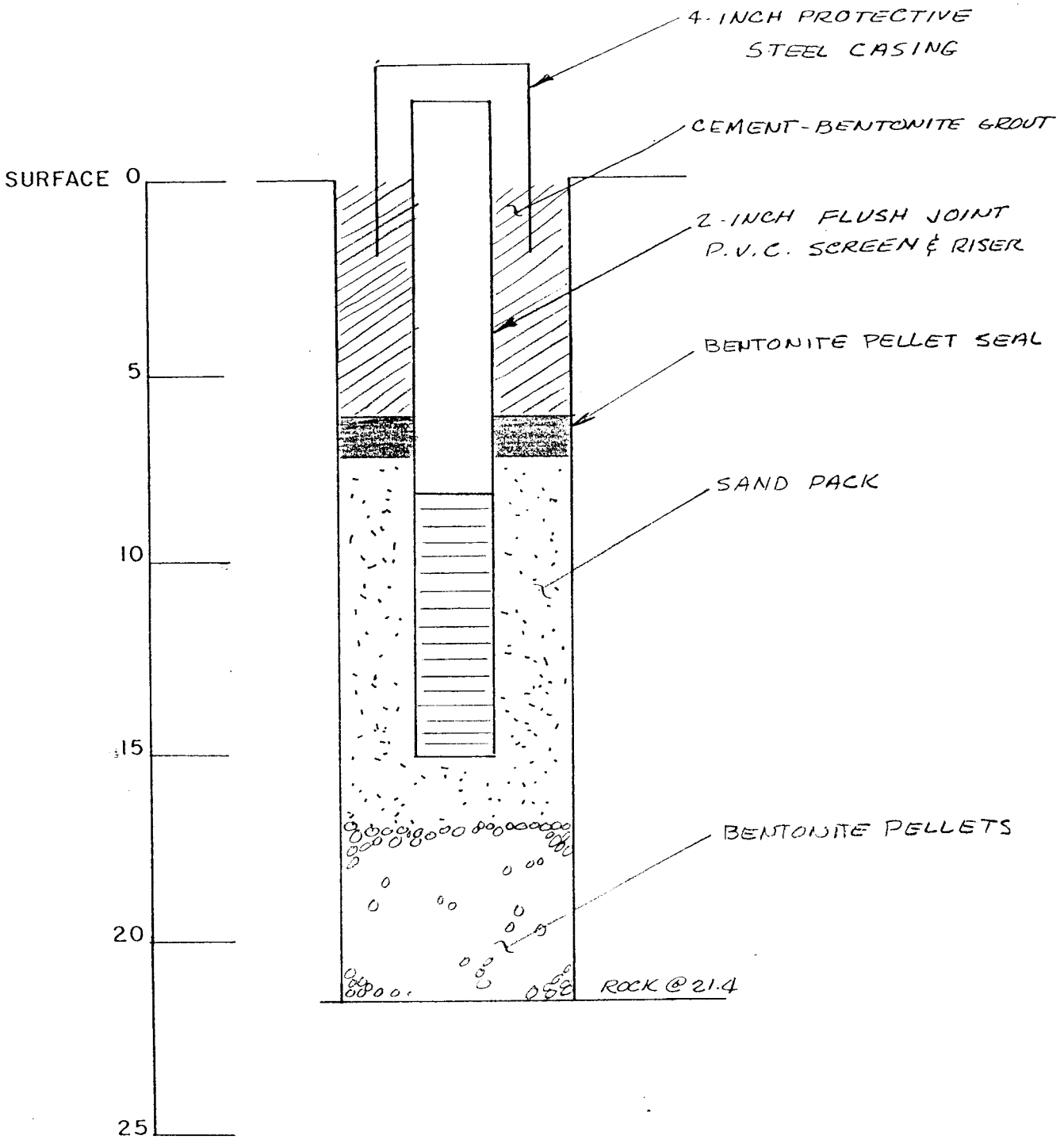

MALCOLM PIRNIE

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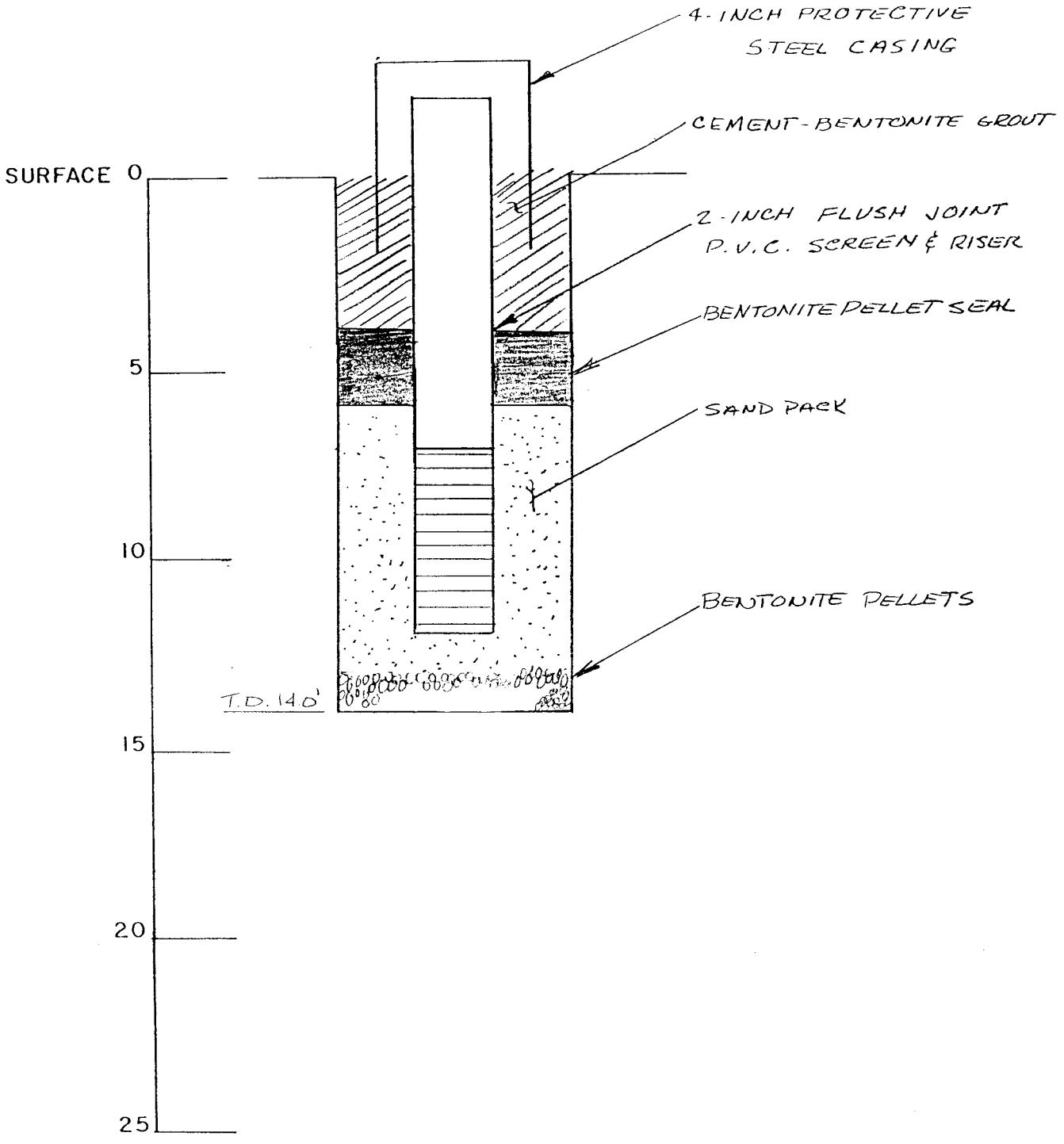

MALCOLM PIRNIE

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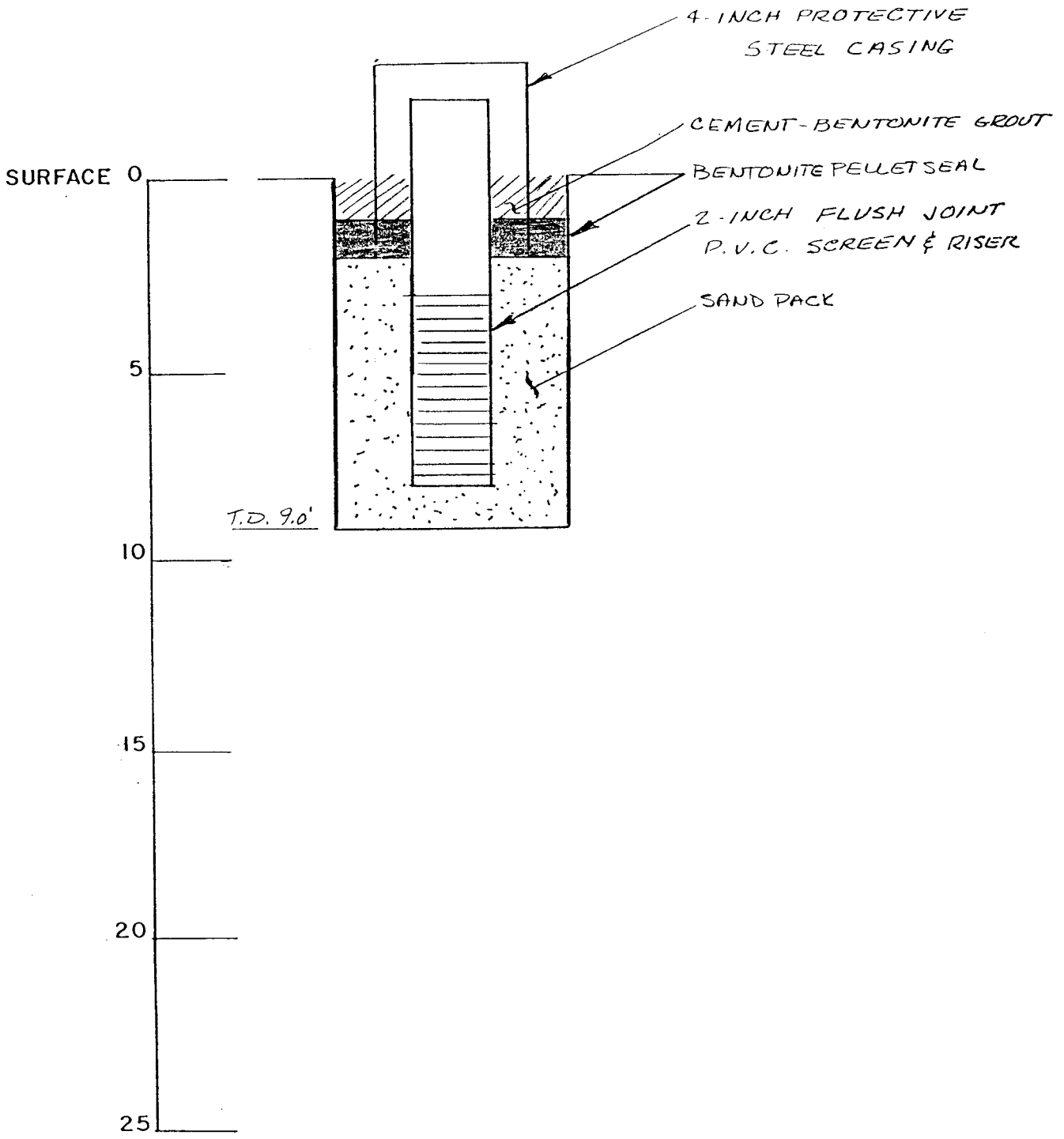


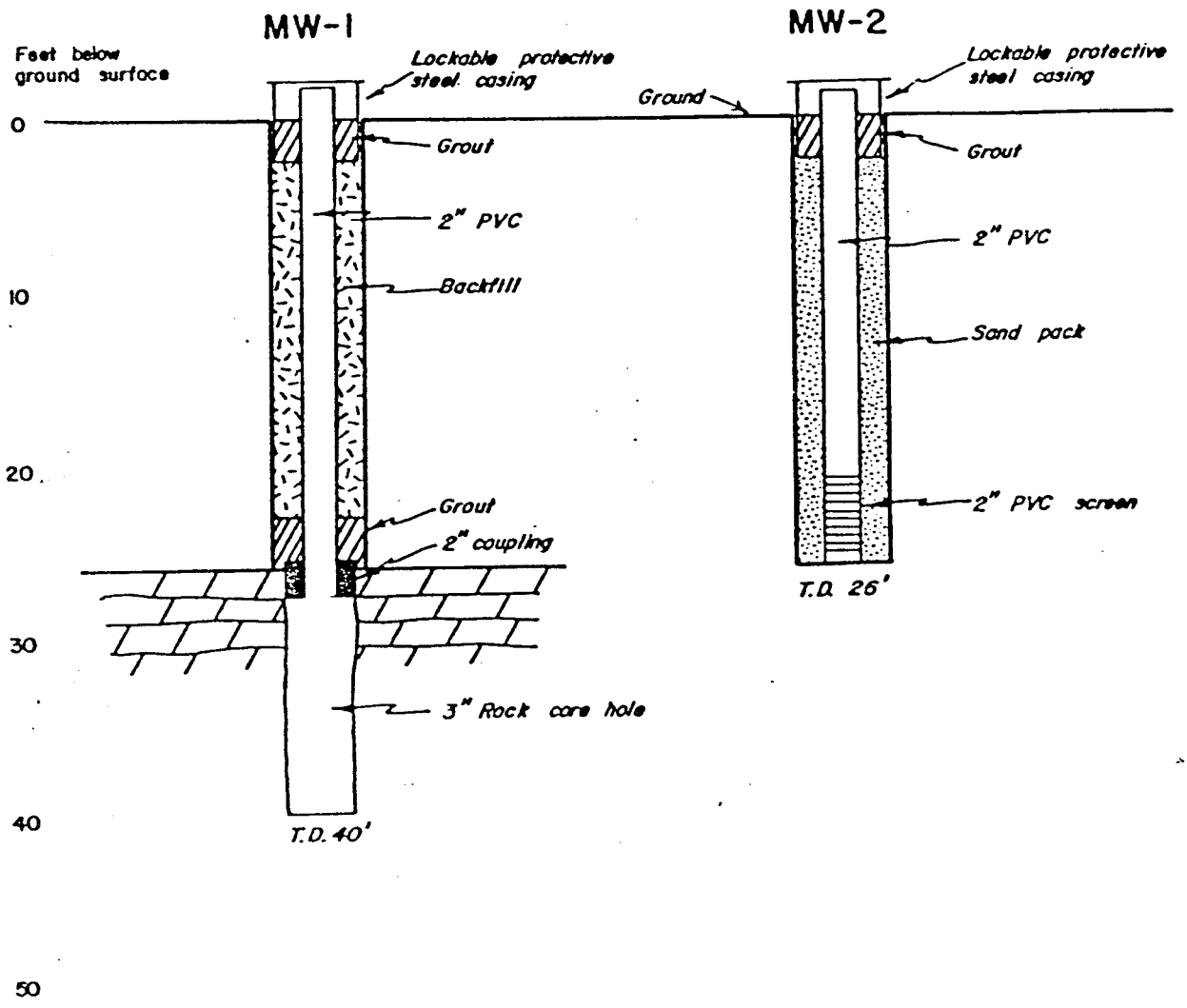
Well Construction Diagram

Ciba-Geigy

Glens Falls, New York

Driller: Richard Rappold

Construction Dates: MW-1 3/11/80-3/12/80; MW-2 3/12/80



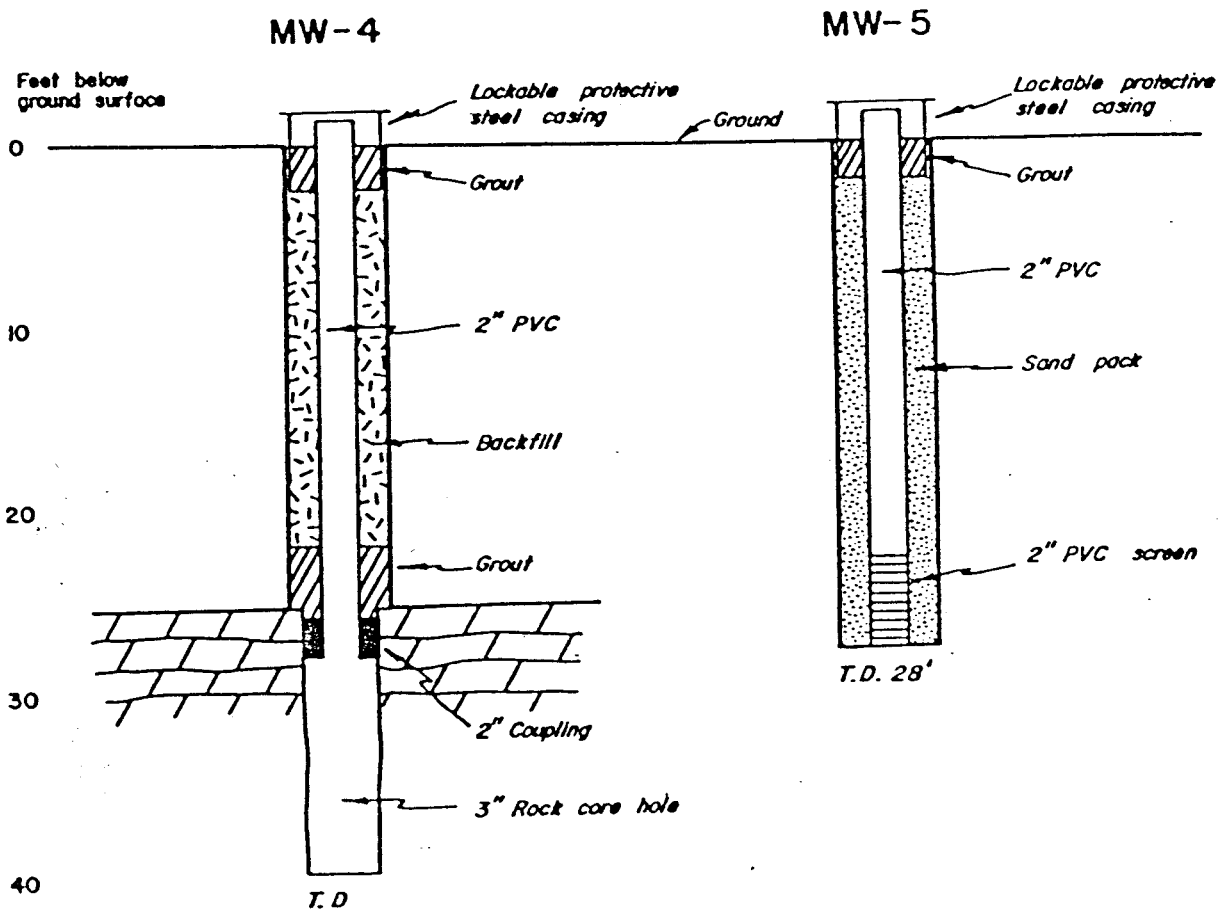
Well Construction Diagram

Ciba-Geigy

Glens Falls, New York

Driller: Richard Rappold

Construction Dates: MW-4 3/13/80-3/18/80; MW-5 3/18/80



Well Construction Diagram

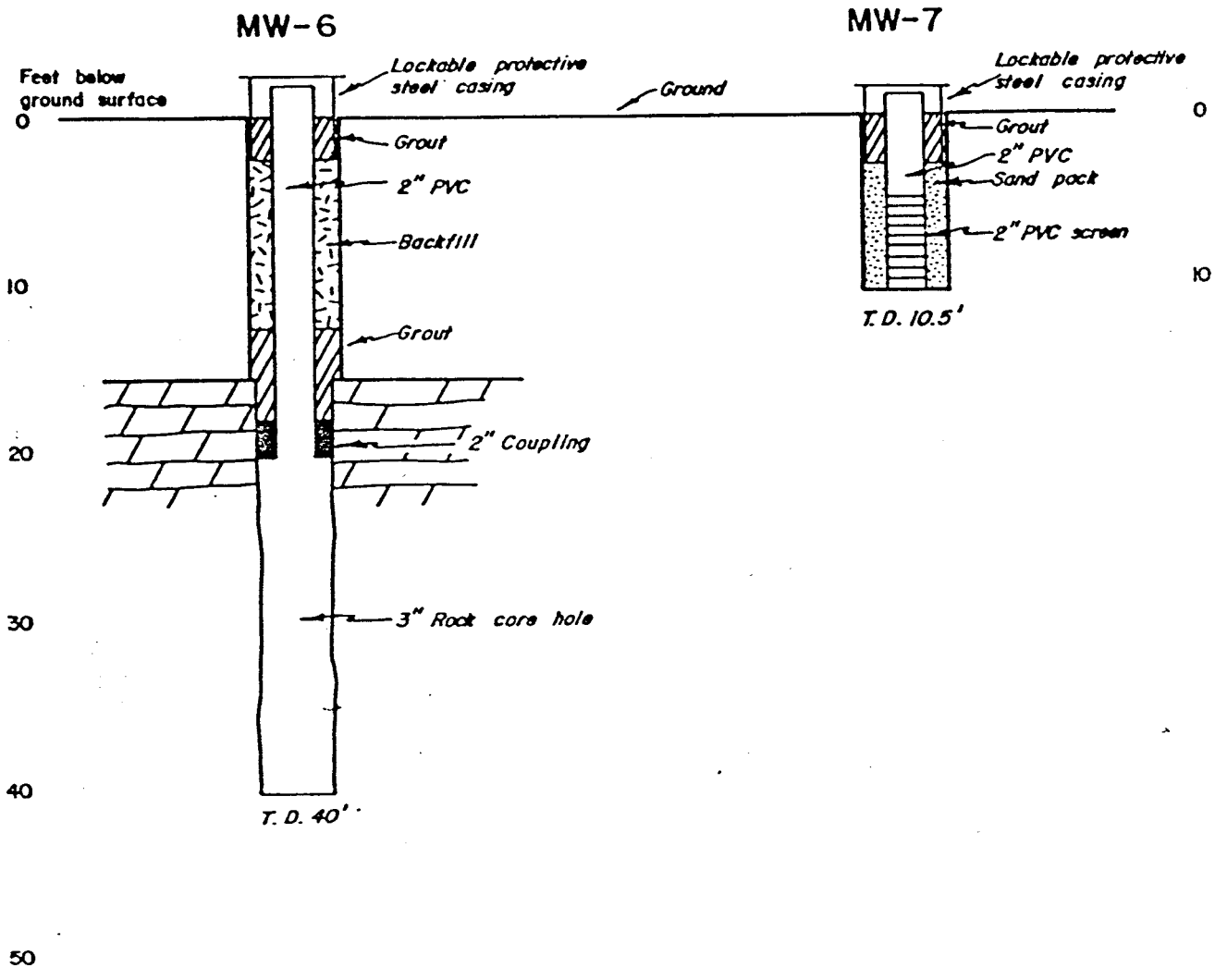
Ciba-Geigy

Glens Falls, New York

DGC Geologist: Steven Chisick

Driller: Richard Rappold

Construction Dates: MW-6 3/14/80-3/16/80; MW-7 3/16/80



Well Construction Diagram

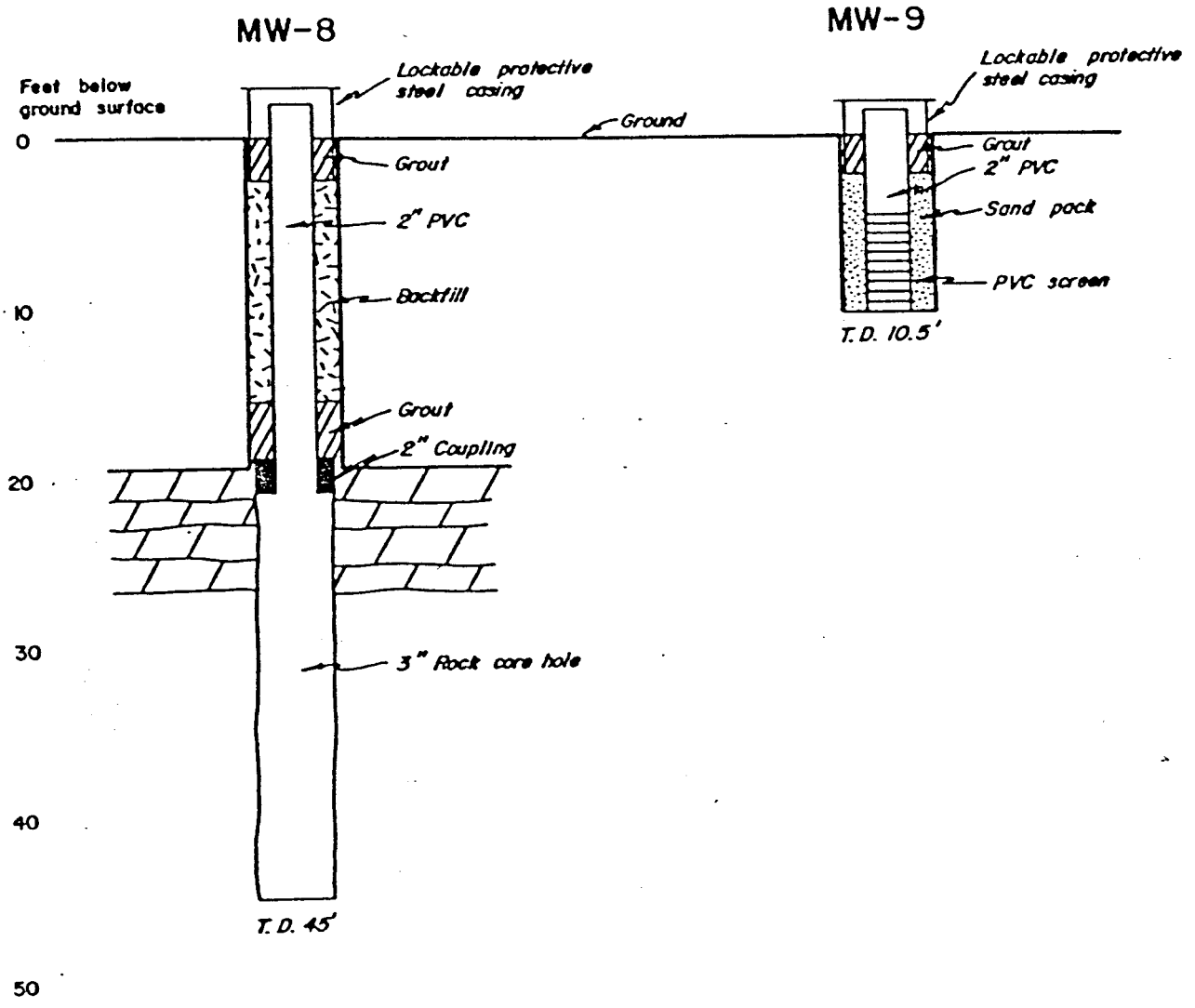
Ciba-Geigy

Glens Falls, New York

DGC Geologist: Steven Chisick

Driller: Richard Rappold

Construction Dates: MW-8 3/18/80; MW-9 3/19/80



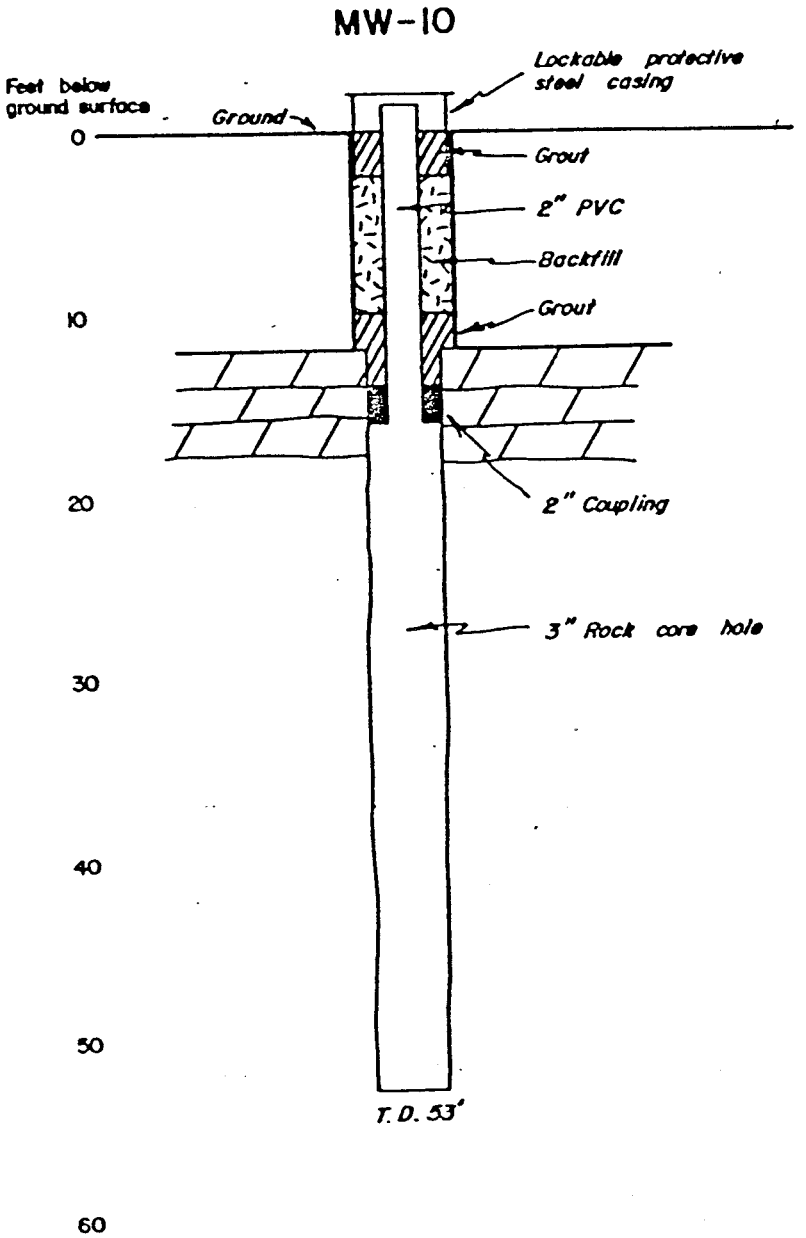
Well Construction Diagram

Ciba-Geigy

Glens Falls, New York

Driller: Richard Rappold

Construction Dates: MW-10 3/19/80-3/24/80



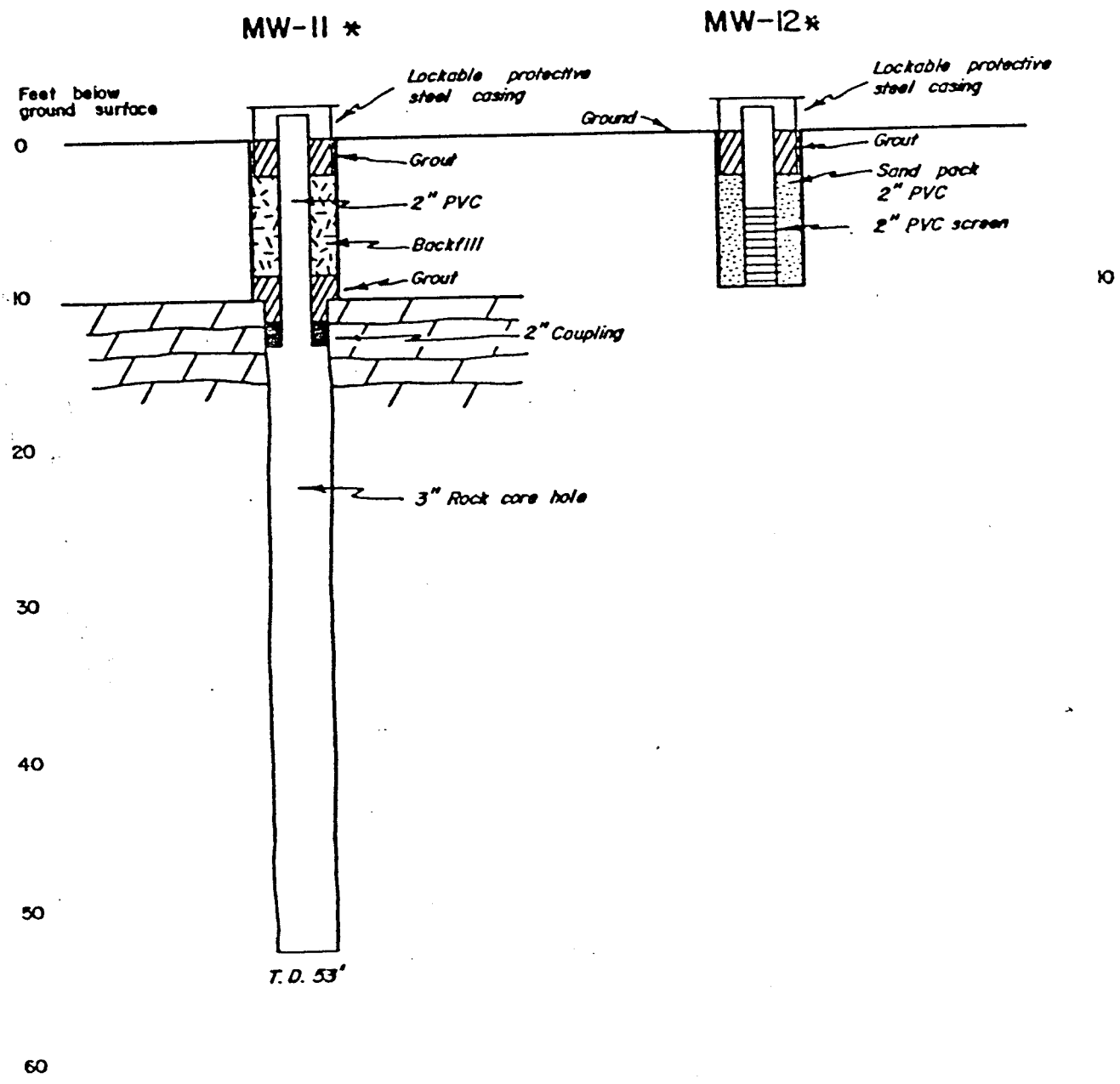
Well Construction Diagram

Ciba-Geigy

Glens Falls, New York

Driller: Richard Rappold

Construction Dates: MW-11 3/24/80-3/27/80; MW-12 3/27/80



* well no longer in existence

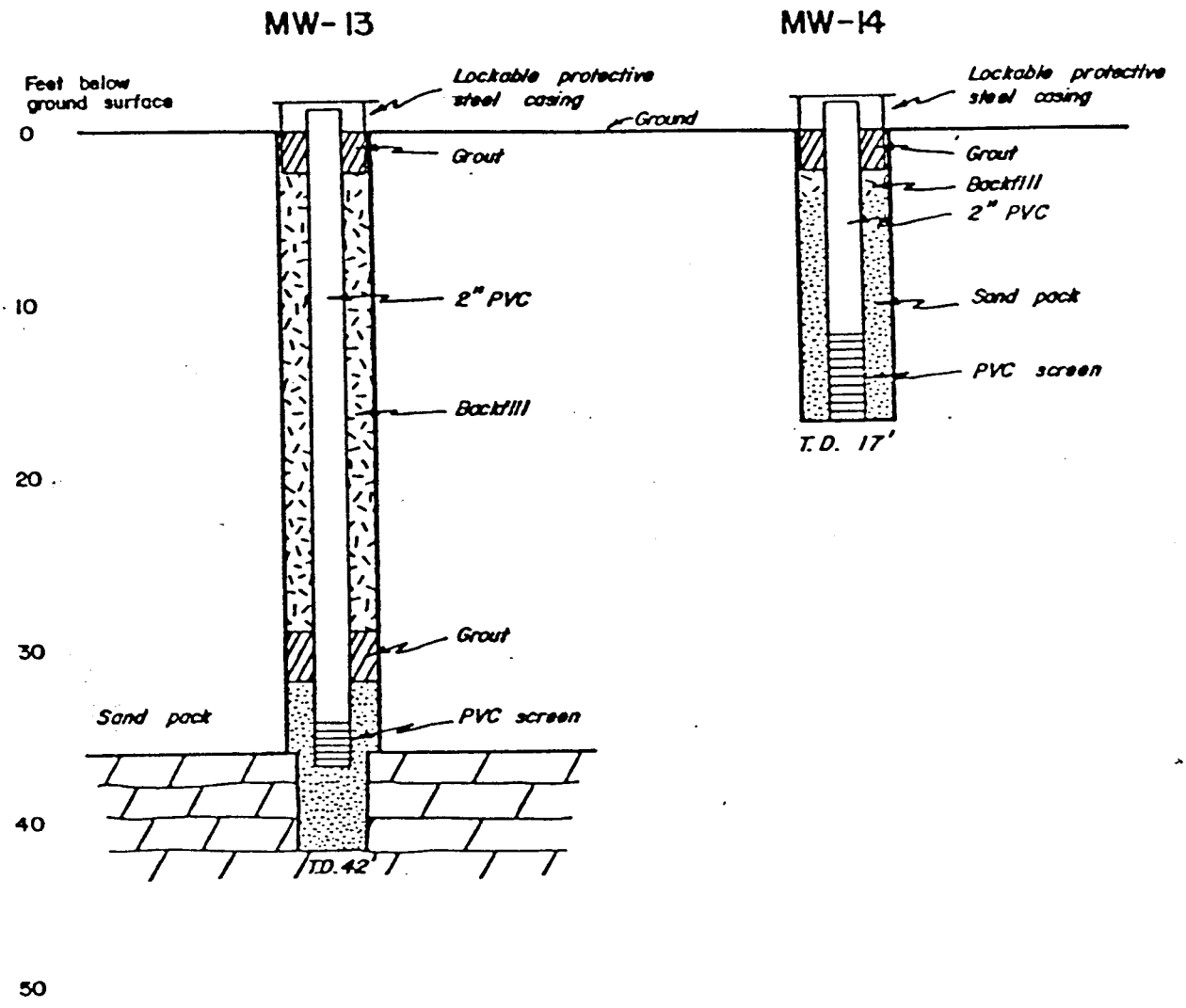
Well Construction Diagram

Ciba-Geigy

Glens Falls, New York

Driller: Richard Rappold

Construction Dates: MW-13 3/27/80; MW-14 3/27/80



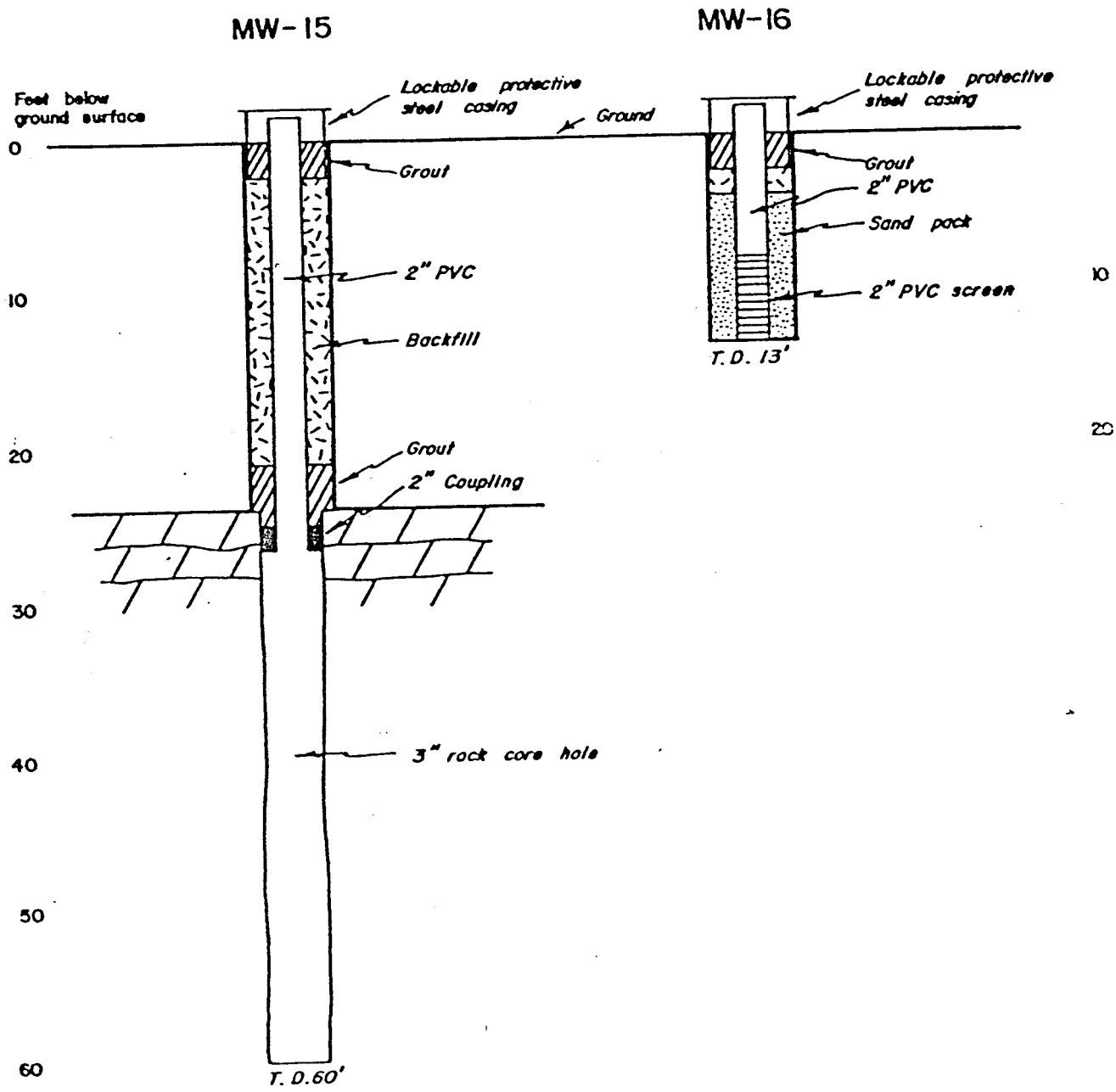
Well Construction Diagram

Ciba-Geigy

Glens Falls, New York

Driller: Richard Rappold

Construction Dates: MW-15 3/31/80 - 4/1/80; MW-16 4/1/80



Well Construction Diagram

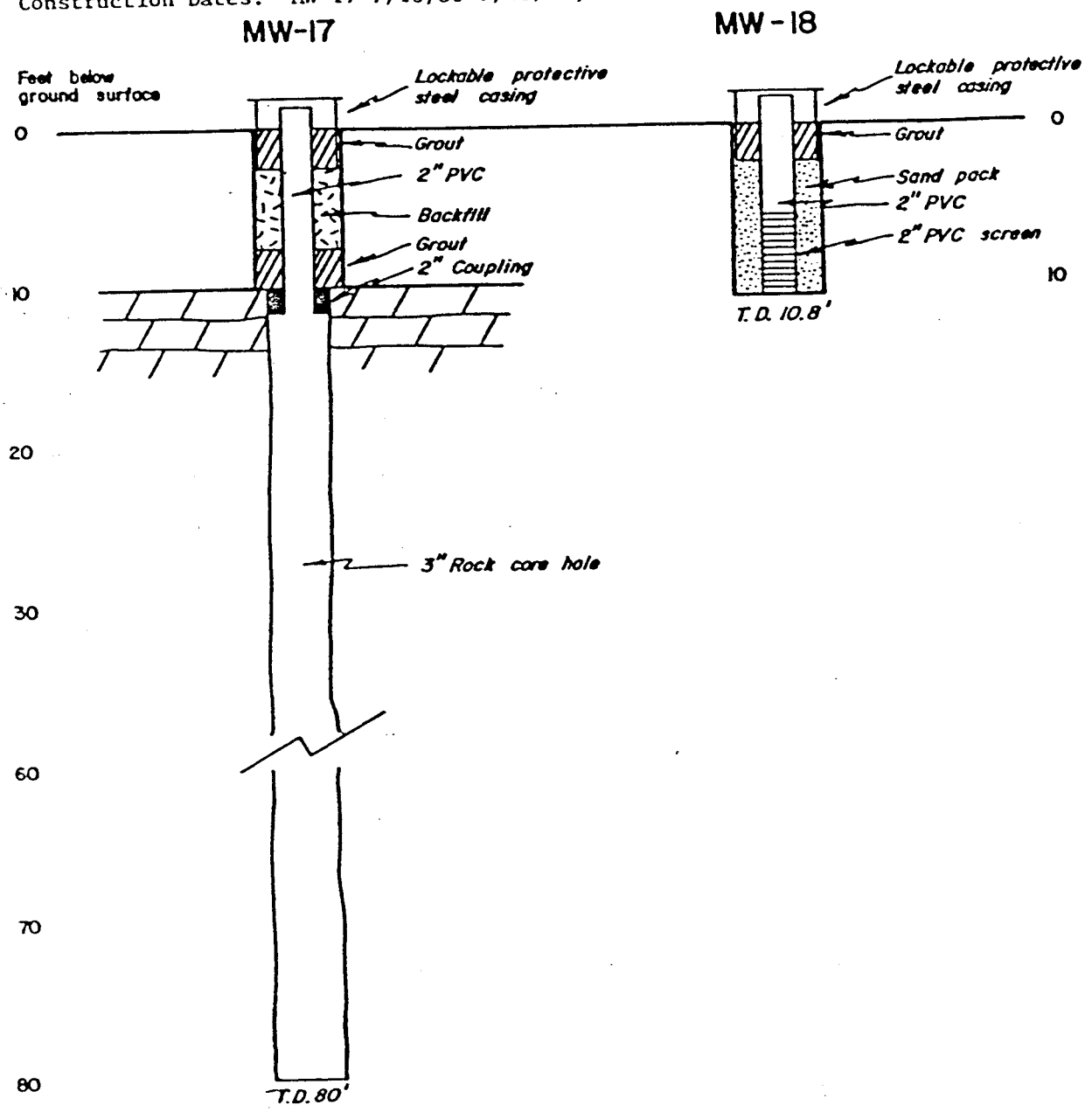
Ciba-Geigy

Glens Falls, New York

DGC Hydrologist: James Narkunas

Driller: Richard Rappold

Construction Dates: MW-17 7/16/80-7/18/80; MW-18 7/18/80



Well Construction Diagram

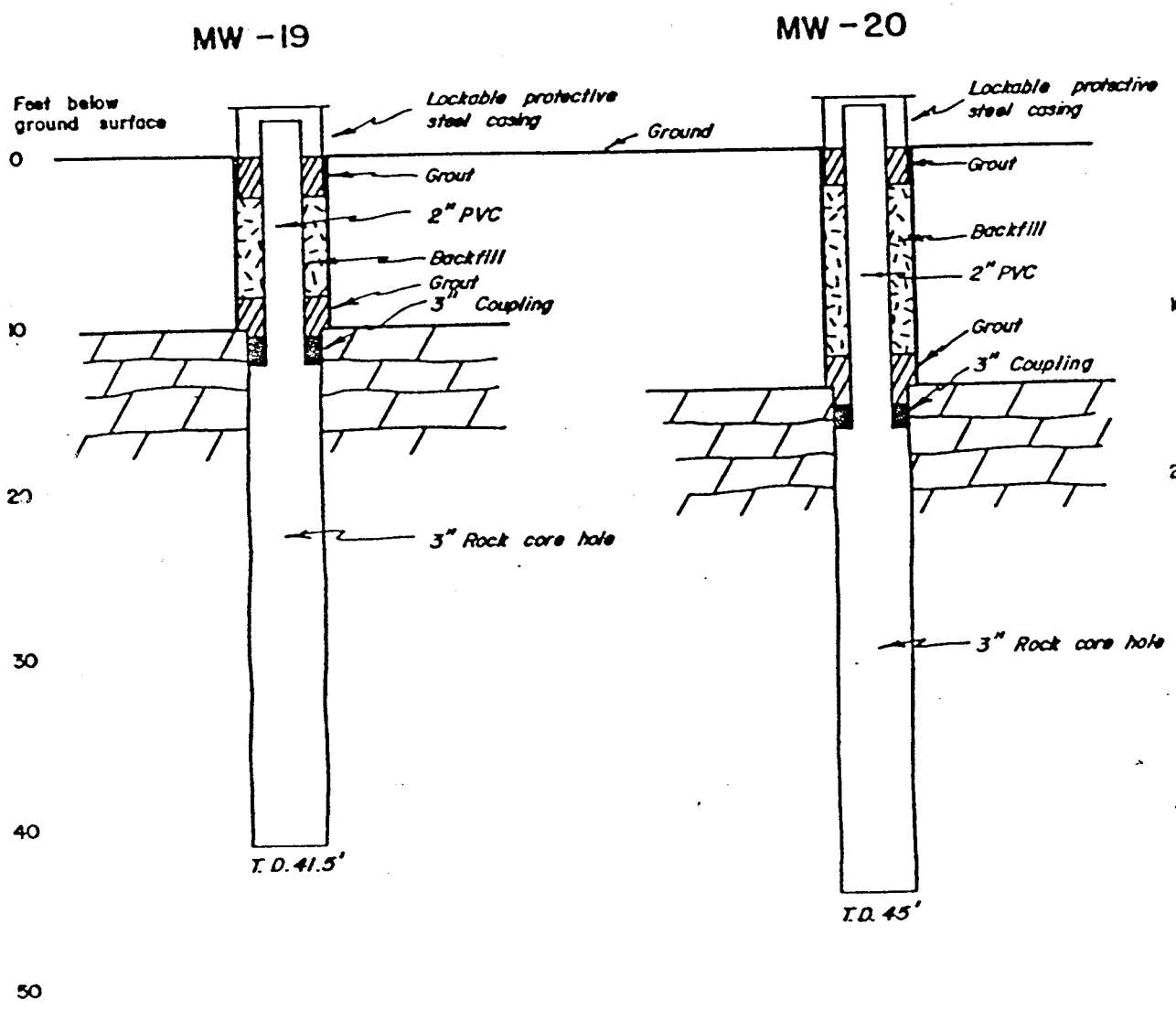
Ciba-Geigy

Glens Falls, New York

DGC Geologist: Steven Chisick

Driller: Richard Rappold

Construction Dates: MW-19 5/18/80-5/19/80; MW-20 5/20/80-5/21/80



Well Construction Diagram

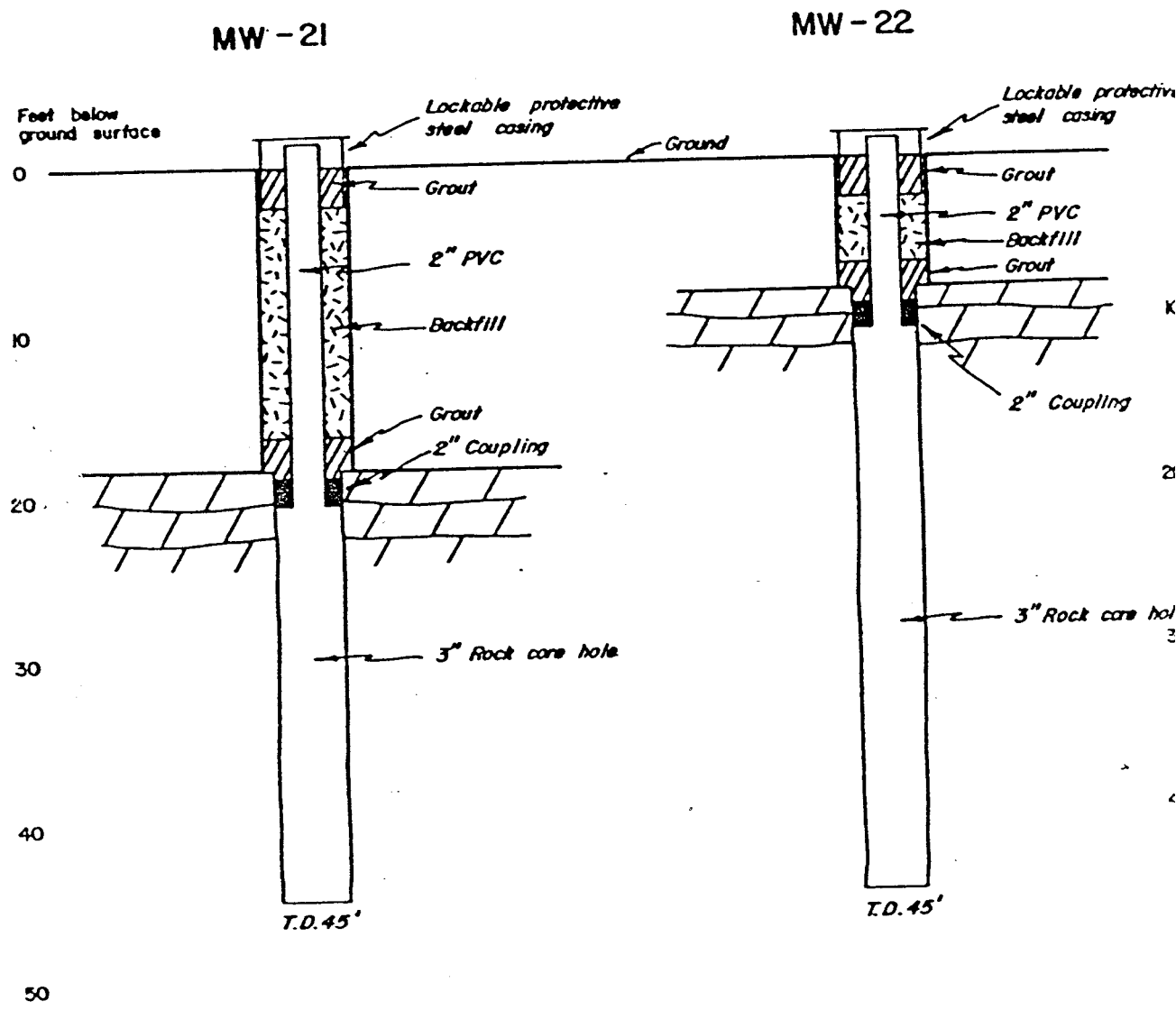
Ciba-Geigy

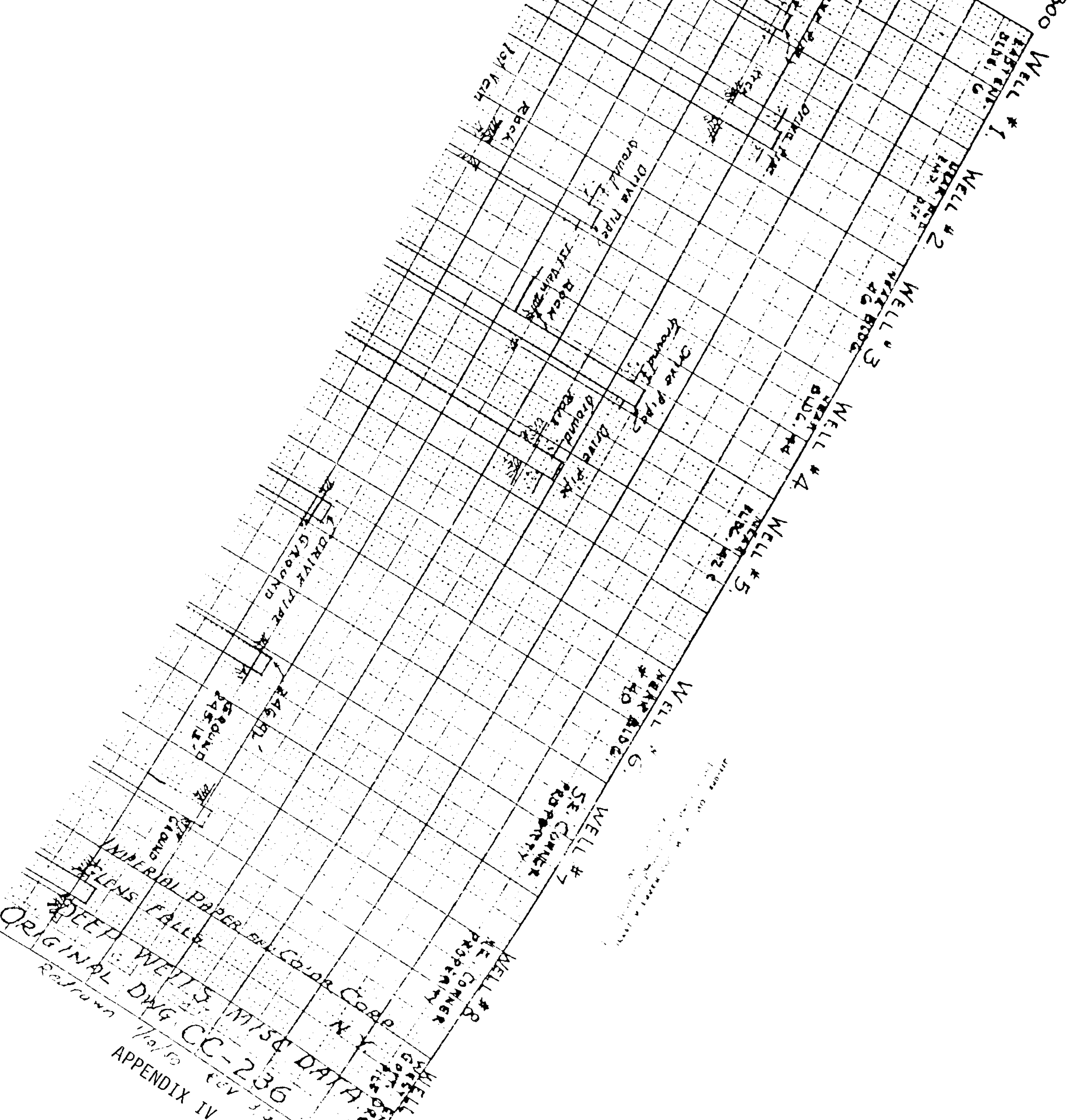
Glens Falls, New York

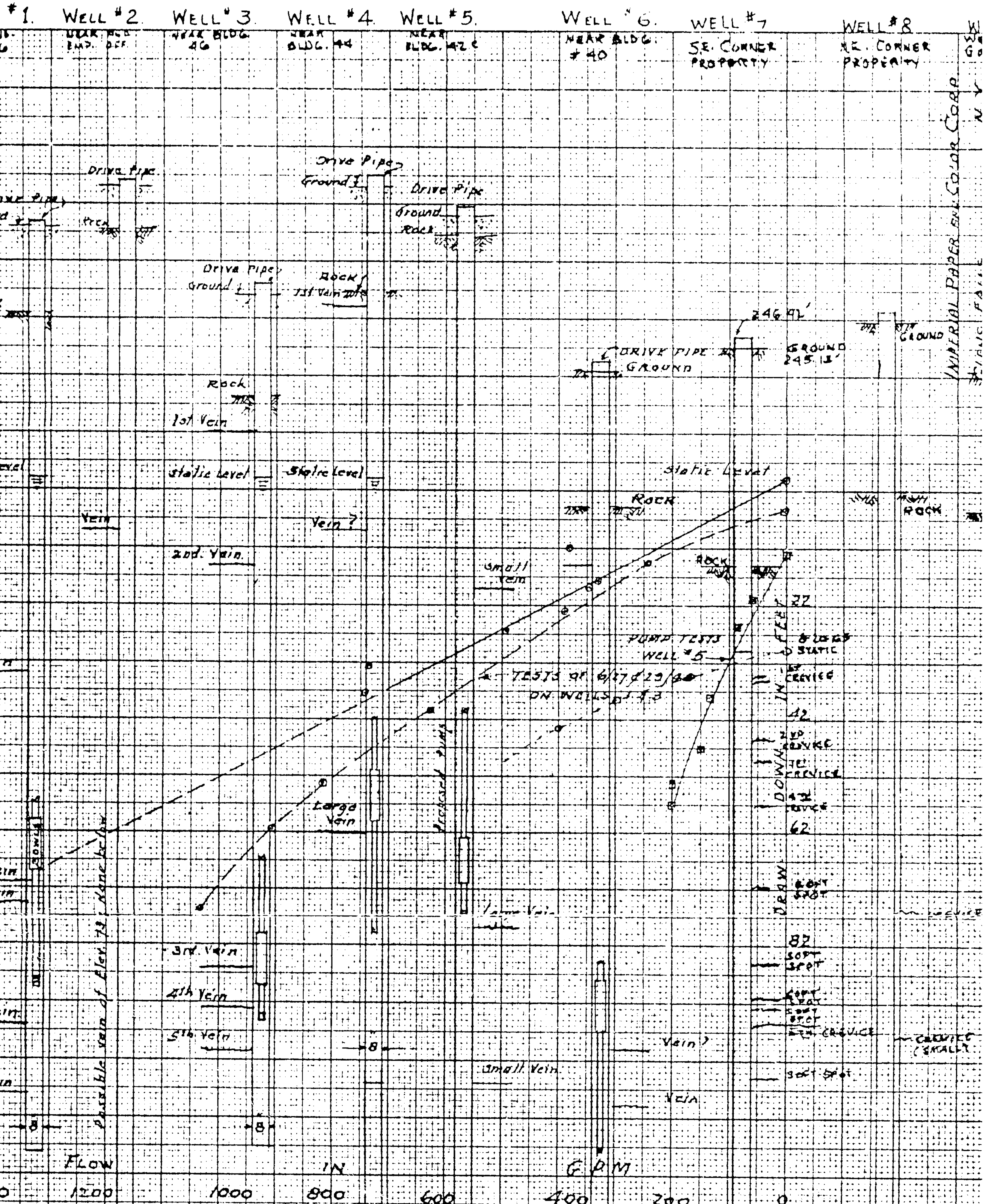
DGC Geologist: Steven Chisick

Driller: Richard Rappold

Construction Dates: MW-21 5/22/81; MW-22 5/22/81-5/26/81




WELL #1
WELL #2
WELL #3
WELL #4
WELL #5
WELL #6
WELL #7
WELL #8
WELL #9
SE CORNER PROPERTY
Drive Pipe
Ground
Rock
IMPERIAL PAPER AND COLOR CORP
GLENS FALLS N.Y.
DEEP WELLS MISC DATA
ORIGINAL DWG CC-236



WELL #1
WELL #2
NEAR BLD. EMP. OFF.
WELL #3
NEAR BLDG. 46
WELL #4
NEAR BLDG. 44
WELL #5
NEAR BLDG. 42 C
WELL #6
NEAR BLDG. # 40
WELL #7
S.E. CORNER PROPERTY
WELL #8
N.E. CORNER PROPERTY
Drive Pipe
Ground
Rock
1st Vein
Static Level
Vein
Vein ?
2nd. Vein
Small Vein
Large Vein
3rd. Vein
4th Vein
5th Vein
Small Vein
Vein
246.91'
GROUND 245.13'
DRIVE PIPE
GROUND
ROCK
POMP TESTS WELL #5
TESTS OF 6/17 & 29/ ON WELLS
DRAW DOWN IN FEET
22
42
62
82
STATIC
CREVICE
2ND CREVICE
3RD CREVICE
4TH CREVICE
SOFT SPOT
5TH CREVICE
CREVICE (SMALL)
BOWLS
Possible vein of Elev. 73 None below
FLOW IN G.P.M.
1200
1000
800
600
400
200
0
IMPERIAL PAPER AND COLOR CORP.

APPENDIX V
ROCK BORING LOGS

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by DL Turner Date Logged 2/4/87
Drilling Co. Soil & Material Testing, Inc.
Driller R. Rappold
Started 3/11/80 Finished 3/12/80

Hole B-1
Depth 40'
Elev.
Core Dia. NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0	0-11.5 OVERBURDEN		
				10			
				11.5	11.5-16.4 LIMESTONE - dk. gray - (N5) to med. gray (N4) fine gr. to med. gr. w/calcite veinlets in med. gr. zones, sl. fossiliferous		100
				15	16.4-20.0 LIMESTONE - dk. gray (N3), fn. gr. w/thin med. gr. zones at base of unit		100
				20	20.0-21.7 LIMESTONE - dk. gray (N3) fn. gr. w/shaly partings at top of unit and med. gr. zone at base of unit		
					21.7-24.4 LIMESTONE - med. gray (N5), med. gr., Fe Ox stained fractures, thinly bedded shaly partings		100
				25	24.4-26.5 LIMESTONE - dk. gray (N3), fine gr., 1"-2" med. gr. zones w/calcite rhombs and shell frags. and 1 mm calcite-filled fractures and veinlets		
					26.5-40.0 MISSING		
			TD-40'				

Hole No. B1
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by DL Turner Date Logged 2/5/87
Drilling Co. Soil & Material Testing, Inc.
Driller R. Rappold
Started 3/13/80 Finished 3/18/80

Hole B4
Depth
Elev.
Core Dia. NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0-26.5	OVERBURDEN		
				25			
				26.5-28.3	DOLOMITE - med. gray (N5), med. gr., sl. anastamosed, Tr. fn. gr. pyrite replaces some shell frags. and some laminae, Fe Ox stained fractures; soft sediment deformation apparent in shaly clasts.		100
				28.3-31.4	DOLOMITE - med.-med. lt. gray (N4-5); med.-fn. gr., shaly, argillaceous w/Tr. fn. gr. pyrite in shaly laminae; calcite rhombs. Calcite veinlets up to 3mm thick. Fe Ox stained fractures.		
				30			
				31.4-35.5	DOLOMITE - med.-med. lt. gray (N4-5); fn.-med. gr, argillaceous zone of soft sediment deformation in shaly clasts. Anastamosed texture		100
				35			
				35.5-36.3	DOLOMITE - med.-med. lt. gray (N4-5); med. gr., tr. fn. gr. pyrite, sl. argillaceous w/minor calcite veinlets 1mm. thick.		100
				36.3-40.0	DOLOMITE - dk. gray (N3); med. gr., argillaceous, shaly. Shaly partings common near base of unit. Tr. fn. gr. pyrite. Anastamosed texture, calcite veinlets and rhombs.		
				40			
				TD-40'			

Hole No. B7
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by DL Turner Date Logged 2/4/87
Drilling Co. Soil & Material Testing, Inc.
Driller R. Rappold
Started 3/14/80 Finished 3/16/80

Hole B-6
Depth 40'
Elev.
Core Dia. NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0	0-20' OVERBURDEN		
				20	20 -21.4 LIMESTONE - dk. gray, fn. gr. micritic (N3) oolitic, Tr, fn. gr. pyrite		
					21.4-25.0 med. gray (N5), fn. - med. gr. w/calcite rhombs, shaly partings		100
				25	25.0-27.0 LIMESTONE - 6" zone brecciated at top of core run dk. gray (N3) Fe Ox stained fractures		
							100
					27.0-29.0 LIMESTONE - med. gray (N4), med. gr. sl. oolitic, re-xlized shell frags. calcite rhombs in most xline zones sl. anastamosed texture		
				30	29.0-40.0' LIMESTONE - med. dk. gray (N3-N4) fn. gr. w/pockets of med. gr. and shell frags. highest degree of anastamosed texture in this zone. Calcite rhombs found in cs. gr. pockets & veinlets. Less anastamosed texture in lower 3' of unit.		100
				35			
				40	TD-40'		

Hole No. B6
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by DL Turner Date Logged 2/5/87
Drilling Co. Soil & Material Testing, Inc.
Driller R. Rappold
Started 3/18/80 Finished 3/18/80

Hole B8
Depth 45'
Elev.
Core Dia. NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0 -21.0	OVERBURDEN		
				20			
				21.0-24.6	LIMESTONE - dk.-med. dk. gray (N3-N4); fn.-med. gr.; sl. argillaceous, sl. anastamosed; Calcite rhombs common in pockets, calcite veinlets 1mm.		100
				24.6-26.1	LIMESTONE - dk. gray (N3); micritic, sl. argillaceous; small pockets of med. gr. w/small calcite rhombs more common near base of unit.		
				25			
				26.1-28.7	LIMESTONE - dk.-med. dk. gray (N3-N4); med. gr.; calcite veinlets (1mm) & calcite rhombs in pockets & fractures; argillaceous zones are fine grained.		100
				28.7-30.0	LIMESTONE - dk. gray (N3); micritic; calcite rhombs occur as veinlets & sm. pockets fn. gr. pyrite found in uppermost 1" of unit. Argillaceous, shaly; anastamosed at base of unit.		
				30			
				30.0-40.0	MISSING		0
				40			
				40.0-50.0	LIMESTONE - dk. gray (N3); micritic w/calcite veinlets		50
				45			
				TD-45'			

Hole No. B8
Sheet 1 of 1

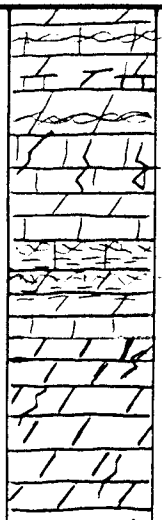
Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by DL Turner Date Logged 2/5/87
Drilling Co. Soil & Material Testing, Inc.
Driller R. Rappold
Started 3/19/80 Finished 3/24/80

Hole B10
Depth 53'
Elev.
Core Dia. NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0-15	OVERBURDEN		
				15.0-21.0	LIMESTONE - med.-dk. gray (N3-N4); micritic, argillaceous, anastamosed; calcite veinlets (1mm) & scattered sm. calcite rhombs in fractures. Sl. oolitic in places		100
				21.0-22.9	LIMESTONE - med.-dk. gray (N3-N4); micritic w/med. gr. layers (calcite rhombs) Fe Ox stained fractures, Tr. fn. gr. pyrite; anastamosed, argillaceous		
				22.9-25.0	LIMESTONE - med. gray (N4-N5); micritic, calcite filled fractures; sl. anastamosed, minor Fe Ox staining in fractures.		100
				25.0-35.0	LIMESTONE - dolomitic: med. lt. gray (N6); fn.-med. gr. hard, dense; calcite veinlets (1mm) calcite rhombs minor fill vugs, sl. petroliferous odor on fresh surface		100
				35.0-41.2	LIMESTONE - dolomitic; med. gray (N4), fine-med. gr., argillaceous, sl. anastamosed in places; calcite veinlets (1mm) calcite fills vugs; becomes shalier & more dolomitic near base of unit. Dolomitic concentrations vary; fn. gr. tarnished pyrite & Fe Ox stain		
				40.9-41.2			



41.2-46.3	LIMESTONE, dolomitic, - med. gray (N4), shaly, fn.-med. gr.; calcite veinlets Dolomitic concentrations vary; sl. anastamosed in finer grained sections	100
46.3-48.1	LIMESTONE, dolomitic, - (Less than overlying unit), very shaly, anastamosed argillaceous. Top of this unit marked by thin (¼") limey shale bed.	100
48.1-53.0	DOLOMITE - med. gray (N5-N4); fn-med. gr; some limey zones; vugs filled w/med.-lg. calcite rhombs (not common), calcite veinlets petroliferous odor on fresh surfaces	

Hole No. B10
Sheet 2 of 2

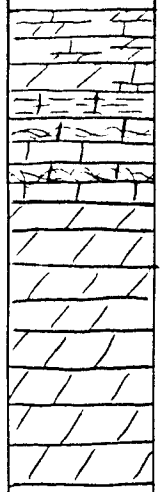
Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: DL Turner Date Logged: 2/5/87
Drilling Co.: Soil & Material Testing, Inc.
Driller: R. Rappold
Started: 3/24/80 Finished: 3/27/80

Hole: B11
Depth: 53
Elev.:
Core Dia.: NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0 - 12	OVERBURDEN		
				12.0-20.2	DOLOMITE - med. gray (N5) w/lime streaks in middle of unit. Calcite filled veinlets (1mm) sl. argillaceous; fn.-med. gr. calcite filled vugs (rare)		
				15			
				18.6-20.2	leached pyrite in shaly dolomite zone; this zone breaks easily on shaly surfaces		
				20			
				20.2-28.5	DOLOMITE - med. gray (N4-N5) zones of anastamosed texture, calcite veins, fn. gr. argillaceous zones (laminated silty layers)		100
				25			
				28.5-38.5	DOLOMITE - dk. gray (N3), fn. gr., argillaceous, sl. shaly zones		100
				30			
				32.0-38.5	calcite filled fractures & veinlets, anastamosed texture more apparent in this part of unit; fn.-med. gr. dolomite		100
				38.5-40.2	DOLOMITE - med. dk. gray (N4-N5), fn. gr., shaly laminations, argillaceous thinly laminated shale, calcite rhombs fill voids & fractures		
				35			
				39.0-40.2	fn. gr. disseminated pyrite in this interval. Tr to 1%		



40

45

50

53

TD-53'

40.2-42.0 LIMESTONE - highly dolomitized med. gray (N5-N6) predom. fn. gr. w/some med. gr. zones

42.0-45.7 LIMESTONE - sl. dolomitic ls. med. gray (N6) fn. gr.-med. gr.; anastamosed throughout unit; shaly partings and laminations at top 1' of unit

45.7-53.0 DOLOMITE - med. gray (N4-N5); fn. gr.; sl. fractured & filled w/calcite; argillaceous; shaly laminations. Fn. gr. disseminated pyrite

47.3-49.5 limey section of dolomite, calcite veinlets (< 1mm thick); silty, shaly laminations

49.5-53.0 dolomite w/shaly laminations and shaly partings near base of unit; oxidized pyrite in shaly partings & Tr. fn. gr. pyrite throughout interval; med. gray (N4)

100

70

Hole No. B11
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by DL Turner Date Logged 2/6/87
Drilling Co. Soil & Material Testing, Inc.
Driller R. Rappold
Started 3/27/80 Finished 3/27/80

Hole B13
Depth 42'
Elev.
Core Dia. NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0-37	OVERBURDEN		
				37.0-39.3	DOLOMITE - med. gray (N4); med. gr.; sml. amts of calcite as individual xls and replacing shell frags. w/limey sections; shaly laminations		98
				39.3-42.0	DOLOMITE - med. gray (N4-N5); fn. gr.; lg. calcite rhombs; calcite filled fractures (<1mm) at end of run. Shaly laminations		
				40			
			TD-42'				

Hole No. B13
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

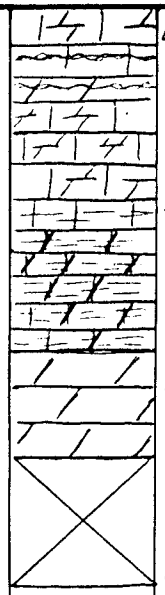
Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: DL Turner Date Logged: 2/6/87
Drilling Co.: Soil & Material Testing, Inc.
Driller: R. Rappold
Started: 3/31/80 Finished: 4/1/80

Hole: B15
Depth: 60'
Elev.:
Core Dia.: NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0	0 -26.0 OVERBURDEN		
				25	26.0-30.0 LIMESTONE - med. dk. gray (N4); fn. gr., shaly partings & laminations, argillaceous, dolomitic zones; brecciated near top of 1st core run. V. sl. anastamosed; brecciated zone corresponds to zone of leached pyrite		100
				30	30.0-47.7 LIMESTONE, dolomitic- med. dk. gray (N4-N5); anastamosed; shaly, w/shaly partings, very argillaceous, laminated, fn.-med. gr., sml calcite rhombs as single xls and in pockets; v. thin (1mm) calcite filled fractures; brecciated at top of 3rd core run & stained by leached pyrite		100
				35			
							100
					39.4-43.0 this interval not anastamosed		
				40			
				45			

Hole No. B15
Sheet 1 of 2



45	43.0-47.8	anastamosed, v. argillaceous, shaly laminated, calcite filled fractures & pockets (vugs?) base of unit marked by very shaly 0.5' thick zone. Unit below less shaly; hard, dense.	
	47.8-50.8	LIMESTONE, dolomitic - med. gray (N4), sl. argillaceous, shaly, laminated, slight anastamosed, V. hard and dense. Fractures rare, calcite filled pockets or vugs fn.-med. gr.	100
50	50.8-56.7	DOLOMITE - limey, med-lt. gray, (N4-N6) shaly, laminated, argillaceous, med.-fn. gr.	100
55	50.8-51.3	this zone less shaly than zone below and finely laminated (N6) lt. gray, sl. argillaceous	
	51.3-56.7	med. gray (N4), shaly, argillaceous, limey dolomite (interbedded w/non-limey zones); Tr. fn. gr. dissem. pyrite near top of this zone	
	56.7-60.0	SECTION MISSING	
60			
TD-60'			

Hole No. B15
Sheet 2 of 2

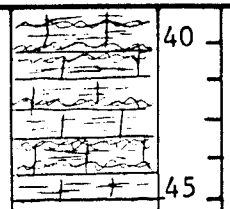
Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: DL Turner Date Logged: 2/6/87
Drilling Co.: Soil & Material Testing, Inc.
Driller: R. Rappold
Started: 5/20/81 Finished: 5/21/81

Hole: B20
Depth: 45'
Elev.:
Core Dia.: NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0-16	OVERBURDEN		
				15			
				16.0-22.7	LIMESTONE, dolomitic - med. gray (N4), fn.-med. gr. argillaceous, shaly, hard, dense, laminated thin zones are anastamosed, fractures rare		100
				20			
				22.7-45.0	LIMESTONE - sl. dolomitic & v. argillaceous & v. shaly; fn.-med. gr., med.-dk. gray (N3-N4); core breaks along shale partings, laminated. Calcite filled vugs or pockets; brittle, hard, dense		100
				25			
				28.3-45.0	anastamosed texture, v. shaly & argillaceous calcite filled veinlets & pockets (vugs?). Core breaks along shale partings but is brittle, hard, dense		100
				30			
							100
				35			



40

45

TD-45'

100

Hole No. B20
Sheet 2 of 2

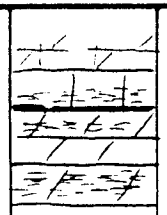
Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: DL Turner Date Logged: 2/6/87
Drilling Co.: Soil & Material Testing Incorporated
Driller: R. Rappold
Started: 5/27/81 Finished: 5/27/81

Hole: B21
Depth: 45'
Elev.:
Core Dia.: NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0-19.5	OVERBURDEN		
				19.5-38.0	DOLOMITE - med. gray (N4-N5), med. gr., calcite in v. sm, xls & filling fractures (1mm), lg. calcite xls rare. limey zones, sl. argillaceous, sl. shaly; hard, dense; tr. tarnished pyrite disseminated in various parts of section. middle part of unit is N5 color mottled by darker gray		100
				20			
				25			
				25.4-25.7	shaly, argillaceous interval, parts yellowed by Fe Ox		
				30			
				25.7-30.2	shaly, argillaceous interval, parts yellowed by Fe Ox		100
				30.2-32.2	return to N4 color; large vertical fracture lined w/calcite (1-2mm thick); sl. anastamosed shaly and argillaceous		
				32.2-38.0	limey content increases, lg. & sm. calcite rhombs common, mottled w/darker gray increased shaliness & anastamosed at base of unit		
				35			
				38.0-43.0	LIMESTONE, dolomitic - med. dk. gray (N4), fn.-med. gr. laminated, v. shaly anastamosed, top of unit marked by shale break		100
				41.8-43.0	shaly, partings common		
				40			
				43.0-45.0	DOLOMITE - shaly, med. dk. gray (N4), fn. gr.; dolomitic shale beds		
				44.2	pink calcite fills lg. vug		



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45

TD-45'

Hole No. B21
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

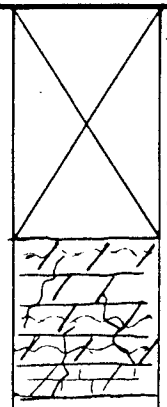
Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: DL Turner Date Logged: 2/9/87
Drilling Co.: Soil and Material Testing, Inc.
Driller: R. Rappold
Started: 5/22/81 Finished: 5/26/81

Hole: B22
Depth: 45'
Elev.:
Core Dia.: NX

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks, etc.	Angle of Bedding to Core	% Core Recovery
				0	0 -9.5 OVERBURDEN		
				10	9.5-25.0 LIMESTONE, dolomitic - med. dk. gray (N4); fn.-med. gr.; calcite filled fractures & veinlets common; argillaceous, shaly laminations, sl. anastamosed hard, brittle, dense		100
				15			
				20	18.6-25.0 v. sl. dolomitic limestone, same description as above, but less shaly		100
				25	25.0-41.0 RUN 3 & PART OF RUN 4 MISSING & NOT LOGGED		
				30			
				35			

Hole No. B22
Sheet 1 of 2



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45

TD-45'

41.0-45.0 DOLOMITE - med. gr. (N5); med.-fn.gr.; calcite filled fractures & veinlets anastamosed, sl. argillaceous, shaly; becomes limey in lowermost 1.5'; hard, dense

100

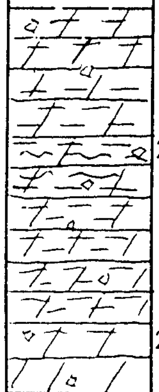
Hole No. B22
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner — Date Logged: 4/10/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/27/87 — Finished: 3/27/87

Hole: MW-17S (MW-17A)
Depth: 26.35'
Elev.:
Core Dia.: 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc	Feet	RQD / REC
				0.0-11.0' OVERBURDEN		
			15			
				16.35-26.35' DOLOMITE - fn.-med. xline; med.-med. lt. gray (N5-N6); large (up to ½") calcite-filled vugs; sl. argillaceous and laminated; sl. anastamosed in lower parts of unit. (D2), (S1), (F2-F3), moderately hard to hard	16.35	
				19.6-21.0' marked chg. in color to med. dk. gray (N4); argillaceous, shaly laminations and parting in uppermost 1.0'. Gradationally returns to medium gray (N5) lower in this interval		REC 9.6'
			20		RUN 1	RQD 81.25%
			25		26.35	
		TD=26.35		* water flowing from well when finished		
			30			

Hole No. MW-17A
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/10/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Denny Barrows
Started 3/30/87 Finished 3/30/87

Hole MW-20S
Depth 31.0'
Elev.
Core Dia. 2 1/8"

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.)	Feet	RQD	REC
					0.0-15.0' OVERBURDEN			
				20				
					21.0-31.0' LIMESTONE - med. dk. gray (N3-N4); micritic - med. xline; argillaceous, fractured (lined w/calcite & yellowish orange FeOx stain); sl. "anastamosed" zones of calcite replacement of fossil frags & vugs; sl. dolomitic in bottom 2'. Some "anastamosed" shaley partings near base of unit. (D1-D2), (S1-S2) (F3-F4), hard	21.0		
				25	26.6-28.4' highly fragmented core due to fracturing; yellow & purple staining along some fracture partings		RUN 1 4.6' 28%	
						26.0		
							RUN 2 3.4' 28%	
				30		31.0'		
			TD=31.0'					

Hole No MW-20S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/10/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Denny Barrows
Started 3/30/87 Finished 3/30/87

Hole MW-20D
Depth 55.1'
Elev.
Core Dia. 2 1/8"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc)
			0	0.0-15.0' OVERBURDEN
				15.0-45.1' ROCK SOCKET
			45	45.1-48.3' LIMESTONE - dolomitic, med. dk. gray (N3-N4) micritic-med. xline; argillaceous, shaley laminations sl. "anastamosed"; minor fracturing (fragmented core uppermost 1.0'). Calcite replaces fossil frags & vugs. (D1-D2), (S2-S2), (F3-F5), hard
				48.3-55.1' DOLOMITE - med. gray (N5), fn.-med. gr. xline; hard, dense; fractures & vugs filled w/pink to white calcite. Sl. "anastamosed" at top of unit; sl. argillaceous. Massively bedded. (D1-D2), (S1), (F2-F4)
			50	
			55	TD=55.1'

Feet	RQD / REC
45.1'	
	RUN 1 4.0' 33%
50.1'	
	RUN 2 4.5' 75%
55.1'	

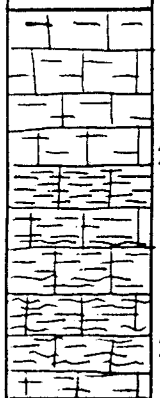
Hole No. MW-20D
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner — Date Logged: 4/9/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: John McCadden
Started: 3/31/87 — Finished: 3/31/87

Hole: MW-23S
Depth: 26.5'
Elev.:
Core Dia.: 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc	Feet	RQD / REC
				0.0-11.6' OVERBURDEN		
			20, 25, 30	16.5-26.5' LIMESTONE - med. dk. gray (N3-N4); micritic w/med. xline zones of calcite xls; hairline fractures lined w/calcite and/or FeOx stained (altered pyrite); argillaceous, "anastamosed"(stromatolitic) texture. (D1-D2), (S2), (F2-F4) 20.2-21.1' very argillaceous, clayey, "anastamosed" 21.1-26.5' very argillaceous, "anastamosed"; small vugs & worm holes filled with calcite are common. Core breaks on anastamosed surfaces	16.5' RUN 1 26.5'	REC 9.8' RQD 82%
		TD=26.5'				

Hole No. MW-23S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

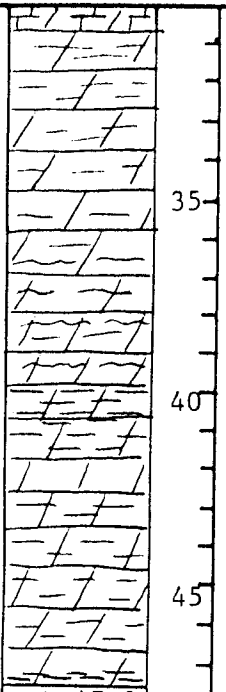
Logged by D.L. Turner Date Logged 4/2/87
Drilling Co. CATOH Environmental Co., Inc.
Driller John McCadden
Started 3/31/87 Finished 3/31/87

Hole MW-23D
Depth 47.9'
Elev.
Core Dia. 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color; grain size; texture; bedding; minerals; remarks; etc
				0.0-11.6' OVERBURDEN
				13.2-30.6' LIMESTONE - sl. dolomitic-dk.-med. gray (N3-N4); mostly micritic w/med. xline zones of calcite in pockets & vugs; argillaceous, laminated; anastamosed; thin shaley intervals; fractures uncommon (but not rare) and are lined w/calcite. (D1-D2), (S1-S2), (F2-F3), hard to very hard
			15	
			20	21.0-23.0' shale breaks concentrated in this interval, not dolomitic below this point
			25	27.0 - 0.1' thick shaley layer w/reworked gravel-sized limestone
				28.6-29.6' fractures and some shale partings stained w/yellowish FeOx
			30	
				30.6-31.0' DOLOMITIC LIMESTONE - shaley-med. dk. gr (N5); very argillaceous & micritic
				31.0-47.9' DOLOMITE - sl. limey; top of unit below a distinct shale break & color change to med. lt. gray (N5); micritic-med. xline (calcite rhombs in dolomite matrix). (D1-D2), (S1-S2), (F1-F4) Hard & dense: bottom of Run 2 broke inside core barrel (32.6) yielding less core recovery on Run 2 and too much core on Run 3.
			35	32.6 Dolomite becomes sl. argillaceous w/tr. disseminated pyrite; sl. anastamosed; fractures well cemented w/calcite; limey composition & calcite xls absent.

Feet	RQD / REC
13.2'	
	RUN 1 — 10.0' — 71%
23.2'	
	RUN 2 — 9.4' — 82.5%
33.2'	

Hole No. MW-23D
Sheet 1 of 2



35

40

45

50

37.4-37.5' anastamosed, shaley bed. Sl. color chg. to med. gray (N4) & large vugs (up to ½") filled w/calcite below this bed.

37.9-39.8' sl. anastamosed, a few calcite filled vugs; argillaceous

39.8-41.6' very anastamosed, very argillaceous, shaley

41.6-44.1' less anastamosed, less argillaceous than overlying interval

44.1-44.6' anastamosed, very shaley and argillaceous

44.6-47.9' chg. to sl. larger grain size, med. gray (N4); argillaceous shaley laminations, not "anastamosed". Core at TD marked by laminated shale break

*Run 3 was cored from 33.2' to 38.4', when the core hole was reamed to install the 4" PVC riser the reaming bit was only advanced to 37.9', thus, there is a .5' overlap from Run 3 to Run 4.

33.2

RUN 3

5.8'

100%

* 37.9

38.4

8.86

RUN 4

90%

47.9

Hole No. MW-23D

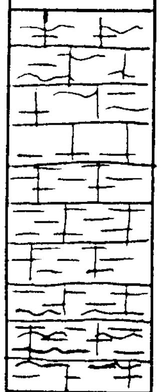
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner | Date Logged: 3/31/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/26/87 | Finished: 3/26/87

Hole: MW-25S
Depth: 39.7'
Elev.:
Core Dia.: 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc		Feet	RQD / REC
				0.0-24.5'	OVERBURDEN		
			30	29.7-39.4'	LIMESTONE - Med. dk. gray (N3-N4); micritic w/pockets of med. xline calcite; argillaceous, shaly partings; sl. anastamosed texture in thin zones; (D2), (S1), (F4-F5), hard to moderately hard	29.7	9.4'
					33.9-34.2 Tr. fn. gr. pyrite, partially oxidized 33.9-39.4 highly argillaceous, shaly partings		
			35			RUN 1	55.7%
					37.8-39.4 anastamosed texture more common		
						39.4	
		TD=39.4'	40				

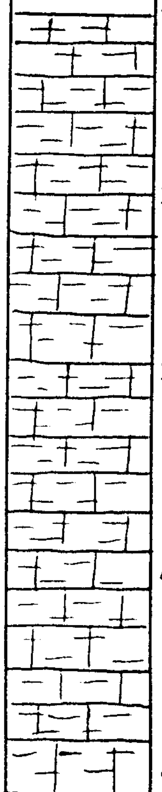
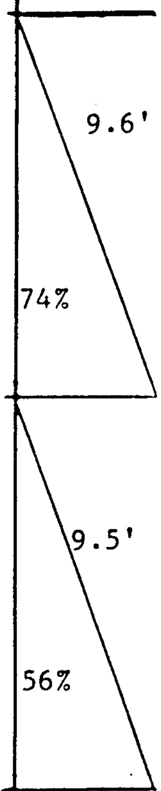
Hole No. MW-25S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

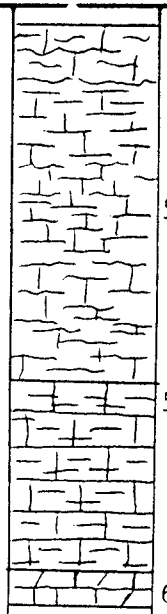
Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner | Date Logged: 4/1/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/5/87 | Finished: 4/1/87

Hole: MW-25D
Depth: 60.7'
Elev.:
Core Dia.: 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc		Feet	RQD / REC
				0.0-24.5'	OVERBURDEN		
			25	25.4-45.5'	LIMESTONE - dk. gray (N3), micritic; argillaceous, laminated, some shaly partings, calcite xls found in coarser gr. zones & vugs. Fn. gr. pyrite in some horizons (Tr.), fracturing rare. (D1-D2), (S1-S2), (F2-F4), hard to moderately hard	25.4	
			30			RUN 1	REC 9.6', RQD 74%
			35		36.0-45.5' anastamosed (stromatolitic texture), calcite xls replace some small worm tubes	35.4	
			40			RUN 2	REC 9.5', RQD 56%
			45			45.4'	

Hole No. MW-25D
Sheet 1 of 2



45.5-54.8' SHALY LIMESTONE - dark gray (N3), micritic shalier & more argillaceous; "anastamosed"; calcite-filled tubes & vugs more common; core usually breaks along anastamosed shale beds. (D1-D2), (S1-S2), (F2-F4), moderately hard to hard

49.5' "anastamosed", silty layer w/pyrite, grayish black to dk. gray (N2) 1" thick

50.4-50.9' overcored, begin coring again at 50.9'

50.7-52.0' calcite filled worm tubes & vugs more common

54.8-59.8' LIMESTONE - Med. dk. gray (N4), micritic, argillaceous, but less shaly than overlying unit "anastamosed", calcite-filled vugs & worm tubes

59.8-60.7' DOLOMITIC LIMESTONE - med. to dk. gray (N4-N5), fine xline, sl. argillaceous; larger, calcite-filled vugs common (10-15 mm); hard, dense; 54.8'-60.7' (D1-D2), (S2), (F2-F4), moderately hard

50

55

60

TD=60.7'

45.4

RUN 3 4.9' 92%

50.4

RUN 4 4.65' 24%

55.7

RUN 5 3.85 59%

60.7

Hole No. MW-25D

Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner Date Logged: 4/7/87
Drilling Co.: CATOH Environmental Co. Inc.
Driller: John McCadden
Started: 4/1/87 Finished: 4/2/87

Hole: MW-27S
Depth: 42.5'
Elev.:
Core Dia.: 2 1/8"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.)	Feet	RUN	RQD	REC
				0.0-24.0' OVERBURDEN				
				33.0-38.2' LIMESTONE - micritic, dk. gr. (N3); argillaceous, shaly; med. gr. zones of calcite; sl. anastamosed zones; core normally fractures on shaly partings; small vugs w/calcite; (D1-D2), (S2), (F3-F5)	33.0	RUN 1	4.08	29%
			35					
				38.2-39.2' sl. color chg. to lighter gray (N4); med. gr., small calcite-filled vugs; minor fracturing	38.0			
			40	39.2-42.5' Med. dk. gray (N4); micritic, thinly bedded, shaly; fractured at bottom of Run #2; core breaks along shaly partings; 38.2'-42.5': (D1-D2), (S2), (F3-F5), moderately hard		RUN 2	2.65	16%
		TD=42.5'			42.5			
			45					

Hole No. MW-28S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

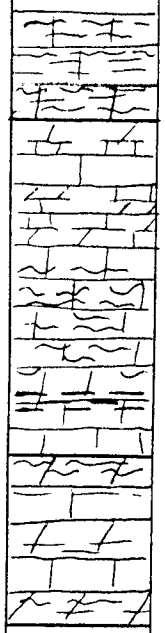
Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner Date Logged: 4/9/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/2/87 Finished: 4/2/87

Hole: MW-27D
Depth: 66.0'
Elev.:
Core Dia.: 1 3/4"/2 1/8"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.)	Feet	RQD / REC
				0.0-24.0' OVERBURDEN		
				28.9-31.0' LIMESTONE - med. dk. gray (N4); med. xline; argillaceous, fragmented at top of Run #1; not "anastamosed".	28.9	RUN 1: 1.6 / 66%
			30	31.0-40.7' LIMESTONE - med. dk. gray (N4); micritic w/med. xline zones from 0.2-0.5' thick. Fossil fragments (up to ½" across, ¼" wide) filled w/calcite throughout interval; laminated, argillaceous, but generally not anastamosed. (D1-D2), (S2), (F2-F4)	30.9	RUN 2: 8.6 / 57%
			35	38.6-40.7' shaly, micritic, thinly bedded, numerous breaks in core along shaly partings	39.8	
			40	40.7-44.3' LIMESTONE - dk.-med. dk. gray (N3-N4); generally micritic, some sl. "anastamosed" zones; laminated, argillaceous; small, calcite-filled vugs (chiefly at top of interval		RUN 3: 9.9 / 72%
				41.8' shale bed, 1" thick		
			45	44.3-53.0' LIMESTONE - dk. gray to med. dk. gray (N3-N4); micritic; very clayey & "anastamosed"; core breaks easily along shaly, anastamosed beds; numerous small vugs & worm burrows filled w/calcite; this unit darkens to dk. gray (N3) w/depth. (D1-D2), (S2-S3), (F2-F4)		
			50		50.1	

Hole No. MW-28D
Sheet 1 of 2



51.8-54.1 numerous black shale laminations, commonly "anastamosed"

52.9-53.0 shale bed, black, fissile, "coaly" texture

XX Air rotary rig over reamed hole 1.9' (from 54.1 to 56.0') that portion of core is missing

53.0-61.7' LIMESTONE - Sl. dolomitic in uppermost 4'; grayish black to dk. gray (N2-N3) micritic, very clayey & "anastamosed"; hard, dense; core breaks along anastamosed shale beds; calcite-filled vugs, some shaly partings at 60.0' (fragmented core), also fragmented at top of Run #6. (D1-D2), (S2-S3), (F2-F4)

61.7-66.0' DOLOMITIC LIMESTONE - med. gray (N4-N5); fn.-med. xline (med. gr. more common towards the T.D.); sl. argillaceous, sl. "anastamosed"; upper contact of this unit marked by "anastamosed" shale break in overlying limestone. Becomes increasingly dolomitic towards T.D. (D1-D2), (S2-S3), (F2-F4)

50.1' RUN 4 3.9 69% 54.1'

56.0' RUN 5 4.56 45% 61.0'

RUN 6 4.45 49% 66.0'

Hole No. MW-28D
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/10/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Art Utter, Jr.
Started 3/25/87 Finished 3/25/87

Hole MW-29S
Depth 39.5'
Elev.
Core Dia. 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc	Feet	RQD / REC
			0.0-27.0'	OVERBURDEN		
			32.0-39.5'	LIMESTONE - micritic; med. dk. gray (N3-N4); argillaceous, fractured, usually calcite filled and/or lined w/yellowish-orange FeOx stain; Tr. disseminated pyrite; some parts of core fragmented; fractures average 1 mm or more wide. Calcite replaces fossil fragments. sl. anastamosed in some horizons. 34.1-34.9' dense zone of fossil fragments replaced by calcite (brachs., crinoids, etc.). (D2), (S1), (F4-F5), moderately hard to hard	32.0	
			35		RUN 1	5.75 / 29%
		TD=39.5'	40		39.5	

Hole No. MW-29S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L.Turner Date Logged 4/1/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Denny Barrows
Started 3/11/87 Finished 3/11/87

Hole MW-30S
Depth 32.1'
Elev.
Core Dia. 2 1/8"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc)	Feet	RQD / REC
				0.0-16.8' OVERBURDEN		
			20			
				21.9-27.1' DOLOMITE, limey - med. lt. gray (N5-N6), fn. xline; fractured & filled w/calcite; argillaceous, laminated. Zones of mottled med. dk Gray (N4), (D1-D2), (S1), (F2-F4), Hard	21.9	RUN 1: 5.0 / 88%
			25			
				27.1-28.4' DOLOMITE - med. lt. gray (N5-N6); micritic to fn. xline; zones of mottled darker gray (N4); hard, dense; sl. argillaceous, minor fracturing & filled with calcite, few small vugs w/calcite. (D1-D2), (S1), (F2-F3)	27.0	RUN 2: 4.8 / 83%
			30			
				28.4-32.1' DOLOMITE - med. lt gray (N5-N6), fn.-med. xline; fractures filled w/calcite "anastamosed", some zones more intensely "anastamosed"; argillaceous, (D1-D2), (S1), (F2-F3)	32.1	
		TD=32.1'				

Hole No. MW-30S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

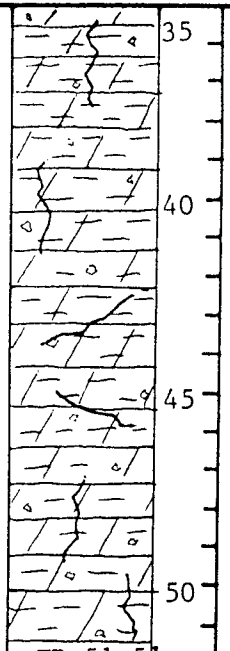
Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner Date Logged: 4/1/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Denny Barrows
Started: 3/3/87 Finished: 3/10/87

Hole: MW-30D
Depth: 51.5'
Elev.: ____
Core Dia.: 2 1/8"

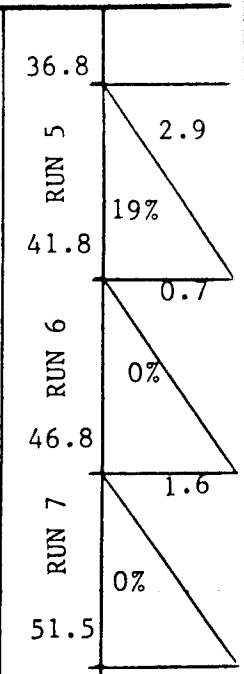
Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.	Feet	RUN	RQD / REC
			0	0.0-16.8' OVERBURDEN			
			15		16.8		
				16.8-32.3' DOLOMITE - med.-dk. gray (N3-N5), med. xline; calcite filled fractures sl. limey; laminated, argillaceous, shaly partings at top of run; hard, dense; vugs & fractures filled w/calcite (fn. gr in fractures, xline in vugs) sl. limey throughout. (D1-D2), (S1), (F2-F4)		RUN 1	4.6
				16.8-18.2' darkest color (N3) of interval and also the most argillaceous of the unit			
			20	21.5-22.8' traces of relict fossil fragments and fn. gr. pyrite; base of interval marked by thin shale break.	21.8'		0%
				21.5-29.6' sl. color change, generally N5, interbedded w/zones of mottled darker gray; generally less argillaceous but w/distinct shale breaks.		RUN 2	4.75
			25		26.8		34%
				28.7-32.3' "anastamosed" texture thru out med. gray (N4-N5); base marked by 0.5 thick shaly anastamosed dolomite.		RUN 3	4.7'
			30		31.8		77%
				32.3-51.5' DOLOMITE - med. lt. gray (N4-N5); fn.-med. xline; fractured and vuggy (some zones more so than others); hard, dense zones interbedded in softer, vuggy zones. Argillaceous and laminated. (D1-D2), (S1), (F4-F5)		RUN 4	3.6
			35				16%
					36.8		

Hole No. MW-30D
Sheet 1 of 2



34.1-51.5' core fragmented when recovered due to vugs and fractures. More competent, less fractured zone near top of Run 5 (36.8-38.6); gypsum & calcite fill fractures.

36.8-51.5' generally darker (N4) some zones "anastamosed"



Hole No. MW-30D
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner Date Logged: 4/2/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/27/87 Finished: 3/27/87

Hole: MW-33S
Depth: 31.9'
Elev.:
Core Dia.: 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5"	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.)	Feet	RQD / REC
				0.0-16.0' OVERBURDEN		
				22.3-31.9' DOLOMITE - fn.-med. xline; med. gray (N4-N6); very hard & dense, "anastamosed" & shaly in places, shaly laminations & argillaceous. (D2), (S1), (F2-F4)	22.3	
			25	23.0-23.5' "anastamosed", med. dk. gray (N4), Tr. fn. gr. pyrite		9.5
				25.3-27.5' sl. "anastamosed"; med. dk. gray-med. gray (N4-N5); Tr. fn. pyrite in blebs and disseminated	RUN 1	
			30	28.2-30.1' "anastamosed" w/shaly, partings, fn.-med. gr., minor fracturing, more argillaceous than overlying unit.		86.8%
		TD=31.9'		30.1-31.9' thin fractures lined w/calcite, argillaceous & sl. "anastamosed" in short intervals	31.9	

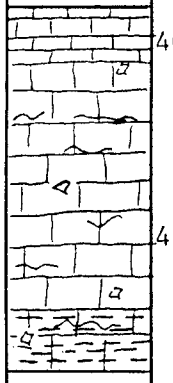
Hole No. MW-33S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/10/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Denny Barrows
Started 3/29/87 Finished 3/29/87

Hole MW-35S
Depth 48.6'
Elev.
Core Dia. 2 1/8"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc
				0.0-34.0' OVERBURDEN
			40	39.2-48.6' LIMESTONE - med. gray (N5); micritic; argillaceous, shaly laminations; (thinly bedded in top 1.5'); fn. gr. disseminated tarnished pyrite; fractured (filled w/calcite or lined w/yellow-orange FeOx stain); parts of core highly fragmented sl. "anastamosed"; calcite replaces fossil frags & vugs. (D1-D2), (S1-S2), (F3-F5), hard
			45	47.2-48.6 v. argillaceous, soft, fragmented
		TD=48.6	50	

Feet: 39.2' | RUN 1: 5.2 | 19% | 47.2' | RUN 2: 1.2 | 0% | 48.6'

RQD REC

Hole No. MW-35S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/2/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Mike Crosby
Started 2/27/87 Finished 3/26/87

Hole MW-33D
Depth 52.4'
Elev.
Core Dia. 1 3/4"

Member	Zone/Unit	Graphic Log 1" = 5'	Depth

Descriptive Log

ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc

0.0- 16.0' OVERBURDEN

17.4-42.8' DOLOMITE - med. gray (N4-N5) fn.-med. xline; shaly laminations, sl. "anastamosed"; small amt. of fracturing. Tr. fn. gr. disseminated pyrite conformable to bedding; some zones up to 1% pyrite calcite filled vugs & pockets in med part of unit. (D1-D2), (S2), (F2-F3), hard

27.4-29.3' shalier interval w/shaly partings; oxidized pyrite on some shaly surfaces; sl. color change to N3.

29.3-33.0' larger, calcite filled vugs in this interval, sl. "anastamosed", med. gray (N5-N6), thin limey intervals.

33.0-3.54' calcite filled fractures

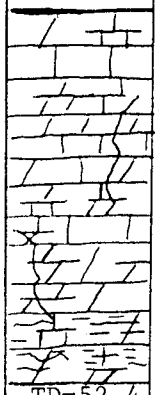
35.0-38.5' shalier, "anastamosed" interval; minor Fe Ox stain; tr. disseminated pyrite med. dk. gray (N4-N5)

38.5-41.5' sl. "anastamosed", shaly laminations med. gray (N5), fn. med. gr., shaly partings rare

41.5-42.8' GAP IN CORE

Feet	RQD	REC
17.4'		
RUN 1		9.6
		84%
27.4'		
RUN 2		7.4
		82%
35.4		
RUN 3		6.1
42.8		82%

Hole No. MW-33D
Sheet 1 of 2



42.8-52.4' DOLOMIT LIMESTONE - med.-lt. gray (N5-N6); fn.-med. xline; shaly laminations & anastamosed texture not as prevalent. Calcite-filled voids & vugs common. Minor fracturing. Some fractures up to 2 mm. wide. (D2), (S1), (F2-F3), hard

51.3-52.4' shalier; anastamosed interval

RUN 4

42.8

8.8

24.6%

52.4

Hole No. MW-33D

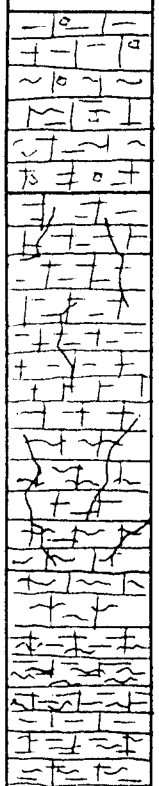
Sheet 2 of 2

Du... Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner — Date Logged: 3/31/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/15/87 — Finished: 3/15/87

Hole: MW-35D
Depth: 61.2'
Elev.:
Core Dia.: 1 3/4"

Formation	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc)	Feet	RQD / REC
				35–55	0.0-34.0' OVERBURDEN		
					36.3-61.2' LIMESTONE - micritic; med. gray-dk. gr. (N3-N5), very argillaceous, laminated; shell fragments rare; calcite filled vugs; (D1-D2), (S2), (F3-F5), hard	36.3'	
					38.5-41.1' fn. gr., very argillaceous, shaly partings and laminations; thin zones, sl. "anastamosed", no shell frags., calcite rare	RUN 1	RQD 30%; REC 6.9
					41.1-46.3' core highly fragmented some fractures filled w/calcite		
					46.3-50.4' "anastamosed", argillaceous; calcite-filled fractures 1 mm thick & calcite vugs; Tr. fn. gr. pyrite, mostly oxidized (yellow stain) includes a fragmented zone (from coring) 47.4-47.9'; (D1-D2), (S1-S2), (F3-F4)	45.8'	
					50.4-51.5' argillaceous, dense, fn.-med. gr. w/calcite vugs & filling fractures; FeOx stain (yellow); wide (0.2-0.5") calcite-filled fractures at base of this unit. (D1-D2), (S1-S2), (F3-F4)	RUN 2	RQD 49%; REC 9.5
					51.5-54.1' fn. gr., argillaceous, shaly partings; shaly bed at 51.8-52.0'; calcite-filled vugs, "anastamosed" and very shaly below the shaly bed; dk. gray (N3); fractures 1 mm thick; (D1-D2), (S1-S2), (F3-F4)	55.7'	

Hole No. MW-35D
Sheet 1 of 2

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 3/31/87
Drilling Co. CATOH Environmental Co., Inc.
Driller John McCadden
Started 3/29/87 Finished 3/29/87

Hole MW-35D-A
Depth 67.05'
Elev.
Core Dia. 1 3/4"

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc
					0.0-57.05' OVERBURDEN Cased off and drilled rock socket
					57.05-62.0' LIMESTONE - micritic; med.-dk. gray (N3-N4), very argillaceous, laminated, shale bed at top of interval; sl. "anastamosed"; sl. dolomitic; hard, dense, calcite-filled fractures & vugs, very dolomitic at base of unit; (D2), (S2), (F4-F5)
				60	
					62.0-67.05' DOLOMITE - limey in uppermost 1.5' - med. lt. gray (N6), fn.-med. xline; argillaceous, laminated; hard, dense; gives off petroliferous odor on freshly broken surfaces; v. sl. "anastamosed" in places; some, very thin shaly partings; very thin fractures rare (calcite-filled); small limey zones uncommon. (D1-D2), (S1-S2), (F3-F4)
				65	
			TD=67.05		
				70	

Feet	RQD	REC
57.05		
RUN 1	0%	3.1
62.05		5.1
RUN 2	48%	
67.05		

Hole No MW-35D-A
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

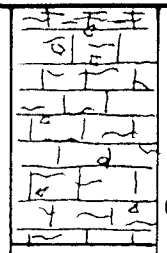
Logged by: D.L. Turner Date Logged: 4/10/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Denny Barrows
Started: 3/31/87 Finished: 3/31/87

Hole: MW-36S
Depth: 33.0'
Elev.:
Core Dia.: 2 1/8"

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.
					0.0-18.2' OVERBURDEN
					23.4-33.0' LIMESTONE - med. dk. gray (N3); some dk. gray (N2) zones. Shaly, very argillaceous; micritic; calcite in more coarsely xline zones & replacing fossil frags and vugs. Sl. "anastamosed" throughout. Minor hairline fractures (calcite filled); (D1-D2), (Sl), (F4)
					28.4-33.0 Very shaly, thinly bedded, broken or shaly partings; fragmented in lower half of Run #2. Minor amts of FeOx stain; v. fn. gr. carbonaceous material, shaly beds.
					*32.5': 1" VOID
				25	
				30	
			TD=33.0'	35	

Feet	RUN	RQD	REC
23.4'			
	RUN 1	4.6	32%
28.4'			
	RUN 2	3.3	0%
33.0'			

Hole No. MW-36S
Sheet 1 of 1



60

TD=61.2'

54.1-56.2' fn. xline; med-dk. gray (N3-N4); very argillaceous & shaly; calcite-filled fractures & vugs common w/shaly interbeds & laminae

56.2-61.2' shaly beds absent; "anastamosed" texture, laminations, calcite vugs & fractures common, argillaceous; tr. FeOx stain; very "anastamosed" in lowermost 1'. Overall interval 54.1'-61.2'; (D1-D2), (S1-S2), (F3-F5), hard soft-moderately hard along shale interbeds.

*After finishing coring, core barrel got stuck in the hole, had to abandon well and start another one 20' away. (See MW-35D-A for continuation of this rock core.)

55.7

RUN 3

5.5

41%

61.2

Hole No. MW-35D

Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

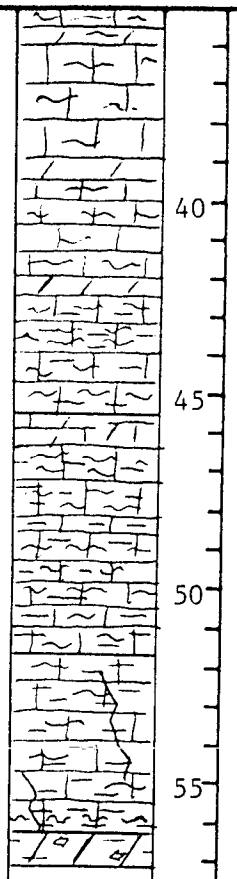
Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner Date Logged: 4/1/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: Art Utter, Jr.
Started: 3/9/87 Finished: 3/31/87

Hole: MW-36D
Depth: 57.2'
Elev.:
Core Dia.: 1 3/4"

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log (ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc.)	Feet	RQD / REC
				0.0-18.2'	OVERBURDEN		
				20			
				21.6-24.6'	LIMESTONE - med. gray (N4), fine xline; argillaceous, laminated; med. gr. zones w/xline calcite rhombs 0.1-0.3' thick; (D1-D2), (S1), (F2-F3), hard	21.6	RUN 1 — 2.5- / 57%
				25		24.4'	
				24.6-30.7'	LIMESTONE - med. dk. gray (N3-N4); fn. gr.; shaly partings; very argillaceous laminated, sl. "anastamosed", w/small calcite rhombs; zones of med. gr. 0.2' thick between 27.4-30.7', Fractures rare. (D2), (S1), (F2-F3), hard		RUN 2 — 6.5 / 51.2%
				30		30.9	
				30.7-45.6'	LIMESTONE - w/sl. dolomitic zones - med. gray (N4), mostly micritic w/some med. xline zones of calcite; shaly partings, v. "anastamosed"; fracturing & "anastamosing" most common below 34.3'. Calcite replaces fossil frags & vugs (D2), (S1), (F2-F4)		RUN 3 — 2.2 / 15.4%
					33.6-34.0' fractured, fragmented zone	33.4'	
				35			RUN 4 — 5.1 / 39.2%
						38.7'	
				40			
					42.4-45.6' extremely argillaceous, clayey zone, highly contorted "anastamosed" beds		

Hole No. MW-36D
Sheet 1 of 2



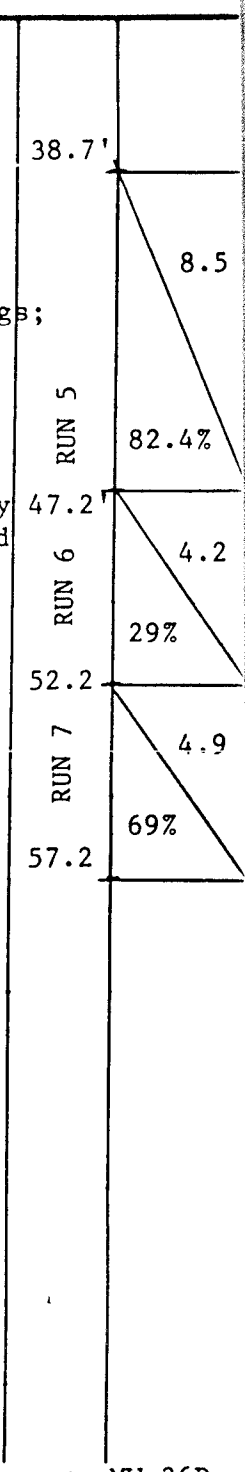
42.4-45.6' extremely argillaceous, clayey zone; dk. gray (N2-N3); highly contorted "anastamosed" beds. Calcite replaces fossil frag & vugs; Core breaks parallel to contorted bedding; v. fn. gr. carbonaceous material associated w/clayey, silty beds along w/some FeOx staining. (D2), (S1), (F2-F3), hard

45.6-51.6' LIMESTONE - sl. dolomitic in uppermost 2'; micritic; grayish black-med. dk. gray (N2-N4) shaly laminations and thin shale beds; argillaceous, "anastamosed" (degree varies throughout core); FeOx stains on surface of some shaly laminae. Calcite replaces vugs & fossil frags. (D1-D2), (S1), (F3-F4), hard

48.0-50.6' heavily anastamosed, v. argillaceous, gray-black (N2).

51.6-56.3' LIMESTONE - med. dk gray (N4), argillaceous, "anastamosed" (varies); med. xline zones shaly laminations and thin shale beds; minor fracturing & calcite replacement of fossil frags. Basal 0.5' highly contorted, anastamosed. Tr. fn. gr. disseminated pyrite. (D1-D2), (S1), (F3-F4), hard

56.3-57.2' DOLOMITE - med. gray (N5); fn.-med. xline; calcite xls fill vugs (pinkish color); sl. argillaceous, hard, dense; (D1-D2), (S1), (F3-F4)



Hole No. MW-36D
Sheet 2 of 2

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/10/87
Drilling Co. CATOH Environmental Co., Inc.
Driller Art Utter, Jr.
Started 3/25/87 Finished 3/25/87

Hole MW-37S
Depth 20.1'
Elev.
Core Dia. 1 3/4"

FORMATION / Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc	Feet	RUN 1
			0	0.0-6.0' OVERBURDEN		
			10	11.2-16.3' DOLOMITE - fn.-med. xline; med-med. lt. gray (N5-N6); large calcite (some pink) filled vugs dispersed throughout unit; Tr. fn. gr. pyrite (disseminated); some thin intervals (0.2-0.4') limey; sl. argillaceous, sl. "anastamosed".	11.2'	8.8'
			15	16.3-20.1' DOLOMITE - calcareous; med. gray (N5); fn.-med. xline; fractured and filled w/calcite; top of this unit marked by a shale break. Argillaceous, sl. "anastamosed"; vugs w/calcite less common than overlying unit. Overall Run 11.25-20.1': (D2), (S1), (F2, F4 in places).		88.6%
				18.2-20.1' very shaly bedded and laminated, argillaceous, sl. "anastamosed"; 1%-2% "stratiform" pyrite; med. dk. gray (N3).	20.1'	
			20	TD=20.1'		
			25			

Hole No. MW-37S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client: Malcolm Pirnie
Project: Ciba Geigy
Location: Glens Falls

Logged by: D.L. Turner Date Logged: 4/7/87
Drilling Co.: CATOH Environmental Co., Inc.
Driller: John Mc Cadden
Started: 3/30/87 Finished: 3/30/87

Hole: MW-40S
Depth: 33.5'
Elev.:
Core Dia.: 1 3/4"

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth	Descriptive Log — ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc
				0.0-18.0'	OVERBURDEN
				23.5-24.5'	SHALY LIMESTONE- med. gray (N5), micritic, argillaceous, sl. "anastamosed", moderately hard & dense, shaly laminations; 0.1' zone w/calcite filled vugs near base of unit. (D2), (S2), (F2-F4)
				24.5-33.5'	LIMESTONE - med. dk. gray (N4); vugs & pockets of xline calcite; "anastamosed", laminated; core breaks unevenly along shaly, "anastamosed" zones; small vugs & burrows filled w/calcite are common. Minor amts of FeOx stain (yellowish) on a few fresh broken shaly surfaces, commonly associated with disseminated pyrite. (D2), (S2), (F2-F4)
					28.3-28.8' med. xline w/calcite xls common; base marked by anastamosed shaly break.
			TD=33.5		

Feet	RUN 1	RQD	REC
23.5			
	RUN 1	55%	8.4
33.5			

Hole No. MW-40S
Sheet 1 of 1

Dunn Geoscience Corporation
Core Log

Client Malcolm Pirnie
Project Ciba Geigy
Location Glens Falls

Logged by D.L. Turner Date Logged 4/7/87
Drilling Co. CATOH Environmental Co., Inc.
Driller John Mc Cadden
Started 3/23/87 Finished 3/30/87

Hole MW-40D
Depth 52.9'
Elev.
Core Dia. 1 3/4"

FORMATION	Member	Zone/Unit	Graphic Log 1" = 5'	Depth
				20
				25
				30
				35

Descriptive Log

ROCK TYPE: color, grain size, texture, bedding, minerals, remarks, etc

0.0-18.0' OVERBURDEN

18.0-24.4' LIMESTONE - med. dk. gray (N3); micritic to med. xline (coarser gr. occupies zones w/calcite filled vugs); sl. argillaceous; fractures filled w/calcite; coarser gr. material less argillaceous and lighter gray (N4). Tr. greenish-yellow stain & fn. gr. calcite on fractures. (D2), (S1), (F3-F4), hard

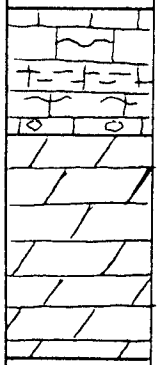
22.3-24.4' argillaceous "anastamosed"; shaly & fragmented; vuggy; limonite stains calcite in one partially filled vug; yellowish-orange FeOx stains found in other fractures (sl. greenish tint to some of the stain).

24.4-33.2' LIMESTONE - med. gray (N3-N4); sl. argillaceous; calcite-filled fractures & vugs common, fractures up to 1/8" wide; sl. "anastamosed" on some horizons; Tr. tarnished pyrite. (D2), (S1), (F2-F3), moderately hard
24.4-25.9' shaly zone, fragmented, thinly bedded.

33.2-43.9' RUN 4 NOT CORED, burned bit and lost part of it in hole, reamed hole to 43.9'

Feet	RUN	REC	RQD
18.0'			
	RUN 1	4.1	49.7%
22.4'			
	RUN 2	1.5	0%
24.0'			
	RUN 3	8.9	84.2%
33.2'			

Hole No. MW-40D
Sheet 1 of 2



43.9-47.0' LIMESTONE - med. lt. gray (N4); micritic, laminated shaly lenses, sl. "anastamosed", hard & dense; calcite filled vugs & worm burrows most common at base of unit. (D1-D2), (S1-S2), (F3-F5)

47.0-52.9' DOLOMITE - med. gray (N5); fn.-med. xline; Tr. disseminated pyrite; very hard & dense, few hairline vertical fractures. (D1-D2), (S2), (F2-F5)

51.3-51.9' core broken & fragmented

45

50

TD=52.9

55

43.9'

RUN 5

8.02

63%

52.9'

Hole No. MW-40D

Sheet 2 of 2

APPENDIX VI

CALCIUM EQUILIBRIA CALCULATIONS

Carbonate equilibria for both the April and June samplings have been computed after the method in the example calculation described below.

Limestones and dolostones in contact with dissolved $CO_{2(aq)}$ will undergo the following general reaction:

$$CaCO_{3(s)} + H_2CO_{3(aq)} \rightleftharpoons Ca^{++} + 2HCO_3^-$$

Further dissociation of the carbonates and acid will occur as:

$$CaCO_3 \rightleftharpoons Ca^{++} + CO_3^= \qquad \log K_{CaCO} = 10^{-8.15}$$

$$H_2CO_{3(aq)} \rightleftharpoons H^+ + HCO_3^- \qquad \log K_{H2CO3} = 10^{-6.47}$$

$$HCO_3^- \rightleftharpoons H^+ + CO3^= \qquad \log K_{H2CO3} = 10^{-6.47}$$

where H_2CO_3 is dissolved CO_2 and K = equilibrium constant at 10^oC and 1 atmosphere of pressure (Garrels and Christ, 1965).

Since H_2CO_3 can be expressed in terms of H^+, HCO_3, and CO_3, only two equations are needed to define saturation as a function of carbonation:

1. $$\frac{[Ca^{++}]\,[CO_3^=]}{[CaCO_3]} = K_{CaCO3} = 10^{-8.15}$$

2. $$\frac{[H^+]\,[CO_3^=]}{[HCO_3^-]} = K_{HCO3} = 10^{-10.49}$$

Reexpressing and rearranging these equations in terms of molal concentrations and activity coefficients yields:

(1a) $$[m_{Ca^{++}}]\,[m_{CO3^=}] = \frac{10^{-8.15}}{[y_{Ca^{++}}]\,[y_{CO3^=}]}$$

(2a) $$\frac{[a_{H^+}]\,[m_{CO_3^=}]}{[m_{HCO_3^-}]} = \frac{10^{-10.49}\,[y_{HCO_3^-}]}{[y_{CO_3^-}]}$$

where Ca^{++}, a_{H^+}, and m_{HCO3^-} can be computed directly from the analyses and $y_{Ca^{++}}$, $y_{CO3^=}$, and y_{HCO3^-} are the activity coefficients of the respective ionic species.

The activity coefficients of the individual waters are of concern because they are electrolytic solutions of variable strength whose dissolved substances are

largely dissociated into charged particles. Because the nature of the interaction of the dissolved ions with each other and with the solvent changes in a complex way with concentration, activity coefficients must be individually calculated for each water based on its ionic strength. Ionic strength (I) is defined by

$$I = 1/2 \sum m_1 z_1^2$$

where m_1 = molality of the given ionic species and z_1 = charge of the i^{th} ion in solution.

Having determined I, the activity coefficients of Ca^{++}, $CO_3^=$, and HCO_3^- can be calculated by the Debye-Huckel expression:

$$-LOG_y = \frac{Az^2 \sqrt{I}}{1 + \mathring{a}_1 B \sqrt{I}}$$

Here z_1 and I have the meanings previously ascribed in ionic strength, and A and B are constants characteristic of the solvent (water) at a specified temperature and pressure. Values of A=.4960 and B=.3258 x 10^{-8} are used herein for water at 10^oC and a pressure of 1 atmosphere (Garrels and Christ, 1965). The symbol $\mathring{a}_1$ defines the "effective diameter" of the ion in solution and has been experimentally determined for many ions. Those used herein are Ca^{++}=6 x 10^8, $CO_3^=$ = 4.5 x 10^8, and HCO_3^- = 4.5 x 10^8 (Garrels and Christ, 1965).

The equilibrium calculation for Ca^{++} solubility is detailed below for the April sampling of MW-25D with logarithms used throughout for facility. Only major ions are considered in determining ionic strength of the individual waters; the effect of the minor ions should be negligible.

MW-25D Equilibriam Calculations for Ca^{++} (April, 1987)

ION	Concentration (mg/l)	Molality (m)
pH=8.2		
Cl	46	.0013
HCO_3	104	.0017
SO_4	870	.0091
Na	260	.011
Ca	72	.0018
Mg	19.8	.0008
K	440	.011

Taking the ions as they appear from top to bottom:

$$I = 1/2 \left[(.0013) + (.0017) + (.0091 \times 4) + (.011) + (.0018 \times 4) + (.0008 \times 4) + (.011)\right]$$

$$= .0359$$

$y_{Ca^{++}}$, y_{HCO3^-}, and $y_{CO3^=}$ are now calculable

$$\log y_{Ca^{++}} = \frac{(.4960)\ (4)\ (\sqrt{.0359})}{1 + (6 \times 10^{8})\ (.3258 \times 10^{-8})\ (\sqrt{.0359})}$$

$$= .274$$

$$\log y_{HCO3^-} = \frac{(.4960)\ (1)\ (\sqrt{.0359})}{1 + (4.5 \times 10^{8})\ (.3258 \times 10^{8})\ (\sqrt{.0359})}$$

$$= .073$$

$$\log y_{CO3^=} = \frac{(.4960)\ (4)\ (\sqrt{.0359})}{1 + (4.5 \times 10^{8})\ (.3258 \times 10^{8})\ (\sqrt{.0359})}$$

$$= .294$$

Substituting a_{Ht}, m_{HCO3^-}, and $y_{CO3^=}$ in equation 2a

$$\frac{m_{CO_3^=}\quad 10^{-8.2}}{10^{-2.77}} = \frac{10^{-10.49}\ \ 10^{-.073}}{10^{.294}}$$

$$m_{CO3^=} = 10^{-4.84}$$

Using this value and y_{Ca}^{++} and y_{CO3} in equation 1a

$$m_{Ca}^{++}\ 10^{-4.84} = \frac{10^{-8.15}}{10^{-.274}\ 10^{-.294}}$$

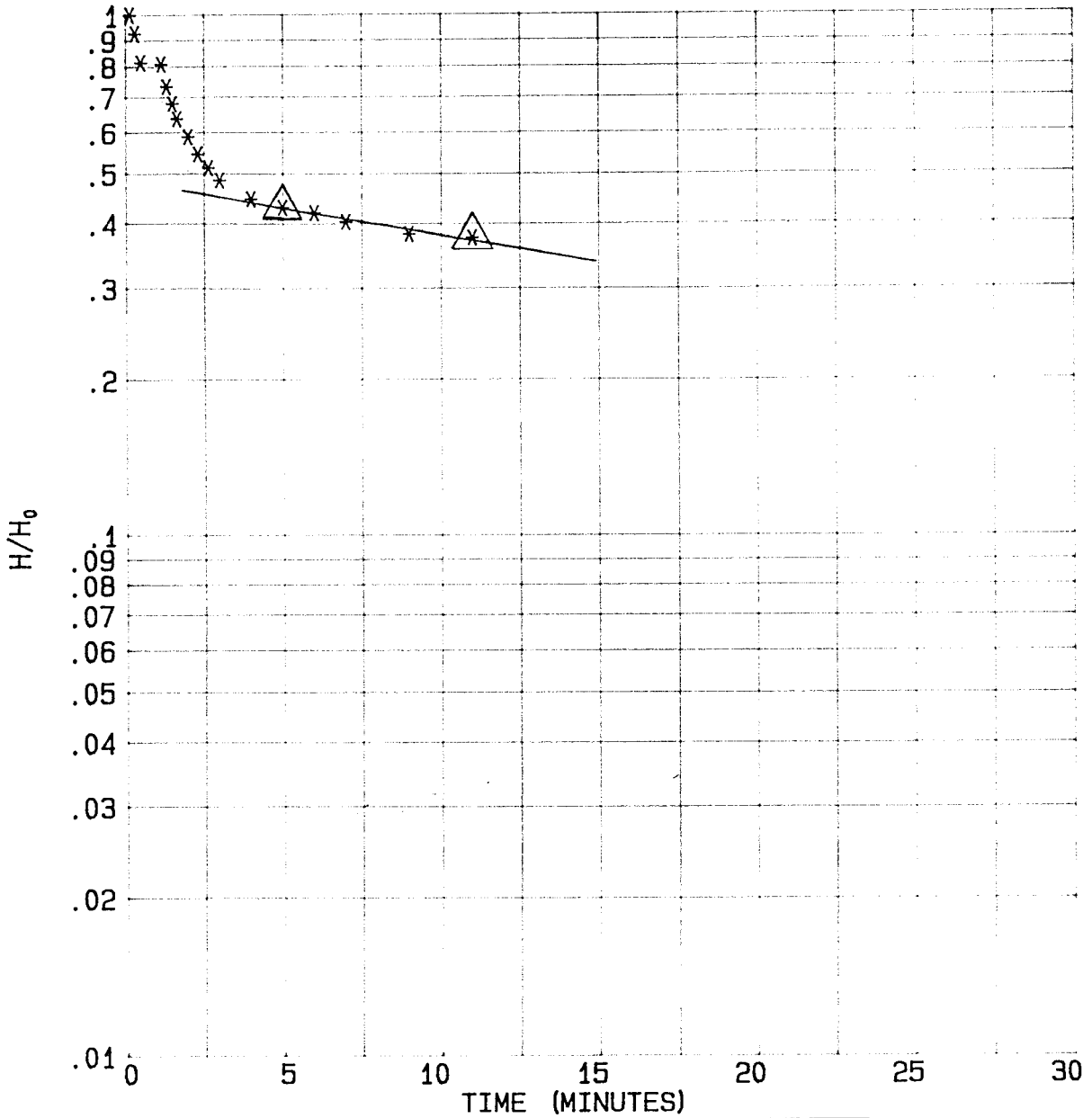
$$m_{Ca}^{++} = 10^{-2.74} \text{ or } .00181 \text{ m}$$

APPENDIX VII

PERMEABILITY CALCULATIONS

IN-SITU PERMEABILITY TEST RESULTS

Figure No.	Well No.	Horizontal Permeabilities	Material
1	MW-26	3.7×10^{-5} cm/sec	Sandy Fill
2	MW-24	6.0×10^{-5} cm/sec	Fill
3	MW-28	4.6×10^{-5} cm/sec	Fill
4	MW-31	1.7×10^{-3} cm/sec	Fill and Sand
5	MW-34	4.6×10^{-5} cm/sec	Fine Sand and Silt
6	MW-45	1.5×10^{-3} cm/sec	Sand
7	P-46	1.0×10^{-4} cm/sec	Fill
8	P-53	1.2×10^{-3} cm/sec	Sand
9	P-71	1.8×10^{-4} cm/sec	Fill



SYMBOL	WELL	SWL (FT)
*	MW-26	7.25
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 1

(*) Indicates points used in permeability calculations

SLUG TEST

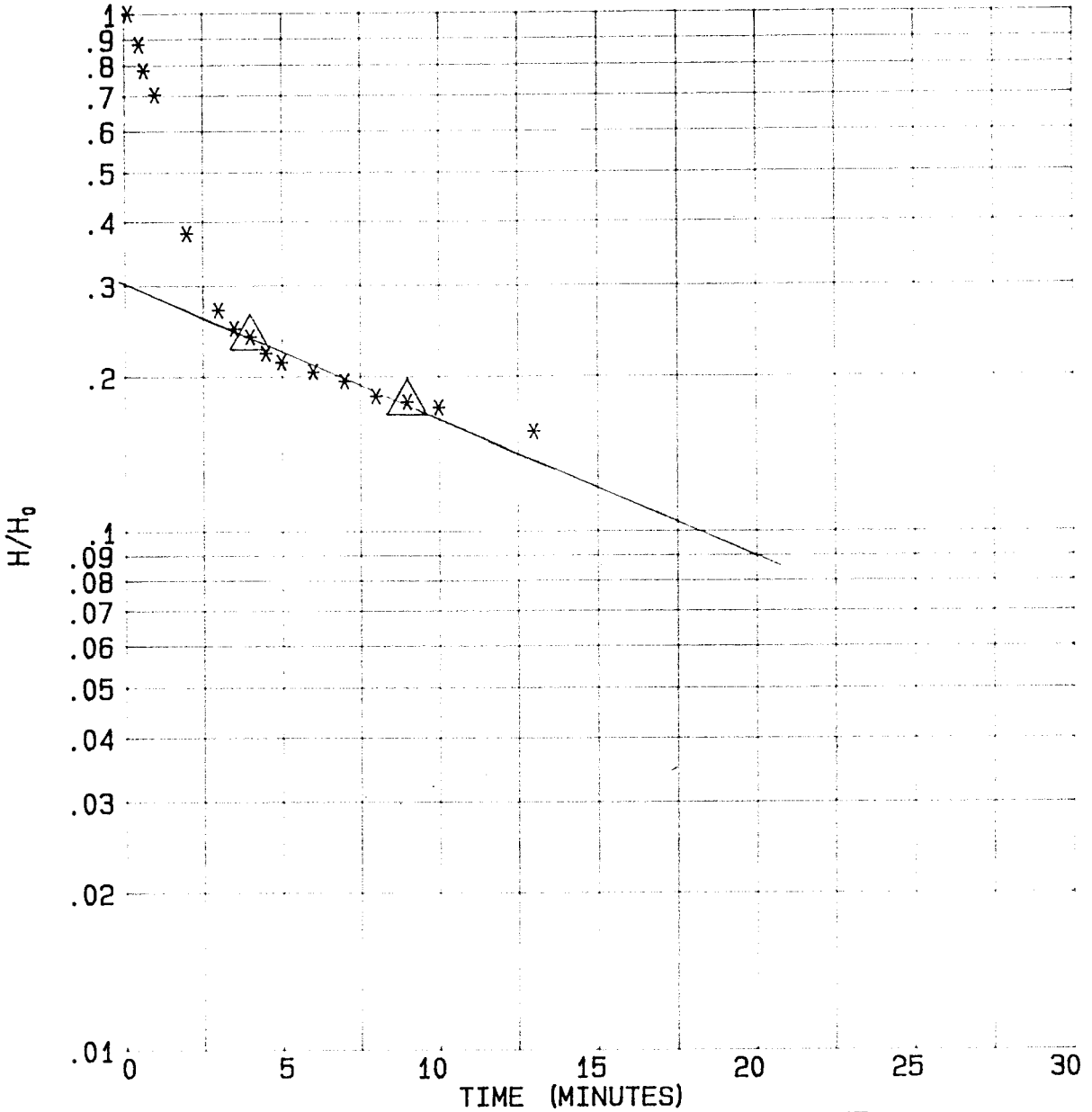
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: MW-26 STATIC WATER LEVEL (FT): 7.25

ELAPSED TIME (min)	WATER LEVEL (ft)	RECOVERY (ft)	HEAD RATIO H/HO
0.17	9.090	-1.840	1.0000
0.33	8.950	-1.700	0.9239
0.50	8.750	-1.500	0.8152
1.16	8.740	-1.490	0.8098
1.33	8.600	-1.350	0.7337
1.50	8.500	-1.250	0.6793
1.66	8.420	-1.170	0.6359
2.00	8.330	-1.080	0.5870
2.33	8.250	-1.000	0.5435
2.66	8.190	-0.940	0.5109
3.00	8.140	-0.890	0.4837
4.00	8.070	-0.820	0.4457
(5.00)	8.040	(-0.790)	0.4293
6.00	8.020	-0.770	0.4185
7.00	7.990	-0.740	0.4022
9.00	7.950	-0.700	0.3804
(11.00)	7.940	(-0.690)	0.3750

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	MW-24	8.3
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 2

⚠* Indicates points used in permeability calculations

SLUG TEST

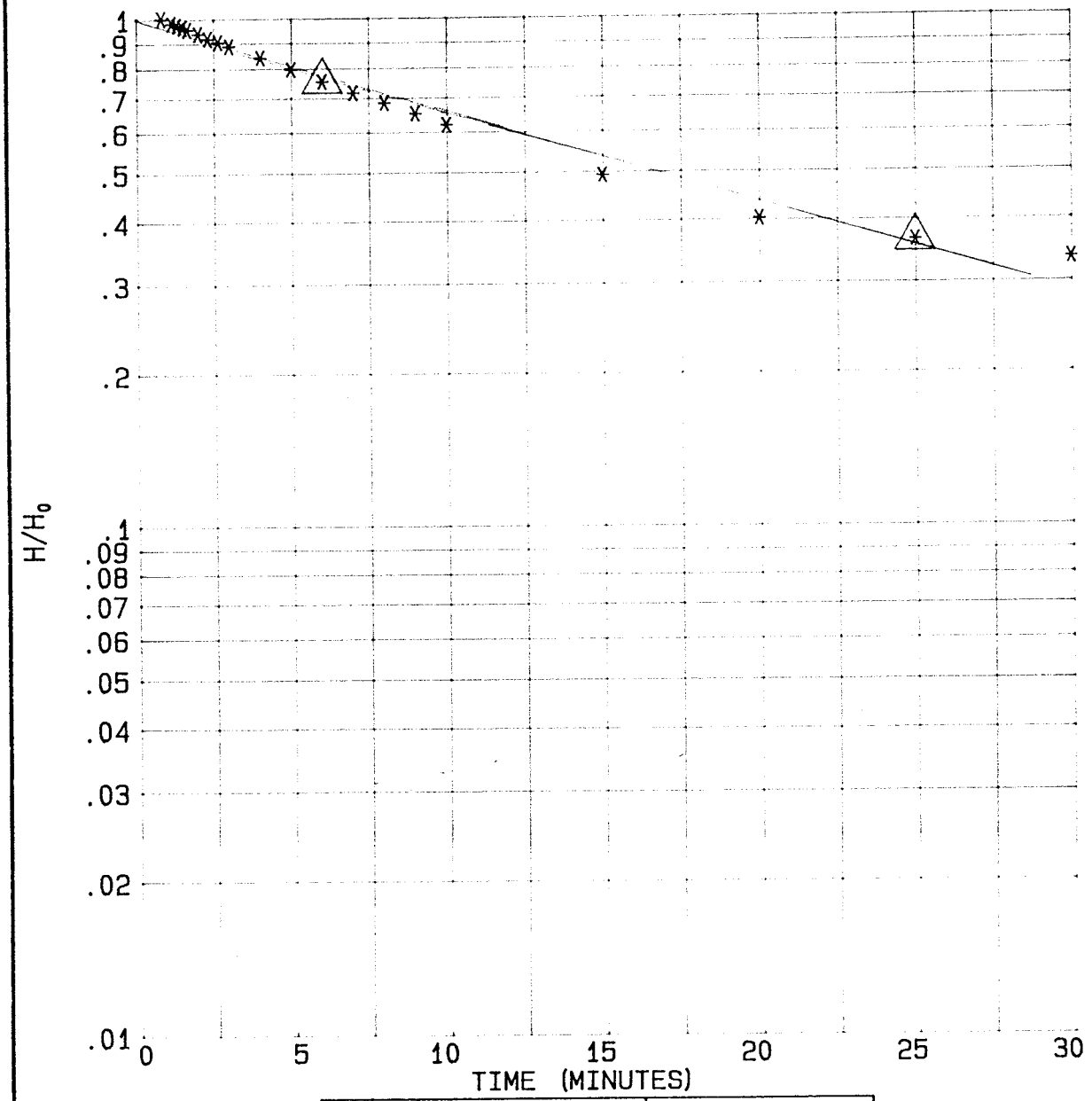
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: MW-24 STATIC WATER LEVEL (FT): 8.3

ELAPSED TIME	WATER LEVEL	RECOVERY	HEAD RATIO
(min)	(ft)	(ft)	H/H0
0.17	10.600	-2.300	1.0000
0.50	10.320	-2.020	0.8783
0.67	10.100	-1.800	0.7826
1.00	9.920	-1.620	0.7043
2.00	9.170	-0.870	0.3783
3.00	8.920	-0.620	0.2696
3.50	8.870	-0.570	0.2478
(4.00)	8.850	(-0.550)	0.2391
4.50	8.810	-0.510	0.2217
5.00	8.790	-0.490	0.2130
6.00	8.770	-0.470	0.2043
7.00	8.750	-0.450	0.1957
8.00	8.720	-0.420	0.1826
(9.00)	8.710	(-0.410)	0.1783
10.00	8.700	-0.400	0.1739
13.00	8.660	-0.360	0.1565

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	MW-28	9.850001
0		
X		
+		
A		

PROJECT: CIBA-GEIGY
FILE: 0267-34-1105
LOCATION: GLENS FALLS

SLUG TEST ANALYSIS
TIME LAG GRAPH

MALCOLM PIRNIE

FIGURE: 3

⚠ (*) Indicates points used in permeability calculations

SLUG TEST

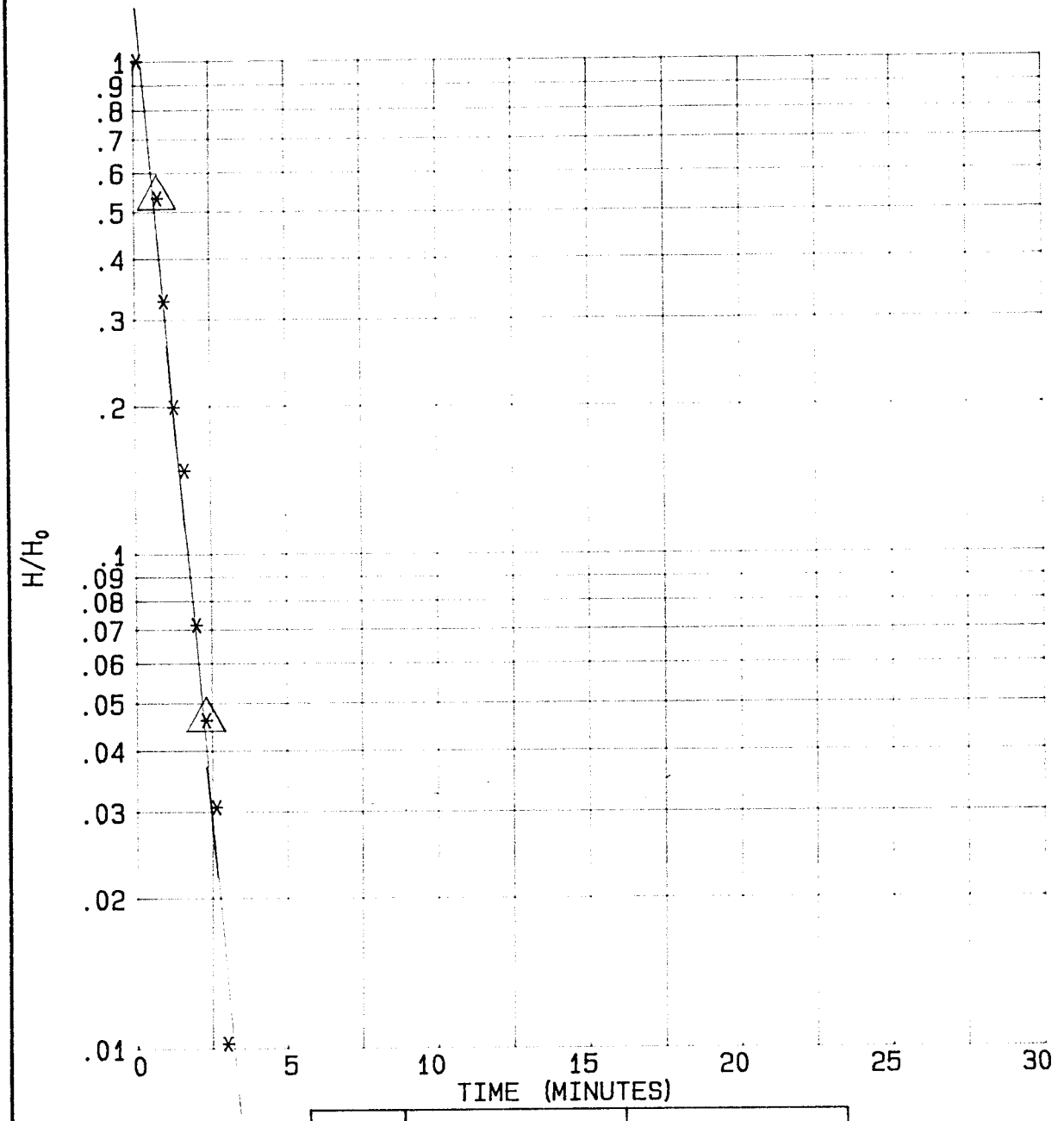
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: MW-28 STATIC WATER LEVEL (FT): 9.850001

ELAPSED TIME (min)	WATER LEVEL (ft)	RECOVERY (ft)	HEAD RATIO H/Ho
0.83	15.550	-5.700	1.0000
1.17	15.430	-5.580	0.9789
1.33	15.380	-5.530	0.9702
1.50	15.330	-5.480	0.9614
1.66	15.280	-5.430	0.9526
2.00	15.180	-5.330	0.9351
2.33	15.070	-5.220	0.9158
2.66	14.990	-5.140	0.9018
3.00	14.900	-5.050	0.8860
(4.00)	14.640	(-4.790)	0.8404
5.00	14.400	-4.550	0.7982
6.00	14.160	-4.310	0.7561
7.00	13.940	-4.090	0.7175
8.00	13.750	-3.900	0.6842
9.00	13.560	-3.710	0.6509
10.00	13.380	-3.530	0.6193
15.00	12.640	-2.790	0.4895
20.00	12.140	-2.290	0.4018
(25.00)	11.920	(-2.070)	0.3632
30.00	11.750	-1.900	0.3333

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	MW-31	7.61
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 4

⚠* Indicates points used in permeability calculations

SLUG TEST

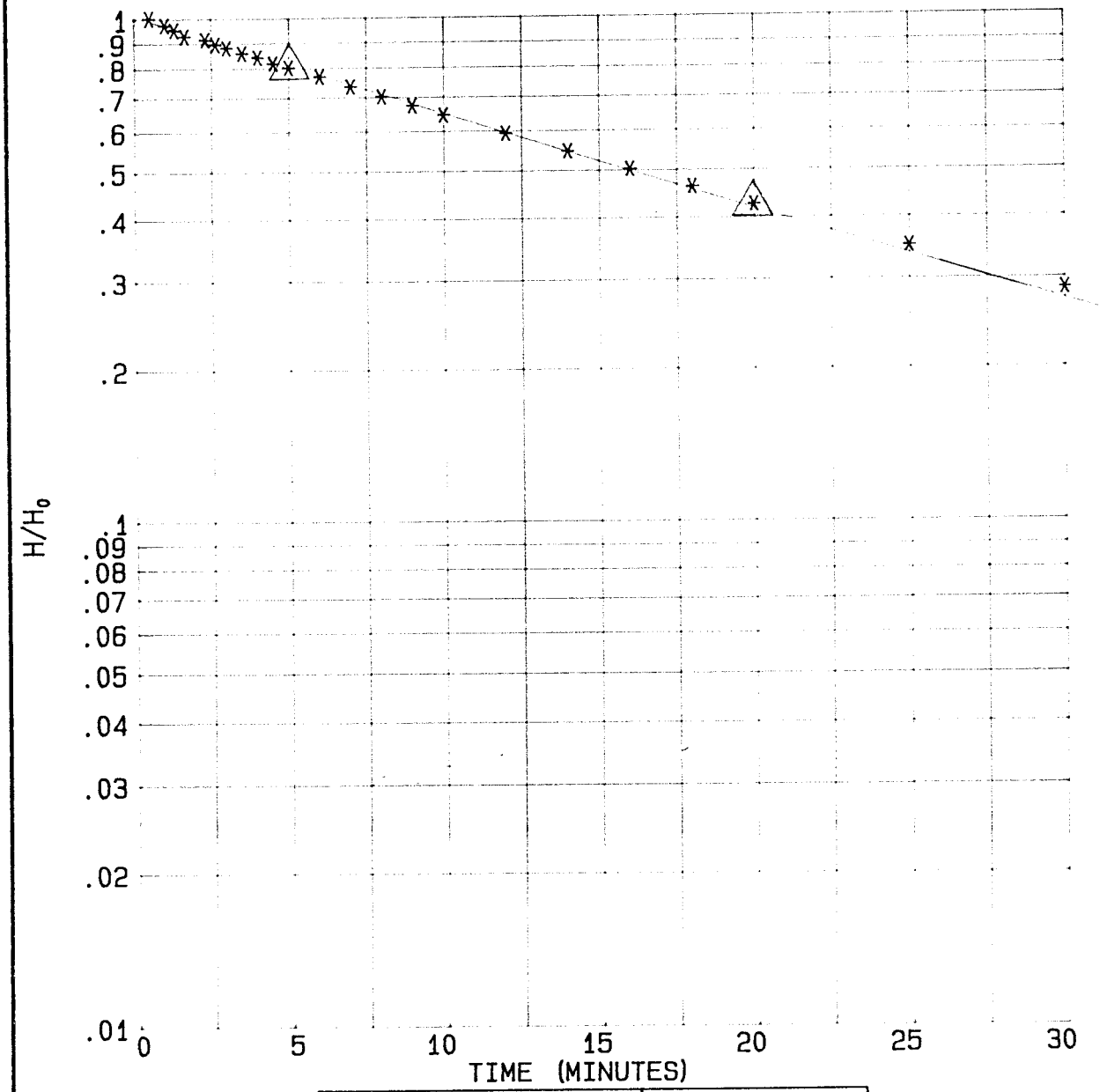
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: MW-31 STATIC WATER LEVEL (FT): 7.61

ELAPSED TIME (min)	WATER LEVEL (ft)	RECOVERY (ft)	HEAD RATIO H/HO
0.17	9.570	-1.960	1.0000
(0.83)	8.650	(-1.040)	0.5306
1.00	8.250	-0.640	0.3265
1.33	8.000	-0.390	0.1990
1.67	7.900	-0.290	0.1480
2.00	7.750	-0.140	0.0714
2.33	7.700	-0.090	0.0459
(2.66)	7.670	(-0.060)	0.0306
3.00	7.630	-0.020	0.0102
4.00	7.610	0.000	0.0000

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	MW-34	18.4
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 5

(*) Indicates points used in permeability calculations

SLUG TEST

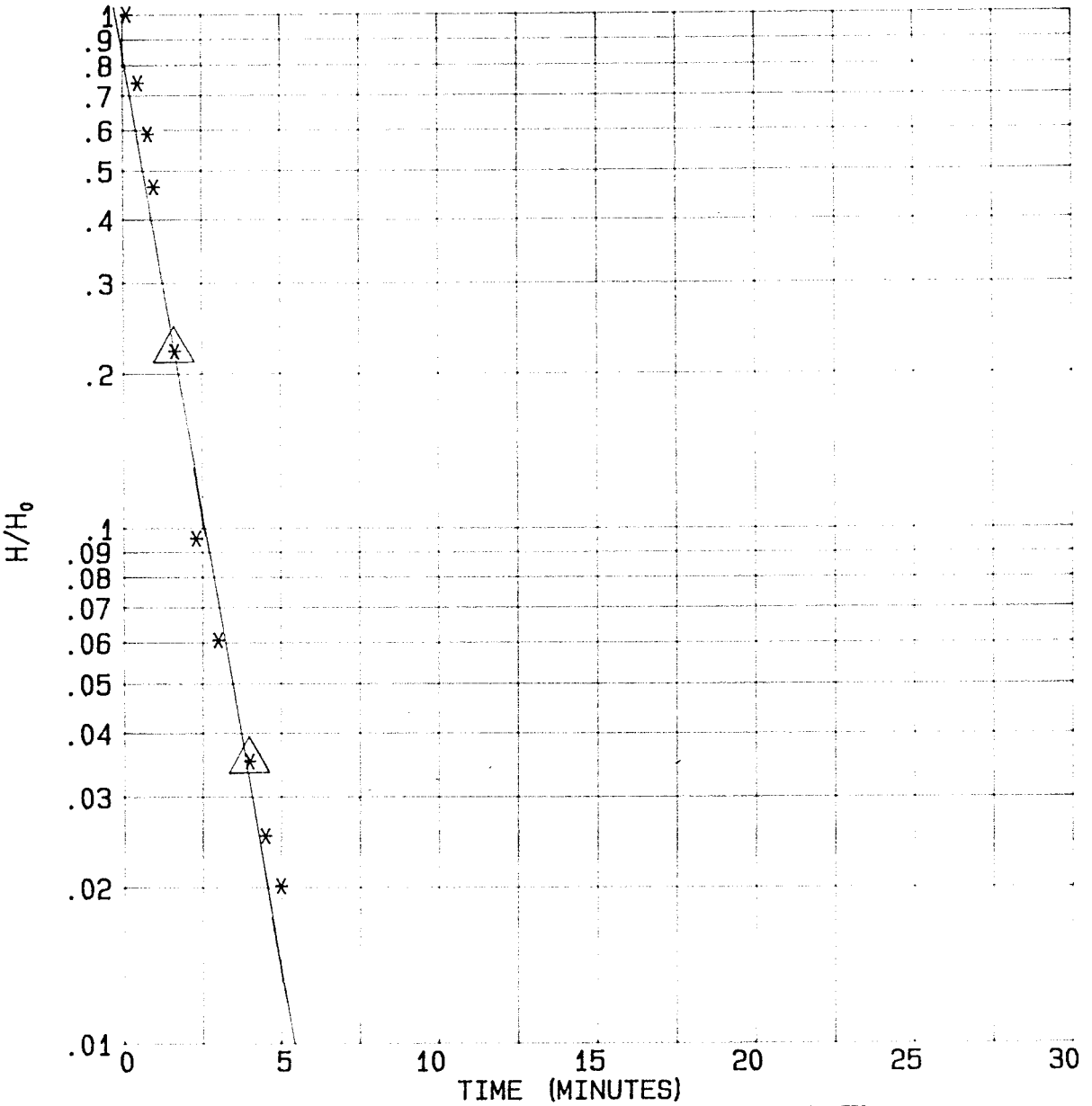
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: MW-34 STATIC WATER LEVEL (FT): 18.4

ELAPSED TIME	WATER LEVEL	RECOVERY	HEAD RATIO
(min)	(ft)	(ft)	H/H0
0.50	28.600	-10.200	1.0000
1.00	28.310	-9.910	0.9716
1.33	28.100	-9.700	0.9510
1.66	27.830	-9.430	0.9245
2.33	27.700	-9.300	0.9118
2.66	27.500	-9.100	0.8922
3.00	27.350	-8.950	0.8775
3.50	27.130	-8.730	0.8559
4.00	26.980	-8.580	0.8412
4.50	26.750	-8.350	0.8186
(5.00)	26.580	(-8.180)	0.8020
6.00	26.240	-7.840	0.7686
7.00	25.900	-7.500	0.7353
8.00	25.560	-7.160	0.7020
9.00	25.260	-6.860	0.6725
10.00	24.970	-6.570	0.6441
12.00	24.420	-6.020	0.5902
14.00	23.940	-5.540	0.5431
16.00	23.500	-5.100	0.5000
18.00	23.100	-4.700	0.4608
(20.00)	22.730	(-4.330)	0.4245
25.00	21.950	-3.550	0.3480
30.00	21.310	-2.910	0.2853

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	MW-45	11.83
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 6

(*) Indicates points used in permeability calculations

SLUG TEST

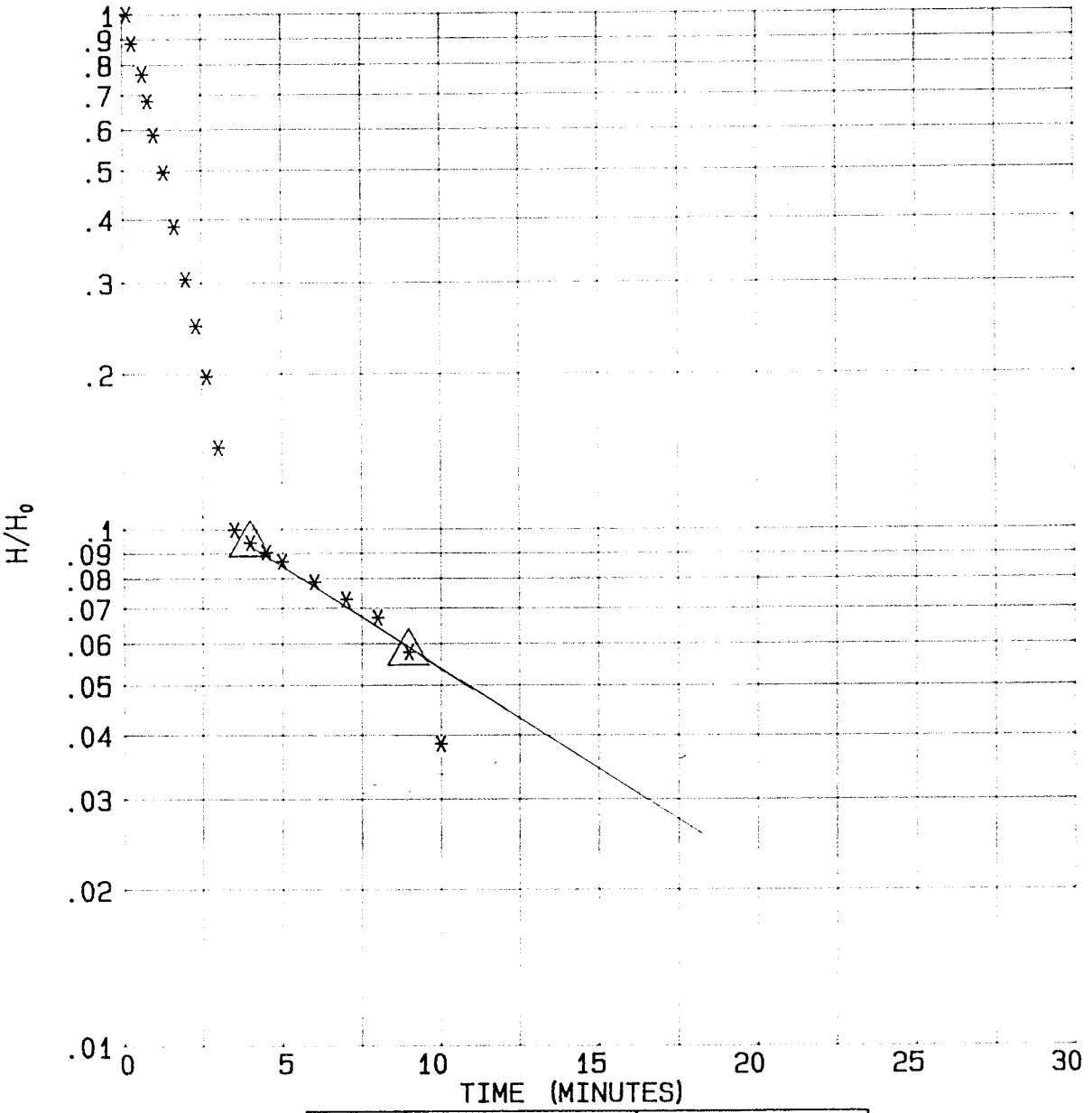
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: MW-45 STATIC WATER LEVEL (FT): 11.83

ELAPSED TIME	WATER LEVEL	RECOVERY	HEAD RATIO
(min)	(ft)	(ft)	H/H0
0.17	13.820	-1.990	1.0000
0.50	13.300	-1.470	0.7387
0.83	13.000	-1.170	0.5879
1.00	12.750	-0.920	0.4623
(1.67)	12.270	(-0.440)	0.2211
2.33	12.020	-0.190	0.0955
3.00	11.950	-0.120	0.0603
(4.00)	11.900	(-0.070)	0.0352
4.50	11.880	-0.050	0.0251
5.00	11.870	-0.040	0.0201
6.00	11.840	-0.010	0.0050
7.00	11.840	-0.010	0.0050

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	P-46	9.850001
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 7

⚠ Indicates points used in permeability calculations

SLUG TEST

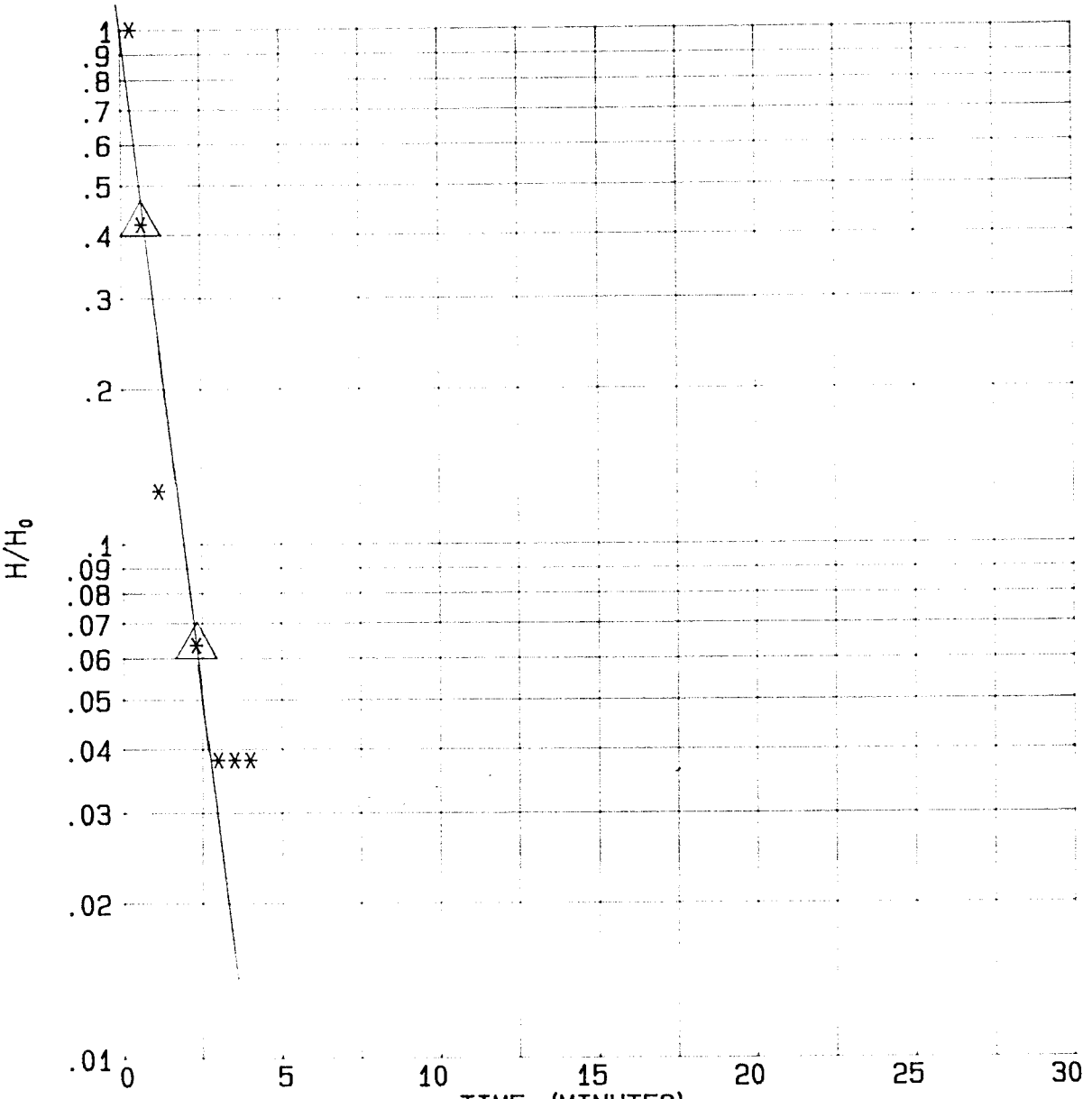
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: P-46 STATIC WATER LEVEL (FT): 9.850001

ELAPSED TIME (min)	WATER LEVEL (ft)	RECOVERY (ft)	HEAD RATIO H/HO
0.17	15.070	-5.220	1.0000
0.33	14.450	-4.600	0.8812
0.67	13.850	-4.000	0.7663
0.83	13.400	-3.550	0.6801
1.00	12.900	-3.050	0.5843
1.33	12.420	-2.570	0.4923
1.66	11.860	-2.010	0.3851
2.00	11.440	-1.590	0.3046
2.33	11.140	-1.290	0.2471
2.66	10.880	-1.030	0.1973
3.00	10.600	-0.750	0.1437
3.50	10.370	-0.520	0.0996
(4.00)	10.340	(-0.490)	0.0939
4.50	10.320	-0.470	0.0900
5.00	10.300	-0.450	0.0862
6.00	10.260	-0.410	0.0785
7.00	10.230	-0.380	0.0728
8.00	10.200	-0.350	0.0670
(9.00)	10.150	(-0.300)	0.0575
10.00	10.050	-0.200	0.0383
12.00	9.870	-0.020	0.0038
14.00	9.830	0.020	-.0038

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	P-53	11.32
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 8

⚠* Indicates points used in permeability calculations

SLUG TEST

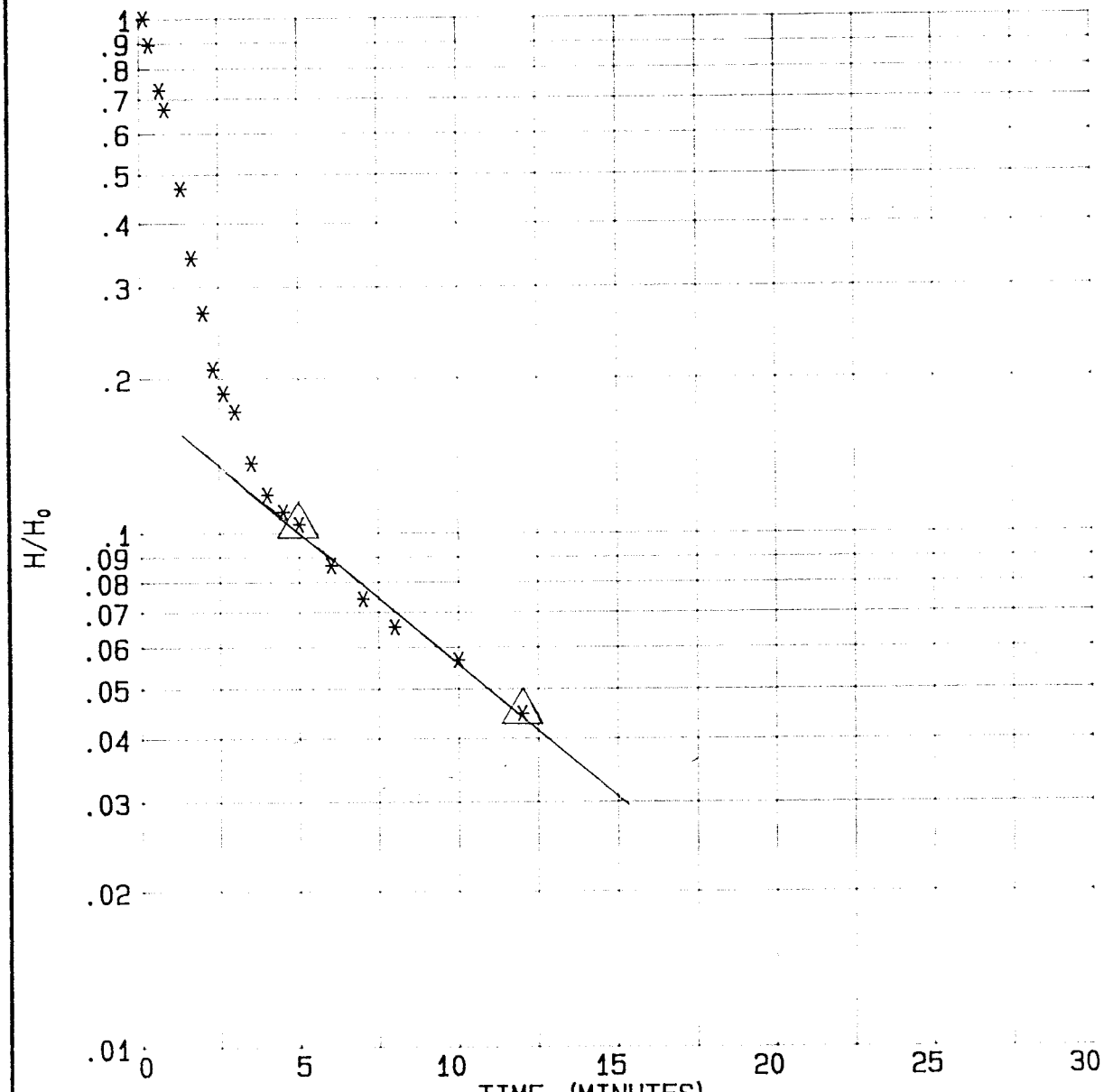
PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: P-53 STATIC WATER LEVEL (FT): 11.32

ELAPSED TIME (min)	WATER LEVEL (ft)	RECOVERY (ft)	HEAD RATIO H/HO
0.33	12.110	-0.790	1.0000
(0.67)	11.650	(-0.330)	0.4177
1.17	11.420	-0.100	0.1266
(2.33)	11.370	(-0.050)	0.0633
3.00	11.350	-0.030	0.0380
3.50	11.350	-0.030	0.0380
4.00	11.350	-0.030	0.0380

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)



SYMBOL	WELL	SWL (FT)
*	P-71	5.15
0		
X		
+		
A		

PROJECT: CIBA-GEIGY FILE: 0267-34-1105 LOCATION: GLENS FALLS	SLUG TEST ANALYSIS TIME LAG GRAPH
MALCOLM PIRNIE	FIGURE: 9

⚠ Indicates points used in permeability calculations

SLUG TEST

PROJECT: CIBA-GEIGY FILE NO.: 0267-34-1105
LOCATION: GLENS FALLS

WELL NO.: P-71 STATIC WATER LEVEL (FT): 5.15

ELAPSED TIME (min)	WATER LEVEL (ft)	RECOVERY (ft)	HEAD RATIO H/HO
0.17	8.520	-3.370	1.0000
0.33	8.150	-3.000	0.8902
0.67	7.600	-2.450	0.7270
0.83	7.400	-2.250	0.6677
1.33	6.720	-1.570	0.4659
1.67	6.300	-1.150	0.3412
2.00	6.050	-0.900	0.2671
2.33	5.850	-0.700	0.2077
2.66	5.780	-0.630	0.1869
3.00	5.730	-0.580	0.1721
3.50	5.610	-0.460	0.1365
4.00	5.550	-0.400	0.1187
4.50	5.520	-0.370	0.1098
(5.00)	5.500	(-0.350)	0.1039
6.00	5.440	-0.290	0.0861
7.00	5.400	-0.250	0.0742
8.00	5.370	-0.220	0.0653
10.00	5.340	-0.190	0.0564
(12.00)	5.300	(-0.150)	0.0445

MALCOLM PIRNIE

Circled numbers indicate parameters used in permeability calculations (Hvorlev, 1951)

APPENDIX VIII

SUBSURFACE SAMPLE ANALYTICAL DETECTION LIMITS AND PRECISION

aquatec INC. ENVIRONMENTAL SERVICES

75 GREEN MOUNTAIN DRIVE, SOUTH BURLINGTON, VERMONT 05401, TELEPHONE (802) 658-1074

10 April 1987

Mr. D. Knowles
Malcolm Pirnie, Inc.
4 Corporate Plaza
Washington Avenue Extension
Albany, NY 11203

Dear Mr. Knowles:

Enclosed are organic and inorganic precision data for instruments used in Ciba-Geigy analyses. These data were determined by analyses of replicates at concentrations 3 to 5 times higher than required detection limits for New York State hazardous waste extracts. These data represent instrument reproducibility at low concentrations. On actual samples, dilutions or sample non-homogeneity can affect both precision and detection.

Also included are Aquatec's standard reporting forms which provide method detection limits for each analytical parameter. These limits depend on the instrumental detection limits and the sample preparation factors.

If there are any questions regarding this information, please call me.

Sincerely,

Neal E. VanWyck

Neal Van Wyck

k/4.17

Enclosures

Abbreviations Used in Precision Data

CRDL - Contract Required Detection Limit for New York State Department of Environmental Conservation Contract

IDL - Instrument Detection Limit

Form XI (Quarterly) INSTRUMENT DETECTION LIMITS

Laboratory Name Aquatec, Inc.
Date February 1987

ICP Model Number Perkin Elmer ICP
Furnace AA No. 5000

	Element	Wavelength (nm)		CRDL (ug/L)	IDL (ug/L)			Element	Wavelength (nm)		CRDL (ug/L)	IDL (ug/L)	
1.	Aluminum	396.0		200	40	P	13.	Magnesium	279.0		5000	4.0	P
2.	Antimony	231.2	B	60	14	F	14.	Manganese	257.6		15	10	P
3.	Arsenic	194.0	B	10	2.1	F	15.	Mercury	253.6		0.2	0.18	a
4.	Barium	455.4		200	5.8	P	16.	Nickel	231.6		40	28	P
5.	Beryllium	313.1		5	4.6	P	17.	Potassium	766.5		5000	240	P
6.	Cadmium	226.5		5	4.2	P	18.	Selenium	196.0	B	5	1.3	F
7.	Calcium	317.9		5000	9.5	P	19.	Silver	328.1		10	5.7	P
8.	Chromium	267.7		10	5.1	P	20.	Sodium	588.9		5000	46	P
9.	Cobalt	228.6		50	24	P	21.	Thallium	276.8	B	10	1.7	F
10.	Copper	324.7		25	7.7	P	22.	Vanadium	292.4		50	20	P
11.	Iron	259.9		100	9.1	P	23.	Zinc	213.8		20	12	P
12.	Lead	283.4	B	5	1.1	F							

Footnotes:

- Indicate the instrument for which the IDL applies with a "P" (for ICP), o an "A" (for Flame AA), or an "F" (for Furnace AA) behind the IDL value.
- Indicate elements commonly run with background correction (AA) with a "B" behind the analytical wavelength.
- If more than one ICP/Flame or Furnace AA is used, submit separate Forms XI-XIII for each instrument.

Comments: a = cold vapor

Lab Manager Joseph Comer

Form XI (Quarterly) INSTRUMENT DETECTION LIMITS

Laboratory Name: Aquatec, Inc.
Date: February 1987

Flame AA Model Number: 3030B
Furnace AA No.: Zeeman 3030

	Element	Wavelength (nm)		CRDL (ug/L)	IDL (ug/L)		Element	Wavelength (nm)		CRDL (ug/L)	IDL (ug/L)	
1.	Aluminum			200		13.	Magnesium			5000		
2.	Antimony	231.2	B	60	23 F	14.	Manganese			15		
3.	Arsenic	193.4	B	10	2.1 F	15.	Mercury			0.2		
4.	Barium			200		16.	Nickel			40		
5.	Beryllium			5		17.	Potassium			5000		
6.	Cadmium			5		18.	Selenium	196.0	B	5	3.2	F
7.	Calcium			5000		19.	Silver			10		
8.	Chromium			10		20.	Sodium			5000		
9.	Cobalt			50		21.	Thallium	276.9	B	10	2.5	F
10.	Copper			25		22.	Vanadium			50		
11.	Iron			100		23.	Zinc			20		
12.	Lead	283.3	B	5	1.5 F							

Footnotes:

- Indicate the instrument for which the IDL applies with a "P" (for ICP), o an "A" (for Flame AA), or an "F" (for Furnace AA) behind the IDL value.
- Indicate elements commonly run with background correction (AA) with a "B" behind the analytical wavelength.
- If more than one ICP/Flame or Furnace AA is used, submit separate Forms XI-XIII for each instrument.

Comments: a = cold vapor

Lab Manager: Joseph Comes

PESTICIDE/PCB
LABORATORY DETECTION LIMITS

16 February 1987

Instrument #846

RT_X-5 60M x 0.32mm ID

(µg/l)

COMPOUND	A	B	C	DL (3xSD)(n-1)
alpha-BHC	5.00	5.20	5.30	0.46
beta-BHC	10.00	10.38	10.55	0.84
delta-BHC	10.00	10.42	10.63	0.96
gamma-BHC	5.00	5.12	5.13	0.22
Heptachlor	10.00	10.14	10.15	0.25
Aldrin	10.00	10.35	10.43	0.69
Heptachlor Epoxide	10.00	10.29	10.36	0.57
Endosulfan I	10.00	10.28	10.28	0.48
Dieldrin	10.00	10.35	10.34	0.60
4,4'-DDE	10.00	10.62	10.69	1.14
Endrin	10.00	10.43	10.50	0.81
Endosulfan II	16.00	16.49	16.26	0.74
4,4'-DDD	20.00	21.26	21.26	2.18
Endrin Aldehyde	25.00	25.37	25.40	0.67
Endosulfan Sulfate	20.00	20.84	21.09	1.71
4,4'-DDT	20.00	20.56	19.24	1.99
Methoxychlor	92.00	94.99	91.80	5.36
Endrin Ketone	20.00	21.16	21.27	2.11
Tech. Chlordane	100.00	102.42	101.51	3.67
alpha-Chlordane*				
gamma-Chlordane*				
Toxaphene	400.00	429.11	419.70	44.57
Aroclor - 1016	100.00	100.44	101.44	2.21
Aroclor - 1221	250.00	255.24	255.80	9.60
Aroclor - 1232	150.00	153.70	152.64	5.72
Aroclor - 1242	100.00	100.53	100.65	1.04
Aroclor - 1248	200.00	200.03	203.05	5.26
Aroclor - 1254	150.00	128.14	131.39	35.39
Aroclor - 1260	200.00	200.47	206.07	10.13

These are instrument detection limits only and relate to the analysis of a sample extract. Factors specific to the preparation of a sample extract need to be applied to relate these detection limits to the various methodologies.

PESTICIDE/PCB
LABORATORY DETECTION LIMITS

25 February 1987

Instrument #850

Column #10227-846

RT_X-5 60m x 0.32mm ID

(µg/l)

COMPOUND	A	B	C	DL (3xSD)(n-1)
alpha-BHC	2.50	2.62	2.52	0.19
beta-BHC	5.00	5.14	5.14	0.24
delta-BHC	5.00	5.06	5.32	0.51
gamma-BHC	5.00	5.08	5.14	0.21
Heptachlor	5.00	5.24	5.21	0.39
Aldrin	5.00	5.27	5.33	0.53
Heptachlor Epoxide	6.50	6.93	6.99	0.80
Endosulfan I	8.00	8.41	8.49	0.79
Dieldrin	11.00	11.52	11.66	1.04
4,4'-DDE	10.50	10.94	10.92	0.75
Endrin	21.50	21.23	20.37	1.77
Endosulfan II	15.00	15.59	15.83	1.28
4,4'-DDD	23.50	24.40	23.79	1.38
Endrin Aldehyde	25.00	25.55	25.92	1.39
Endosulfan Sulfate	32.00	33.57	32.37	2.46
4,4'-DDT	30.00	30.41	29.86	0.86
Methoxychlor	70.00	71.91	71.53	3.03
Endrin Ketone	30.00	32.42	31.35	3.64
Tech. Chlordane	100.00	103.25	104.69	7.21
alpha-Chlordane*				
gamma-Chlordane*				
Toxaphene	400.00	405.82	380.92	39.08
Aroclor - 1016	100.00	97.93	95.25	7.14
Aroclor - 1221	250.00	249.03	245.40	7.27
Aroclor - 1232	150.00	146.50	146.20	6.34
Aroclor - 1242	100.00	105.68	102.55	8.53
Aroclor - 1248	100.00	102.61	102.12	4.16
Aroclor - 1254	150.00	143.22	142.64	12.28
Aroclor - 1260	200.00	191.12	187.44	19.37

These are instrument detection limits only and relate to the analysis of a sample extract. Factors specific to the preparation of a sample extract need to be applied to relate these detection limits to the various methodologies.

Pesticide/PCB
Laboratory Detection Limits
October 1986

Instrument #767

Column #10

1.5% SP2250/1.95% SP2401

(µg/l)

COMPOUND	A	B	C	DL
alpha-BHC	2.50	2.64	2.79	0.44
beta-BHC	5.00	5.32	5.70	1.05
delta-BHC	5.00	5.30	5.68	1.02
gamma-BHC	5.00	5.36	5.69	1.04
Heptachlor	5.00	5.70	6.08	1.64
Aldrin	5.00	5.44	5.83	1.25
Heptachlor Epoxide	6.50	7.15	7.44	1.44
Endosulfan I	8.00	8.58	9.09	1.64
Dieldrin	11.00	11.93	12.66	2.50
4,4'-DDE	10.50	11.20	11.92	2.13
Endrin	21.50	22.77	23.93	3.65
Endosulfan II	15.00	16.03	17.25	3.38
4,4'-DDD	23.50	25.11	26.75	4.88
Endrin Aldehyde	25.00	26.39	28.48	5.26
Endosulfan Sulfate	32.00	34.37	36.56	6.84
4,4'-DDT	30.00	33.39	36.23	9.36
Methoxychlor	70.00	78.37	84.87	22.36
Endrin Ketone	30.00	32.09	34.60	6.91
Tech. Chlordane	100.00	104.95	111.45	17.23
alpha-Chlordane*				
gamma-Chlordane*				
Toxaphene	400.00	435.31	480.27	120.69
Aroclor - 1016	100.00	106.15	110.34	15.60
Aroclor - 1221	250.00	267.18	278.25	42.70
Aroclor - 1232	150.00	159.74	168.79	28.19
Aroclor - 1242	100.00	106.82	113.23	19.85
Aroclor - 1248	100.00	107.40	114.03	21.06
Aroclor - 1254	150.00	159.12	162.17	19.00
Aroclor - 1260	200.00	209.99	220.71	31.07

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aquatec
ENVIRONMENTAL SERVICES
75 Green Mountain Drive, So. Burlington, VT 05401
TEL. 802/658-1074

SEMI-VOLATILE ORGANICS
INSTRUMENT DETECTION LIMITS (ng/µl)

'August 1985

Instrument 0840

Compound	D	E	F	Std. Dev.	DL
N-Nitrosodimethylamine	30.000	30.721	32.724	0.417	1.3
Phenol	30.000	29.543	28.492	0.323	1.0
Aniline	30.000	30.550	30.770	0.389	1.2
bis(-2-Chloroethyl)Ether	30.000	29.671	30.841	0.603	1.8
2-Chlorophenol	30.000	28.967	27.653	1.176	3.5
1, 3-Dichlorobenzene	30.000	29.941	29.171	0.463	1.4
1, 4-Dichlorobenzene	30.000	29.267	29.022	0.509	1.5
Benzyl Alcohol	30.000	30.257	29.911	0.180	0.5
1, 2-Dichlorobenzene	30.000	29.633	29.119	0.443	1.3
2-Methylphenol	30.000	29.530	28.834	0.587	1.8
bis(2-chloroisopropyl)Ether	30.000	30.467	31.268	0.641	1.9
4-Methylphenol	30.000	29.424	27.823	1.128	3.4
N-Nitroso-Di-n-Propylamine	30.000	29.696	28.808	0.619	1.9
Hexachloroethane	30.000	30.290	29.948	0.184	0.6
Nitrobenzene	30.000	31.629	30.930	0.817	2.5
Isophorone	30.000	30.287	30.395	0.204	0.6
2-Nitrophenol	30.000	30.280	27.120	1.749	5.2
2, 4-Dimethylphenol	30.000	29.947	27.846	1.229	3.7
Benzoic Acid	150.000	162.436	151.788	6.723	20.2
bis(-2-Chloroethoxy)Methane	30.000	29.850	30.132	0.141	0.4
2, 4-Dichlorophenol	30.000	30.108	27.740	1.337	4.0
1, 2, 4-Trichlorobenzene	30.000	30.101	28.984	0.618	1.9
Naphthalene	30.000	30.227	29.628	0.302	0.9
4-Chloroaniline	30.000	30.264	29.727	0.269	0.8
Hexachlorobutadiene	30.000	30.188	28.587	0.875	2.6
4-Chloro-3-Methylphenol	30.000	29.641	28.146	0.983	3.0
2-Methylnaphthalene	30.000	29.912	29.010	0.548	1.6
Hexachlorocyclopentadiene	30.000	29.414	25.540	2.424	7.3
2, 4, 6-Trichlorophenol	30.000	29.951	26.905	1.773	5.3
2, 4, 5-Trichlorophenol	150.000	150.628	137.429	7.446	22.3
2-Chloronaphthalene	30.000	30.550	29.532	0.510	1.5
2-Nitroaniline	150.000	159.139	154.815	4.572	13.7
Dimethyl Phthalate	30.000	30.313	29.595	0.360	1.1
Acenaphthylene	30.000	29.982	29.248	0.429	1.3
3-Nitroaniline	150.000	155.487	152.861	2.744	8.2
Acenaphthene	30.000	30.240	29.232	0.527	1.6
2, 4-Dinitrophenol	150.000	155.087	133.963	11.025	33.1
4-Nitrophenol	150.000	149.647	145.?57	2.642	7.9
Dibenzofuran	30.000	30.189	29.140	0.559	1.7

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aquatec
ENVIRONMENTAL SERVICES
75 Green Mountain Drive, So. Burlington, VT 05401
TEL. 802/658-1074

SEMI-VOLATILE ORGANICS
INSTRUMENT DETECTION LIMITS (ng/µℓ)

August 1985

Instrument 0840

Compound	D	E	F	Std. Dev.	DL
2, 4-Dinitrotoluene	30.000	30.189	32.293	1.273	3.8
2, 6-Dinitrotoluene	30.000	30.545	28.885	0.846	2.5
Diethylphthalate	30.000	30.322	30.462	0.237	0.7
4-Chlorophenyl-phenylether	30.000	30.243	29.098	0.603	1.8
Fluorene	30.000	30.040	29.460	0.374	1.0
4-Nitroaniline	150.000	153.645	160.605	5.388	16.2
4, 6-Dinitro-2-Methylphenol	150.000	143.929	140.915	4.627	13.9
N-Nitrosodiphenylamine (1)	30.000	28.784	28.490	0.801	2.4
4-Bromophenyl-phenylether	30.000	28.746	27.357	1.322	4.0
Hexachlorobenzene	30.000	28.252	27.199	1.415	4.2
Pentachlorophenol	150.000	146.770	145.095	2.493	7.5
Phenanthrene	30.000	29.337	29.079	0.475	1.4
Anthracene	30.000	28.690	28.943	0.695	2.1
Di-N-Butylphthalate	30.000	29.615	30.832	0.622	1.9
Fluoranthene	30.000	29.588	31.400	0.950	2.8
Benzidine	240.000	318.229	358.402	60.238	180.7
Pyrene	30.000	30.485	29.100	0.703	2.1
Butylbenzylphthalate	30.000	30.122	30.097	0.064	0.2
3, 3'-Dichlorobenzidine	30.000	30.557	30.095	0.298	0.9
Benzo(a)Anthracene	30.000	30.525	29.637	0.446	1.3
bis(2-Ethylhexyl)Phthalate	30.000	29.732	29.281	0.363	1.1
Chrysene	30.000	29.877	28.797	0.662	2.0
Di-n-Octyl Phthalate	30.000	30.491	30.507	0.288	0.9
Benzo(b)Fluoranthene	30.000	26.916	28.063	1.559	4.7
Benzo(k)Fluoranthene	30.000	29.330	27.764	1.148	3.4
Benzo(a)Pyrene	30.000	29.126	28.952	0.562	1.7
Indeno(1, 2, 3-cd)Pyrene	30.000	28.720	30.864	1.079	3.2
Dibenz(a, h)Anthracene	30.000	29.013	30.526	0.768	2.3
Benzo(g, h, i)Perylene	30.000	29.110	30.457	0.685	2.1

These are instrument detection limits only and relate to the analysis of a sample extract. Factors specific to the preparation of a sample extract need to be applied to relate these detection limits to the various methodologies.

aquatec

ENVIRONMENTAL SERVICES

SEMI-VOLATILE ORGANICS
INSTRUMENT DETECTION LIMITS (ng/µl)

May 1985

Instrument 0835

Compound	F	G	H	Std. Dev.	DL
N-Nitrosodimethylamine	30	28.041	25.911	2.045	6.1
Phenol	30	31.516	29.726	0.964	2.9
Aniline	30	27.805	22.278	3.979	11.9
bis(-2-Chloroethyl)Ether	30	31.026	27.550	1.786	5.4
2-Chlorophenol	30	33.642	31.922	1.822	5.5
1, 3-Dichlorobenzene	30	30.445	26.692	2.050	6.2
1, 4-Dichlorobenzene	30	31.512	27.122	2.230	6.7
Benzyl Alcohol	30	31.332	27.099	2.164	6.5
1, 2-Dichlorobenzene	30	30.872	27.311	1.856	5.6
2-Methylphenol	30	30.015	29.175	0.481	1.4
bis(2-chloroisopropyl)Ether	30	30.170	27.429	1.536	4.6
4-Methylphenol	30	29.609	28.499	0.779	2.3
N-Nitroso-Di-n-Propylamine	30	24.645	25.006	2.993	9.0
Hexachloroethane	30	30.711	27.070	1.930	5.8
Nitrobenzene	30	31.541	27.554	2.011	6.0
Isophorone	30	30.243	27.603	1.459	4.4
2-Nitrophenol	30	30.081	29.852	0.116	0.3
2, 4-Dimethylphenol	30	29.283	28.185	0.914	2.7
Benzoic Acid	150	151.163	136.982	7.873	23.6
bis(-2-Chloroethoxy)Methane	30	30.031	26.472	2.046	6.1
2, 4-Dichlorophenol	30	29.972	28.659	0.766	2.3
1, 2, 4-Trichlorobenzene	30	30.283	26.890	1.883	5.6
Naphthalene	30	30.340	27.021	1.826	5.5
4-Chloroaniline	30	26.838	23.355	3.324	10.0
Hexachlorobutadiene	30	30.864	26.631	2.237	6.7
4-Chloro-3-Methylphenol	30	28.812	27.326	1.340	4.0
2-Methylnaphthalene	30	31.264	27.460	1.937	5.8
Hexachlorocyclopentadiene	30	31.925	27.904	2.011	6.0
2, 4, 6-Trichlorophenol	30	30.142	28.363	0.989	3.0
2, 4, 5-Trichlorophenol	150	151.661	141.442	5.484	16.5
2-Chloronaphthalene	30	30.451	26.962	1.898	5.7
2-Nitroaniline	150	157.895	135.662	11.271	33.8
Dimethyl Phthalate	30	31.365	27.708	1.848	5.5
Acenaphthylene	30	29.921	26.613	1.933	5.8
3-Nitroaniline	150	140.1	130.85	9.577	28.7
Acenaphthene	30	30.860	27.223	1.901	5.7
2, 4-Dinitrophenol	150	168.189	153.151	9.720	29.2
4-Nitrophenol	150	170.806	144.983	13.692	41.1
Dibenzofuran	30	30.991	27.706	1.685	5.1

These are instrument detection limits only and relate to the analysis of a sample extract. Factors specific to the preparation of a sample extract need to applied to relate these detection limits to the various methodologies.

aquatec

ENVIRONMENTAL SERVICES

SEMI-VOLATILE ORGANICS
INSTRUMENT DETECTION LIMITS (ng/µl)
(Continued)

May 1985

Instrument 0835

Compound	F	G	H	Std. Dev.	DL
2, 4-Dinitrotoluene	30	33.028	28.189	2.445	7.3
2, 6-Dinitrotoluene	30	31.530	27.417	2.079	6.2
Diethylphthalate	30	32.490	27.175	2.659	8.0
4-Chlorophenyl-phenylether	30	31.315	27.420	2.111	6.3
Fluorene	30	31.605	27.404	2.120	6.4
4-Nitroaniline	150	142.720	127.135	11.681	35.0
4, 6-Dinitro-2-Methylphenol	150	144.284	133.652	8.246	24.9
N-Nitrosodiphenylamine (1)	30	24.853	23.554	3.409	10.2
4-Bromophenyl-phenylether	30	29.854	27.324	1.505	4.5
Hexachlorobenzene	30	30.030	26.181	2.214	6.6
Pentachlorophenol	150	152.592	143.272	4.811	14.4
Phenanthrene	30	30.056	26.516	2.028	6.1
Anthracene	30	30.333	26.480	2.135	6.4
Di-N-Butylphthalate	30	29.692	25.984	2.235	6.7
Fluoranthene	30	27.152	25.759	2.162	6.5
Benzidine	240	279.833	321.709	40.859	122.6
Pyrene	30	31.121	26.773	2.257	6.8
Butylbenzylphthalate	30	29.472	27.188	1.495	4.5
3, 3'-Dichlorobenzidine	60	62.950	51.652	5.860	17.6
Benzo(a)Anthracene	30	30.393	27.875	1.355	4.1
bis(2-Ethylhexyl)Phthalate	30	29.677	26.339	2.027	6.1
Chrysene	30	31.662	27.797	1.920	5.8
Di-n-Octyl Phthalate	30	29.288	26.465	1.870	5.6
Benzo(b)Fluoranthene	30	29.289	26.499	1.851	5.6
Benzo(k)Fluoranthene	30	30.352	27.288	1.677	5.0
Benzo(a)Pyrene	30	30.133	26.500	2.060	6.2
Indeno(1, 2, 3-cd)Pyrene	30	28.682	26.234	1.911	5.7
Dibenz(a, h)Anthracene	30	31.409	28.848	1.283	3.8
Benzo(g, h, i)Perylene	30	33.330	27.001	3.166	9.5

These are instrument detection limits only and relate to the analysis of a sample extract. Factors specific to the preparation of a sample extract need to be applied to relate these detection limits to the various methodologies.

aquatec INC.
ENVIRONMENTAL SERVICES
75 GREEN MOUNTAIN DRIVE
SOUTH BURLINGTON, VT. 05401

Volatile Organics
Laboratory Detection Limits (ug/l)

October 1986

Instrument 269

(ug/l)

Compound	DE020CHV	DE020AHV	DE020BHV	Std. Dev.	DL
Chloromethane	20	19.061	19.265	0.494	1.482
Bromomethane	20	19.789	20.851	0.562	1.686
Vinyl Chloride	20	20.584	21.351	0.678	2.034
Chloroethane	20	19.708	20.554	0.430	1.290
Methylene Chloride	20	19.632	20.331	0.350	1.050
Acetone	20	21.587	24.381	2.218	6.654
Carbon Disulfide	20	20.832	21.472	0.738	2.214
1, 1-Dichloroethene	20	20.307	20.862	0.437	1.311
1, 1-Dichloroethane	20	19.722	19.279	0.364	1.092
Trans-1, 2-Dichloroethene	20	20.403	20.806	0.403	1.209
Chloroform	20	19.751	19.635	0.186	0.558
1, 2-Dichloroethane	20	18.414	18.258	0.964	2.892
2-Butanone	20	18.745	19.628	0.645	1.935
1, 1, 1-Trichloroethane	20	19.950	20.874	0.520	1.560
Carbon Tetrachloride	20	23.007	23.880	2.035	6.105
Vinyl Acetate	20	20.086	20.556	0.299	0.897
Bromodichloromethane	20	21.059	21.540	0.788	2.364
1, 2-Dichloropropane	20	20.014	20.017	0.009	0.027
Trans-1, 3-Dichloropropene	20	20.170	21.479	0.809	2.427
Trichloroethene	20	19.556	20.269	0.360	1.080
Dibromochloromethane	20	21.065	22.010	1.006	3.018
1, 1, 2-Trichloroethane	20	20.835	20.380	0.418	1.254
Benzene	20	19.805	20.481	0.348	1.044
cis-1, 3-Dichloropropene	20	20.631	21.481	0.743	2.229
2-Chloroethylvinylether	20	20.235	18.228	1.097	3.291
Bromoform	20	21.347	21.965	1.005	3.015
2-Hexanone	20	18.355	19.655	0.867	2.601
4-Methyl-2-Pentanone	20	18.018	18.815	0.997	2.991
Tetrachloroethene	20	19.771	20.177	0.204	0.612
1, 1, 2, 2-Tetrachloroethane	20	20.675	21.654	0.832	2.496
Toluene	20	19.785	20.076	0.151	0.453
Chlorobenzene	20	19.574	20.062	0.266	0.798
Ethylbenzene	20	18.908	19.305	0.553	1.659
Styrene	20	19.062	20.186	0.602	1.806
Total Xylenes	20	19.537	19.930	0.250	0.750
m-xylene	20	19.867	20.218	0.177	0.531

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VOLATILE ORGANICS LABORATORY DETECTION LIMITS

January 1986

Instrument 040

(µg/l)

Compound	A	B	C	STD DEV	DL
Chloromethane	20	19.828	20.186	0.179	0.5
Bromomethane	20	18.023	19.092	0.990	3.0
Vinyl Chloride	20	19.506	20.791	0.648	1.9
Chloroethane	20	19.504	20.384	0.441	1.3
Methylene Chloride	20	19.731	17.315	1.479	4.4
Acetone	20	16.926	19.978	1.768	5.3
Carbon Disulfide	20	20.039	20.614	0.344	1.0
1, 1-Dichloroethene	20	20.044	20.390	0.214	0.6
1, 1-Dichloroethane	20	19.692	20.033	0.188	0.6
Trans-1, 2-Dichloroethene	20	19.909	20.180	0.138	0.4
Chloroform	20	19.830	19.889	0.086	0.3
1, 2-Dichloroethane	20	19.765	19.681	0.165	0.5
2-Butanone	20	20.191	21.445	0.785	2.4
1, 1, 1-Trichloroethane	20	19.926	19.795	0.104	0.3
Carbon Tetrachloride	20	20.065	20.050	0.034	0.1
Vinyl Acetate	20	23.044	25.066	2.550	7.6
Bromodichloromethane	20	19.918	20.010	0.050	0.2
1, 2-Dichloropropane	20	19.252	19.950	0.418	1.3
Trans-1, 3-Dichloropropene	20	19.259	19.916	0.406	1.2
Trichloroethene	20	18.990	19.346	0.560	1.7
Dibromochloromethane	20	19.189	19.656	0.407	1.2
1, 1, 2-Trichloroethane	20	18.852	19.268	0.581	1.7
Benzene	20	19.193	19.589	0.404	1.2
cis-1, 3-Dichloropropene	20	19.259	19.916	0.406	1.2
2-Chloroethylvinylether	20	15.511	13.560	3.302	9.9
Bromoform	20	19.328	19.912	0.365	1.1
2-Hexanone	20	19.508	20.955	0.736	2.2
4-Methyl-2-Pentanone	20	19.147	20.022	0.499	1.5
Tetrachloroethene	20	19.206	19.353	0.422	1.3
1, 1, 2, 2-Tetrachloroethane	20	18.941	19.159	0.559	1.7
Toluene	20	19.742	19.422	0.290	0.9
Chlorobenzene	20	19.398	19.422	0.341	1.0
Ethylbenzene	20	19.462	19.448	0.315	0.9
Styrene	20	19.421	19.217	0.406	1.2
Total Xylenes(o&p xylenes)	20	19.635	19.802	0.183	0.6
(m xylene)	20	19.789	19.424	0.291	0.9

5 ml sample purged

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75 Green Mountain Drive, So. Burlington, VT 05403
TEL. 802/658-1074

ANALYTICAL REPORT

Date:
Project No:
ETR No:
Sample(s) Received On:
Page of

Standard analyses were performed in accordance with Methods for Analysis of Water and Wastes, EPA-600/4/79-020, Test Methods for Evaluating Solid Waste, SW-846, or Standard Methods for the Examination of Water and Wastewater. All results are in mg/l unless otherwise noted.

Parameter								
Mercury	0.25							
Arsenic	1							
Selenium	0.5							
Lead	0.5							
Cadmium	1.0							
Chromium	1.0							
Barium	20							
Molybdenum	50							
Magnesium	500							
Copper	2.5							
Antimony	6.0							
Zinc	2.0							
Hexavalent Chromium	0.5							
Fluoride	20							

Lab No.	Sample Description

Note: The above are reporting limits in mg/kg for soil samples, without adjustment for percent solids.

Submitted By: Aquatec Inc.

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ANALYTICAL REPORT

Date:
Aquatec Lab No.:
ETR No.:
Sample Received On:
Sample Identification:

Volatile Organic Compounds in mg/kg

benzene	5	U	methylene chloride	5	U
carbon tetrachloride	5	U	chloromethane	10	U
chlorobenzene	5	U	bromomethane	10	U
1,2-dichloroethane	5	U	bromoform	5	U
1,1,1-trichloroethane	5	U	bromodichloromethane	5	U
1,1-dichloroethane	5	U	dibromochloromethane	5	U
1,1,2-trichloroethane	5	U	tetrachloroethene	5	U
1,1,2,2-tetrachloroethane	5	U	toluene	5	U
chloroethane	10	U	trichloroethene	5	U
2-chloroethyl vinyl ether	10	U	vinyl chloride	10	U
chloroform	5	U	acetone	10	U
1,1-dichloroethene	5	U	2-butanone	10	U
1,2-dichloroethene	5	U	carbon disulfide	5	U
1,2-dichloropropane	5	U	2-hexanone	10	U
trans-1,3-dichloropropene	5	U	4-methyl-2-pentanone	10	U
cis-1,3-dichloropropene	5	U	styrene	5	U
ethylbenzene	5	U	vinyl acetate	10	U
			total xylenes	5	U

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the detection limit for the compound.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

J - An estimated value. The mass spectrum indicates the presence of the compound, but the calculated result is less than the reliable detection limit for this compound.

C - The result has been corrected for the presence of the compound in the blank.

Quality controls were analyzed with the sample as part of Aquatec's standard analytical procedures. The results of these are maintained on file at Aquatec.

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ANALYTICAL REPORT

Date:
Aquatec Lab No.:
ETR No.:
Sample Received On:
Sample Identification:

Base/Neutral Extractable Semivolatile Organic Compounds in ug/kg

acenaphthene	330 U	benzyl butyl phthalate	330 U
1,2,4-trichlorobenzene	330 U	di-n-butyl phthalate	330 U
hexachlorobenzene	330 U	di-n-octyl phthalate	330 U
hexachloroethane	330 U	diethyl phthalate	330 U
bis (2-chloroethyl) ether	330 U	dimethyl phthalate	330 U
2-chloronaphthalene	330 U	benzo(a)anthracene	330 U
1,2-dichlorobenzene	330 U	benzo(a)pyrene	330 U
1,3-dichlorobenzene	330 U	benzo(b)fluoranthene	330 U
1,4-dichlorobenzene	330 U	benzo(k)fluoranthene	330 U
3,3'-dichlorobenzidine	660 U	chrysene	330 U
2,4-dinitrotoluene	330 U	acenaphthylene	330 U
2,6-dinitrotoluene	330 U	anthracene	330 U
fluoranthene	330 U	benzo(ghi)perylene	330 U
4-chlorophenyl phenyl ether	330 U	fluorene	330 U
4-bromophenyl phenyl ether	330 U	phenanthrene	330 U
bis (2-chloroisopropyl) ether	330 U	dibenzo(ah)anthracene	330 U
bis (2-chloroethoxy)methane	330 U	indeno(1,2,3-cd)pyrene	330 U
hexachlorobutadiene	330 U	pyrene	330 U
hexachlorocyclopentadiene	330 U	benzyl alcohol	330 U
isophorone	330 U	4-chloroaniline	330 U
naphthalene	330 U	dibenzofuran	330 U
nitrobenzene	330 U	2-methylnaphthalene	330 U
N-nitrosodiphenylamine+	330 U	2-nitroaniline	1600 U
N-nitrosodipropylamine	330 U	3-nitroaniline	1600 U
bis (2-ethylhexyl) phthalate	330 U	4-nitroaniline	1600 U

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the detection limit for the compound.

J - An estimated value. The mass spectrum indicates the presence of the compound, but the calculated result is less than the reliable detection limit for this compound.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

C - The result has been corrected for the presence of the compound in the blank.

+ Cannot be separated from diphenylamine.

Quality controls were analyzed with the sample as part of Aquatec's standard analytical procedures. The results of these are maintained on file at Aquatec.

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ANALYTICAL REPORT

Date:
Aquatec Lab No.:
ETR No.:
Sample Received On:
Sample Identification:

Acid Extractable Semivolatile Organic Compounds in ug/kg

2,4,6-trichlorophenol	330	U
p-chloro-m-cresol	330	U
2-chlorophenol	330	U
2,4-dichlorophenol	330	U
2,4-dimethylphenol	330	U
2-nitrophenol	330	U
4-nitrophenol	1600	U
2,4-dinitrophenol	1600	U
4,6-dinitro-2-methylphenol	1600	U
pentachlorophenol	1600	U
phenol	330	U
benzoic acid	1600	U
2-methylphenol	330	U
4-methylphenol	330	U
2,4,5-trichlorophenol	1600	U

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the detection limit for the compound.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

J - An estimated value. The mass spectrum indicates the presence of the compound, but the calculated result is less than the reliable detection limit for this compound.

C - The result has been corrected for the presence of the compound in the blank.

Quality controls were analyzed with the sample as part of Aquatec's standard analytical procedures. The results of these are maintained on file at Aquatec.

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ANALYTICAL REPORT

Date:
Aquatec Lab No.:
ETR No.:
Sample Received On:
Sample Identification:

Pesticides and/or PCB's in ug/kg

aldrin	16	U
dieldrin	32	U
chlordane	160	U
4,4'-DDT	32	U
4,4'-DDE	32	U
4,4'-DDD	32	U
a-endosulfan	16	U
b-endosulfan	32	U
endosulfan sulfate	32	U
endrin	32	U
endrin aldehyde	32	U
endrin ketone	32	U
heptachlor	16	U
heptachlor epoxide	16	U

a-BHC	16	U
b-BHC	16	U
d-BHC	16	U
g-BHC (lindane)	16	U
methoxychlor	160	U
toxaphene	320	U
PCB-1242	160	U
PCB-1254	320	U
PCB-1221	160	U
PCB-1232	160	U
PCB-1248	160	U
PCB-1260	320	U
PCB-1016	160	U

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the detection limit for the compound.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

C - The result has been corrected for the presence of the compound in the blank.

Quality controls were analyzed with the sample as part of Aquatec's standard analytical procedures. The results of these are maintained on file at Aquatec.

APPENDIX IX

SUBSURFACE SAMPLE ANALYTICAL RESULTS

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-45-1	SB-45-3	SB-45-4	SB-45-5	SB-45-6	SB-46-1	SB-46-2	SB-47-1	SB-47-2	SB-47-3
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLOROETHANE	mg/kg			U							
1,1,2,2-TETRACHLOROETHANE	mg/kg			U							
1,1,2-TRICHLOROETHANE	mg/kg			U							
1,1-DICHLOROETHANE	mg/kg			U							
1,1-DICHLOROETHENE	mg/kg			U							
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg										
1,2-DICHLOROBENZENE	mg/kg										
1,2-DICHLOROETHANE	mg/kg			U							
1,2-DICHLOROETHENE	mg/kg			U							
1,2-DICHLOROPROPANE	mg/kg			U							
1,3-DICHLOROBENZENE	mg/kg										
1,4-DICHLOROBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg										
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg										
2,6-DINITROTOLUENE	mg/kg										
2-BUTANONE	mg/kg			U							
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg			U							
2-CHLORONAPHTHALENE	mg/kg										
2-CHLOROPHENOL	mg/kg										
2-HEXANONE	mg/kg			U							
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg										
2-NITROPHENOL	mg/kg										
3,3'-DICHLOROBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLOROANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg			U							
4-METHYLPHENOL	mg/kg										
4-NITROANILINE	mg/kg										
4-NITROPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-47-4	SB-47-5	SB-47-6	SB-47-7	SB-48-1	SB-48-2	SB-48-3	SB-48-4	SB-48-5
(A-BHC)	mg/kg									
(B-BHC)	mg/kg									
(D-BHC)	mg/kg									
1,1,1-TRICHLOROETHANE	mg/kg									
1,1,2,2-TETRACHLOROETHANE	mg/kg									
1,1,2-TRICHLOROETHANE	mg/kg									
1,1-DICHLOROETHANE	mg/kg									
1,1-DICHLOROETHENE	mg/kg									
1,1-DIMETHYLCYCLOHEXANE	mg/kg									
1,2,4-TRICHLOROBENZENE	mg/kg									
1,2-DICHLOROBENZENE	mg/kg									
1,2-DICHLOROETHANE	mg/kg									
1,2-DICHLOROETHENE	mg/kg									
1,2-DICHLOROPROPANE	mg/kg									
1,3-DICHLOROBENZENE	mg/kg									
1,4-DICHLOROBENZENE	mg/kg									
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg									
2,4,5-TRICHLOROPHENOL	mg/kg									
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg									
2,4,6-TRICHLOROPHENOL	mg/kg									
2,4-DICHLOROPHENOL	mg/kg									
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg									
2,4-DIMETHYLPHENOL	mg/kg									
2,4-DINITROPHENOL	mg/kg									
2,4-DINITROTOLUENE	mg/kg									
2,6-DINITROTOLUENE	mg/kg									
2-BUTANONE	mg/kg									
2-CHLOROANILINE	mg/kg									
2-CHLOROETHYL VINYL ETHER	mg/kg									
2-CHLORONAPHTHALENE	mg/kg									
2-CHLOROPHENOL	mg/kg									
2-HEXANONE	mg/kg									
2-METHYLHEPTANE	mg/kg									
2-METHYLNAPHTHALENE	mg/kg									
2-METHYLOCTANE	mg/kg									
2-METHYLPHENOL	mg/kg									
2-NAPHTHOL	mg/kg									
2-NITROANILINE	mg/kg									
2-NITROPHENOL	mg/kg									
3,3'-DICHLOROBENZIDINE	mg/kg									
3-METHYLHEPTANE	mg/kg									
3-NITROANILINE	mg/kg									
4,4-DDD	mg/kg									
4,4-DDE	mg/kg									
4,4-DDT	mg/kg									
4,6-DINITRO-2-METHYLPHENOL	mg/kg									
4-BR-PHENYL PHENYL ETHER	mg/kg									
4-CHLOROANILINE	mg/kg									
4-CL-PHENYL PHENYL ETHER	mg/kg									
4-METHYL-2-PENTANONE	mg/kg									
4-METHYLPHENOL	mg/kg									
4-NITROANILINE	mg/kg									
4-NITROPHENOL	mg/kg									
A C4 SUBST. CYCLOHEXANE	mg/kg									
A DICHLOROBIPHENYL	mg/kg									

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-45-1	SB-45-3	SB-45-4	SB-45-5	SB-45-6	SB-46-1	SB-46-2	SB-47-1	SB-47-2	SB-47-3
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg			LCB							
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg							<7			
ARSENIC	mg/kg	<6.5	3.3	4.4	1.8	<1.6	<4	<6	4.2	3.8	1.84
ARSENIC EPTOXICITY	mg/l										
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg	7900	17100	1860	1400	330	45	26	16300	8100	9100
BARIUM EPTOXICITY	mg/l										
BENZENE	mg/kg			U							
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLOROETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg			U							
BROMOFORM	mg/kg			U							
BROMOMETHANE	mg/kg			U							
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	280	400	200	560	2.4	7.4	15.1	1580	300	2300
CADMIUM EPTOXICITY	mg/l										
CARBON DISULFIDE	mg/kg			U							
CARBON TETRACHLORIDE	mg/kg			U							
CHLORDANE	mg/kg										
CHLOROBENZENE	mg/kg			U							
CHLOROETHANE	mg/kg			U							
CHLOROFORM	mg/kg			U							
CHLOROMETHANE	mg/kg			U							
CHROMIUM EPTOXICITY	mg/l										
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg			U							
COPPER	mg/kg							6.7			
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZO(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg			U							
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-47-4	SB-47-5	SB-47-6	SB-47-7	SB-48-1	SB-48-2	SB-48-3	SB-48-4	SB-48-5
A DIMETHYLCYCLOHEXANE	mg/kg									
A TRIMETHYLCYCLOHEXANE	mg/kg									
A-ENDOSULFAN	mg/kg									
ACENAPHTHENE	mg/kg									
ACENAPHTHYLENE	mg/kg									
ACETONE	mg/kg									
ALDRIN	mg/kg									
ANTHRACENE	mg/kg									
ANTIMONY	mg/kg		<9					<10		
ARSENIC	mg/kg	3.0	2.8	5.5	5.2	6.8	<6	<6	9.6	4.3
ARSENIC EPTOXICITY	mg/l				<2.5					<2.5
B-ENDOSULFAN	mg/kg									
BARIUM	mg/kg	2900	1870	1400	99	35	162	19.3	107	166
BARIUM EPTOXICITY	mg/l				<10					<10
BENZENE	mg/kg									
BENZO(A)ANTHRACENE	mg/kg									
BENZO(A)PYRENE	mg/kg									
BENZO(B)FLOURANTHENE	mg/kg									
BENZO(B)FLUORANTHENE	mg/kg									
BENZO(GHI)PERYLENE	mg/kg									
BENZO(K)FLUORANTHENE	mg/kg									
BENZOIC ACID	mg/kg									
BENZYL ALCOHOL	mg/kg									
BENZYL BUTYL PHTHALATE	mg/kg									
BIS(2-CHLOROETHYL) ETHER	mg/kg									
BIS(2-CL-ETHOXY) METHANE	mg/kg									
BIS(2-CL-ISOPROPYL) ETHER	mg/kg									
BIS(2-ET-HEXYL) PHTHALATE	mg/kg									
BROMODICHLOROMETHANE	mg/kg									
BROMOFORM	mg/kg									
BROMOMETHANE	mg/kg									
C10H18 HYDROCARBON	mg/kg									
C11 SATURATED HYDROCARBON	mg/kg									
C9 SATURATED HYDROCARBON	mg/kg									
CADMIUM	mg/kg	580	148	5.3	2.2	23	12.3	16.8	39	7.0
CADMIUM EPTOXICITY	mg/l				<0.5					<0.5
CARBON DISULFIDE	mg/kg									
CARBON TETRACHLORIDE	mg/kg									
CHLORDANE	mg/kg									
CHLOROBENZENE	mg/kg									
CHLOROETHANE	mg/kg									
CHLOROFORM	mg/kg									
CHLOROMETHANE	mg/kg									
CHROMIUM EPTOXICITY	mg/l				8.4					<2.5
CHRYSENE	mg/kg									
CIS-1,3-DICHLOROPROPENE	mg/kg									
COPPER	mg/kg		8.4					6.5		
CYANIDE	mg/kg									
DECANE	mg/kg									
DI-N-BUTYL PHTHALATE	mg/kg									
DI-N-OCTYL PHTHALATE	mg/kg									
DIBENZO(AH)ANTHRACENE	mg/kg									
DIBENZOFURAN	mg/kg									
DIBROMOCHLOROMETHANE	mg/kg									
DIELDRIN	mg/kg									
DIETHYL PHTHALATE	mg/kg									

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-45-1	SB-45-3	SB-45-4	SB-45-5	SB-45-6	SB-46-1	SB-46-2	SB-47-1	SB-47-2	SB-47-3
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg										
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg	<70	<25	76	<25	250	<22	<26	103	<25	<27
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg							26			
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg	96	172	107	210	10.9	127	77	590	500	280
LEAD EPTOXICITY	mg/l										
LINDANE	mg/kg										
MAGNESIUM	mg/kg							30000			
MANGANESE	mg/kg							520			
MERCURY	mg/kg	3.2	37	6.0	4.6	<0.9	<0.3	<0.6	38	1.90	33
MERCURY EPTOXICITY	mg/l										
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg			LCB							
MOLYBDENUM	mg/kg							<21			
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%	68.0	80.4	71.2	79.5	82.1	89.2	75.9	81.3	82.0	73.6
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<0.7	3.0	<3.0	<2.4	<3.9	<2	<3	2.4	<0.6	4.7
SELENIUM EPTOXICITY	mg/l										
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l										
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg			U							
SUBSTITUTED CYCLOALKANE	mg/kg										

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-47-4	SB-47-5	SB-47-6	SB-47-7	SB-48-1	SB-48-2	SB-48-3	SB-48-4	SB-48-5
DIMETHYL PHTHALATE	mg/kg									
ENDOSULFAN SULFATE	mg/kg									
ENDRIN	mg/kg									
ENDRIN ALDEHYDE	mg/kg									
ENDRIN KETONE	mg/kg									
ETHYLBENZENE	mg/kg									
FLUORANTHENE	mg/kg									
FLUORENE	mg/kg									
FLUORIDE	mg/kg	53	<30	<36	<32	<32	<25	<28	<39	57
HEPTACHLOR	mg/kg									
HEPTACHLOR EPOXIDE	mg/kg									
HEXACHLORO-BUTADIENE	mg/kg									
HEXACHLORO-CYCLOPENTADIENE	mg/kg									
HEXACHLOROBENZENE	mg/kg									
HEXACHLOROETHANE	mg/kg									
HEXAVALENT CHROMIUM	mg/kg		59					34		
INDENO(1,2,3-CD)PYRENE	mg/kg									
ISOPHORONE	mg/kg									
LEAD	mg/kg	100	159	230	73	250	26	640	240	23
LEAD EPTOXICITY	mg/l				<2.5					<2.5
LINDANE	mg/kg									
MAGNESIUM	mg/kg		36000					30000		
MANGANESE	mg/kg		410					490		
MERCURY	mg/kg	36	0.65	0.70	<0.5	<0.3	<0.5	<0.6	0.72	<0.4
MERCURY EPTOXICITY	mg/l				<0.04					<0.04
METHOXYCHLOR	mg/kg									
METHYLENE CHLORIDE	mg/kg									
MOLYBDENUM	mg/kg		<27					<27		
N-NITROSODIPHENYLAMINE	mg/kg									
N-NITROSODIPROPYLAMINE	mg/kg									
NAPHTHALENE	mg/kg									
NITROBENZENE	mg/kg									
NONANE	mg/kg									
O-DICHLOROBENZENE	mg/kg									
OCTANE	mg/kg									
P-CHLORO-M-CRESOL	mg/kg									
PCB-1016	mg/kg									
PCB-1221	mg/kg									
PCB-1232	mg/kg									
PCB-1242	mg/kg									
PCB-1248	mg/kg									
PCB-1254	mg/kg									
PCB-1260	mg/kg									
PENTACHLOROPHENOL	mg/kg									
PERCENT SOLIDS	%	83.6	66.2	56.1	61.8	62.8	80.3	72.6	51.5	77.4
PHENANTHRENE	mg/kg									
PHENOL	ug/kg									
PYRENE	mg/kg									
SATURATED HYDROCARBON	ug/kg									
SELENIUM	mg/kg	2.3	<3.4	<3.8	<2.4	<4	<3	<3	<4	<2
SELENIUM EPTOXICITY	mg/l				<1					<1
SILVER	mg/kg									
SILVER EPTOXICITY	mg/l				<2					<2
SOLIDS EPTOXICITY	%									
STYRENE	mg/kg									
SUBSTITUTED CYCLOALKANE	mg/kg									

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-45-1	SB-45-3	SB-45-4	SB-45-5	SB-45-6	SB-46-1	SB-46-2	SB-47-1	SB-47-2	SB-47-3
TETRACHLOROETHENE	mg/kg			U							
TOLUENE	mg/kg			U							
TOTAL CHROMIUM	mg/kg	3300	3200	5400	2100	500	3500	4000	1970	5900	1960
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg			U							
TOXAPHENE	ng/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg			U							
TRICHLOROETHENE	mg/kg			U							
VINYL ACETATE	mg/kg			U							
VINYL CHLORIDE	mg/kg			U							
ZINC	mg/kg							250			

NORTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-47-4	SB-47-5	SB-47-6	SB-47-7	SB-48-1	SB-48-2	SB-48-3	SB-48-4	SB-48-5
TETRACHLOROETHENE	mg/kg									
TOLUENE	mg/kg									
TOTAL CHROMIUM	mg/kg	1710	3000	310	380	8200	3700	3100	3600	1080
TOTAL SOLIDS	%									
TOTAL XYLENES	mg/kg									
TOXAPHENE	mg/kg									
TRANS-1,3-DICHLOROPROPENE	mg/kg									
TRICHLOROETHENE	mg/kg									
VINYL ACETATE	mg/kg									
VINYL CHLORIDE	mg/kg									
ZINC	mg/kg		340					260		

SOILDATA COMPARISON REPORT

NORTH WASTE PILE - SILT

PARAMETERS	UNITS	SB-45-7	SB-46-4
(A-BHC)	mg/kg		
(B-BHC)	mg/kg		
(D-BHC)	mg/kg		
1,1,1-TRICHLOROETHANE	mg/kg		
1,1,2,2-TETRACHLOROETHANE	mg/kg		
1,1,2-TRICHLOROETHANE	mg/kg		
1,1-DICHLOROETHANE	mg/kg		
1,1-DICHLOROETHENE	mg/kg		
1,1-DIMETHYLCYCLOHEXANE	mg/kg		
1,2,4-TRICHLOROBENZENE	mg/kg		
1,2-DICHLOROBENZENE	mg/kg		
1,2-DICHLOROETHANE	mg/kg		
1,2-DICHLOROETHENE	mg/kg		
1,2-DICHLOROPROPANE	mg/kg		
1,3-DICHLOROBENZENE	mg/kg		
1,4-DICHLOROBENZENE	mg/kg		
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg		
2,4,5-TRICHLOROPHENOL	mg/kg		
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg		
2,4,6-TRICHLOROPHENOL	mg/kg		
2,4-DICHLOROPHENOL	mg/kg		
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg		
2,4-DIMETHYLPHENOL	mg/kg		
2,4-DINITROPHENOL	mg/kg		
2,4-DINITROTOLUENE	mg/kg		
2,6-DINITROTOLUENE	mg/kg		
2-BUTANONE	mg/kg		
2-CHLOROANILINE	mg/kg		
2-CHLOROETHYL VINYL ETHER	mg/kg		
2-CHLORONAPHTHALENE	mg/kg		
2-CHLOROPHENOL	mg/kg		
2-HEXANONE	mg/kg		
2-METHYLHEPTANE	mg/kg		
2-METHYLNAPHTHALENE	mg/kg		
2-METHYLOCTANE	mg/kg		
2-METHYLPHENOL	mg/kg		
2-NAPHTHOL	mg/kg		
2-NITROANILINE	mg/kg		
2-NITROPHENOL	mg/kg		
3,3'-DICHLOROBENZIDINE	mg/kg		
3-METHYLHEPTANE	mg/kg		
3-NITROANILINE	mg/kg		
4,4-DDD	mg/kg		
4,4-DDE	mg/kg		
4,4-DDT	mg/kg		
4,6-DINITRO-2-METHYLPHENOL	mg/kg		
4-BR-PHENYL PHENYL ETHER	mg/kg		
4-CHLOROANILINE	mg/kg		
4-CL-PHENYL PHENYL ETHER	mg/kg		
4-METHYL-2-PENTANONE	mg/kg		
4-METHYLPHENOL	mg/kg		
4-NITROANILINE	mg/kg		
4-NITROPHENOL	mg/kg		
A C4 SUBST. CYCLOHEXANE	mg/kg		
A DICHLOROBIPHENYL	mg/kg		

PARAMETERS	UNITS	SAMPLE NUMBERS SB-45-7	SB-46-4
A DIMETHYLCYCLOHEXANE	mg/kg		
A TRIMETHYLCYCLOHEXANE	mg/kg		
A-ENDOSULFAN	mg/kg		
ACENAPHTHENE	mg/kg		
ACENAPHTHYLENE	mg/kg		
ACETONE	mg/kg		
ALDRIN	mg/kg		
ANTHRACENE	mg/kg		
ANTIMONY	mg/kg		
ARSENIC	mg/kg	7.3	6.3
ARSENIC EPTOXICITY	mg/l	<2.5	
B-ENDOSULFAN	mg/kg		
BARIUM	mg/kg	240	150
BARIUM EPTOXICITY	mg/l	<10	
BENZENE	mg/kg		
BENZO(A)ANTHRACENE	mg/kg		
BENZO(A)PYRENE	mg/kg		
BENZO(B)FLOURANTHENE	mg/kg		
BENZO(B)FLUORANTHENE	mg/kg		
BENZO(GHI)PERYLENE	mg/kg		
BENZO(K)FLUORANTHENE	mg/kg		
BENZOIC ACID	mg/kg		
BENZYL ALCOHOL	mg/kg		
BENZYL BUTYL PHTHALATE	mg/kg		
BIS(2-CHLORDETHYL) ETHER	mg/kg		
BIS(2-CL-ETHOXY) METHANE	mg/kg		
BIS(2-CL-ISOPROPYL) ETHER	mg/kg		
BIS(2-ET-HEXYL) PHTHALATE	mg/kg		
BROMODICHLOROMETHANE	mg/kg		
BROMOFORM	mg/kg		
BROMOMETHANE	mg/kg		
C10H18 HYDROCARBON	mg/kg		
C11 SATURATED HYDROCARBON	mg/kg		
C9 SATURATED HYDROCARBON	mg/kg		
CADMIUM	mg/kg	3.4	3.3
CADMIUM EPTOXICITY	mg/l	<0.5	
CARBON DISULFIDE	mg/kg		
CARBON TETRACHLORIDE	mg/kg		
CHLORDANE	mg/kg		
CHLOROBENZENE	mg/kg		
CHLOROETHANE	mg/kg		
CHLOROFORM	mg/kg		
CHLOROMETHANE	mg/kg		
CHROMIUM EPTOXICITY	mg/l	<2.5	
CHRYSENE	mg/kg		
CIS-1,3-DICHLOROPROPENE	mg/kg		
COPPER	mg/kg		
CYANIDE	mg/kg		
DECANE	mg/kg		
DI-N-BUTYL PHTHALATE	mg/kg		
DI-N-OCTYL PHTHALATE	mg/kg		
DIBENZO(AH)ANTHRACENE	mg/kg		
DIBENZOFURAN	mg/kg		
DIBROMOCHLOROMETHANE	mg/kg		
DIELDRIN	mg/kg		
DIETHYL PHTHALATE	mg/kg		

PARAMETERS	UNITS	SAMPLE NUMBERS SB-45-7	SB-46-4
DIMETHYL PHTHALATE	mg/kg		
ENDOSULFAN SULFATE	mg/kg		
ENDRIN	mg/kg		
ENDRIN ALDEHYDE	mg/kg		
ENDRIN KETONE	mg/kg		
ETHYLBENZENE	mg/kg		
FLUORANTHENE	mg/kg		
FLUORENE	mg/kg		
FLUORIDE	mg/kg	360	550
HEPTACHLOR	mg/kg		
HEPTACHLOR EPOXIDE	mg/kg		
HEXACHLORO-BUTADIENE	mg/kg		
HEXACHLORO-CYCLOPENTADIENE	mg/kg		
HEXACHLOROBENZENE	mg/kg		
HEXACHLOROETHANE	mg/kg		
HEXAVALENT CHROMIUM	mg/kg		
INDENO(1,2,3-CD)PYRENE	mg/kg		
ISOPHORONE	mg/kg		
LEAD	mg/kg	10.8	13.6
LEAD EPTOXICITY	mg/l	<2.5	
LINDANE	mg/kg		
MAGNESIUM	mg/kg		
MANGANESE	mg/kg		
MERCURY	mg/kg	<0.6	<0.4
MERCURY EPTOXICITY	mg/l	<0.04	
METHOXYCHLOR	mg/kg		
METHYLENE CHLORIDE	mg/kg		
MOLYBDENUM	mg/kg		
N-NITROSODIPHENYLAMINE	mg/kg		
N-NITROSODIPROPYLAMINE	mg/kg		
NAPHTHALENE	mg/kg		
NITROBENZENE	mg/kg		
NONANE	mg/kg		
O-DICHLOROBENZENE	mg/kg		
OCTANE	mg/kg		
P-CHLORO-M-CRESOL	mg/kg		
PCB-1016	mg/kg		
PCB-1221	mg/kg		
PCB-1232	mg/kg		
PCB-1242	mg/kg		
PCB-1248	mg/kg		
PCB-1254	mg/kg		
PCB-1260	mg/kg		
PENTACHLOROPHENOL	mg/kg		
PERCENT SOLIDS	%	71.7	75.9
PHENANTHRENE	mg/kg		
PHENOL	ug/kg		
PYRENE	mg/kg		
SATURATED HYDROCARBON	ug/kg		
SELENIUM	mg/kg	<3.0	<3
SELENIUM EPTOXICITY	mg/l	<1	
SILVER	mg/kg		
SILVER EPTOXICITY	mg/l	<2	
SOLIDS EPTOXICITY	%		
STYRENE	mg/kg		
SUBSTITUTED CYCLOALKANE	mg/kg		

SOILDATA COMPARISON REPORT

NORTH WASTE PILE - SILT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-45-7	SB-46-4
TETRACHLOROETHENE	mg/kg		
TOLUENE	mg/kg		
TOTAL CHROMIUM	mg/kg	32	89
TOTAL SOLIDS	%		
TOTAL XYLENES	mg/kg		
TOXAPHENE	mg/kg		
TRANS-1,3-DICHLOROPROPENE	mg/kg		
TRICHLOROETHENE	mg/kg		
VINYL ACETATE	mg/kg		
VINYL CHLORIDE	mg/kg		
ZINC	mg/kg		

NORTH WASTE PILE - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-46-3	SB-46-5	SB-46-6
(A-BHC)	mg/kg			
(B-BHC)	mg/kg			
(D-BHC)	mg/kg			
1,1,1-TRICHLOROETHANE	mg/kg			
1,1,2,2-TETRACHLOROETHANE	mg/kg			
1,1,2-TRICHLOROETHANE	mg/kg			
1,1-DICHLOROETHANE	mg/kg			
1,1-DICHLOROETHENE	mg/kg			
1,1-DIMETHYLCYCLOHEXANE	mg/kg			
1,2,4-TRICHLOROBENZENE	mg/kg			
1,2-DICHLOROBENZENE	mg/kg			
1,2-DICHLOROETHANE	mg/kg			
1,2-DICHLOROETHENE	mg/kg			
1,2-DICHLOROPROPANE	mg/kg			
1,3-DICHLOROBENZENE	mg/kg			
1,4-DICHLOROBENZENE	mg/kg			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			
2,4,5-TRICHLOROPHENOL	mg/kg			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg			
2,4,6-TRICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg			
2,4-DIMETHYLPHENOL	mg/kg			
2,4-DINITROPHENOL	mg/kg			
2,4-DINITROTOLUENE	mg/kg			
2,6-DINITROTOLUENE	mg/kg			
2-BUTANONE	mg/kg			
2-CHLOROANILINE	mg/kg			
2-CHLOROETHYL VINYL ETHER	mg/kg			
2-CHLORONAPHTHALENE	mg/kg			
2-CHLOROPHENOL	mg/kg			
2-HEXANONE	mg/kg			
2-METHYLHEPTANE	mg/kg			
2-METHYLNAPHTHALENE	mg/kg			
2-METHYLOCTANE	mg/kg			
2-METHYLPHENOL	mg/kg			
2-NAPHTHOL	mg/kg			
2-NITROANILINE	mg/kg			
2-NITROPHENOL	mg/kg			
3,3'-DICHLOROBENZIDINE	mg/kg			
3-METHYLHEPTANE	mg/kg			
3-NITROANILINE	mg/kg			
4,4-DDD	mg/kg			
4,4-DDE	mg/kg			
4,4-DDT	mg/kg			
4,6-DINITRO-2-METHYLPHENOL	mg/kg			
4-BR-PHENYL PHENYL ETHER	mg/kg			
4-CHLOROANILINE	mg/kg			
4-CL-PHENYL PHENYL ETHER	mg/kg			
4-METHYL-2-PENTANONE	mg/kg			
4-METHYLPHENOL	mg/kg			
4-NITROANILINE	mg/kg			
4-NITROPHENOL	mg/kg			
A C4 SUBST. CYCLOHEXANE	mg/kg			
A DICHLOROBIPHENYL	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-46-3	SB-46-5	SB-46-6
A DIMETHYLCYCLOHEXANE	mg/kg			
A TRIMETHYLCYCLOHEXANE	mg/kg			
A-ENDOSULFAN	mg/kg			
ACENAPHTHENE	mg/kg			
ACENAPHTHYLENE	mg/kg			
ACETONE	mg/kg			
ALDRIN	mg/kg			
ANTHRACENE	mg/kg			
ANTIMONY	mg/kg			
ARSENIC	mg/kg	6.4	8.9	
ARSENIC EPTOXICITY	mg/l	<2.5		
B-ENDOSULFAN	mg/kg			
BARIUM	mg/kg	131	115	
BARIUM EPTOXICITY	mg/l	<10		
BENZENE	mg/kg			
BENZO(A)ANTHRACENE	mg/kg			
BENZO(A)PYRENE	mg/kg			
BENZO(B)FLOURANTHENE	mg/kg			
BENZO(B)FLUORANTHENE	mg/kg			
BENZO(GHI)PERYLENE	mg/kg			
BENZO(K)FLUORANTHENE	mg/kg			
BENZOIC ACID	mg/kg			
BENZYL ALCOHOL	mg/kg			
BENZYL BUTYL PHTHALATE	mg/kg			
BIS(2-CHLOROETHYL) ETHER	mg/kg			
BIS(2-CL-ETHOXY) METHANE	mg/kg			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg			
BROMODICHLOROMETHANE	mg/kg			
BROMOFORM	mg/kg			
BROMOMETHANE	mg/kg			
C10H18 HYDROCARBON	mg/kg			
C11 SATURATED HYDROCARBON	mg/kg			
C9 SATURATED HYDROCARBON	mg/kg			
CADMIUM	mg/kg	4.3	2.8	
CADMIUM EPTOXICITY	mg/l	<0.5		
CARBON DISULFIDE	mg/kg			
CARBON TETRACHLORIDE	mg/kg			
CHLORDANE	mg/kg			
CHLOROBENZENE	mg/kg			
CHLOROETHANE	mg/kg			
CHLOROFORM	mg/kg			
CHLOROMETHANE	mg/kg			
CHROMIUM EPTOXICITY	mg/l	<2.5		
CHRYSENE	mg/kg			
CIS-1,3-DICHLOROPROPENE	mg/kg			
COPPER	mg/kg			
CYANIDE	mg/kg			
DECANE	mg/kg			
DI-N-BUTYL PHTHALATE	mg/kg			
DI-N-OCTYL PHTHALATE	mg/kg			
DIBENZO(AH)ANTHRACENE	mg/kg			
DIBENZOFURAN	mg/kg			
DIBROMOCHLOROMETHANE	mg/kg			
DIELDRIN	mg/kg			
DIETHYL PHTHALATE	mg/kg			

PARAMETERS	UNITS	SB-46-3	SB-46-5	SB-46-6
DIMETHYL PHTHALATE	mg/kg			
ENDOSULFAN SULFATE	mg/kg			
ENDRIN	mg/kg			
ENDRIN ALDEHYDE	mg/kg			
ENDRIN KETONE	mg/kg			
ETHYLBENZENE	mg/kg			
FLUORANTHENE	mg/kg			
FLUORENE	mg/kg			
FLUORIDE	mg/kg	470	650	
HEPTACHLOR	mg/kg			
HEPTACHLOR EPOXIDE	mg/kg			
HEXACHLORO-BUTADIENE	mg/kg			
HEXACHLORO-CYCLOPENTADIENE	mg/kg			
HEXACHLOROBENZENE	mg/kg			
HEXACHLOROETHANE	mg/kg			
HEXAVALENT CHROMIUM	mg/kg			
INDENO(1,2,3-CD)PYRENE	mg/kg			
ISOPHORONE	mg/kg			
LEAD	mg/kg	17.6	26	
LEAD EPTOXICITY	mg/l	<2.5		
LINDANE	mg/kg			
MAGNESIUM	mg/kg			
MANGANESE	mg/kg			
MERCURY	mg/kg	<0.6	0.42	
MERCURY EPTOXICITY	mg/l	<0.04		
METHOXYCHLOR	mg/kg			
METHYLENE CHLORIDE	mg/kg			
MOLYBDENUM	mg/kg			
N-NITROSODIPHENYLAMINE	mg/kg			
N-NITROSODIPROPYLAMINE	mg/kg			
NAPHTHALENE	mg/kg			
NITROBENZENE	mg/kg			
NONANE	mg/kg			
O-DICHLOROBENZENE	mg/kg			
OCTANE	mg/kg			
P-CHLORO-M-CRESOL	mg/kg			
PCB-1016	mg/kg			
PCB-1221	mg/kg			
PCB-1232	mg/kg			
PCB-1242	mg/kg			
PCB-1248	mg/kg			
PCB-1254	mg/kg			
PCB-1260	mg/kg			
PENTACHLOROPHENOL	mg/kg			
PERCENT SOLIDS	%	77.7	77.2	78.6
PHENANTHRENE	mg/kg			
PHENOL	ug/kg			
PYRENE	mg/kg			
SATURATED HYDROCARBON	ug/kg			
SELENIUM	mg/kg	<3	<3	
SELENIUM EPTOXICITY	mg/l	<1		
SILVER	mg/kg			
SILVER EPTOXICITY	mg/l	<2		
SOLIDS EPTOXICITY	%			
STYRENE	mg/kg			
SUBSTITUTED CYCLOALKANE	mg/kg			

NORTH WASTE PILE - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-46-3	SB-46-5	SB-46-6
TETRACHLOROETHENE	mg/kg			
TOLUENE	mg/kg			
TOTAL CHROMIUM	mg/kg	1070	61	
TOTAL SOLIDS	%			
TOTAL XYLENES	mg/kg			
TOXAPHENE	mg/kg			
TRANS-1,3-DICHLOROPROPENE	mg/kg			
TRICHLOROETHENE	mg/kg			
VINYL ACETATE	mg/kg			
VINYL CHLORIDE	mg/kg			
ZINC	mg/kg			

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SB-40-1	SB-40-2	SB-40-3	SB-40-4	SB-40-5	SB-40-6	SB-40-7	SB-41-1	SB-41-2	SB-41-3
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLOROETHANE	mg/kg										
1,1,2,2-TETRACHLOROETHANE	mg/kg										
1,1,2-TRICHLOROETHANE	mg/kg										
1,1-DICHLOROETHANE	mg/kg										
1,1-DICHLOROETHENE	mg/kg										
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg										
1,2-DICHLOROBENZENE	mg/kg										
1,2-DICHLOROETHANE	mg/kg										
1,2-DICHLOROETHENE	mg/kg										
1,2-DICHLOROPROPANE	mg/kg										
1,3-DICHLOROBENZENE	mg/kg										
1,4-DICHLOROBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg										
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg										
2,6-DINITROTOLUENE	mg/kg										
2-BUTANONE	mg/kg										
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg										
2-CHLORONAPHTHALENE	mg/kg										
2-CHLOROPHENOL	mg/kg										
2-HEXANONE	mg/kg										
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg										
2-NITROPHENOL	mg/kg										
3,3'-DICHLOROBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLOROANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg										
4-METHYLPHENOL	mg/kg										
4-NITROANILINE	mg/kg										
4-NITROPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SB-41-4	SB-41-5	SB-41-6	SB-41-7	SB-41-8	SB-42-1	SB-42-2	SB-42-3	SB-42-4	SB-42-5
	SAMPLE NUMBERS										
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLOROETHANE	mg/kg										
1,1,2,2-TETRACHLOROETHANE	mg/kg										
1,1,2-TRICHLOROETHANE	mg/kg										
1,1-DICHLOROETHANE	mg/kg										
1,1-DICHLOROETHENE	mg/kg										
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg										
1,2-DICHLOROBENZENE	mg/kg										
1,2-DICHLOROETHANE	mg/kg										
1,2-DICHLOROETHENE	mg/kg										
1,2-DICHLOROPROPANE	mg/kg										
1,3-DICHLOROBENZENE	mg/kg										
1,4-DICHLOROBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg										
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg										
2,6-DINITROTOLUENE	mg/kg										
2-BUTANONE	mg/kg										
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg										
2-CHLORONAPHTHALENE	mg/kg										
2-CHLOROPHENOL	mg/kg										
2-HEXANONE	mg/kg										
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg										
2-NITROPHENOL	mg/kg										
3,3'-DICHLOROBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLOROANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg										
4-METHYLPHENOL	mg/kg										
4-NITROANILINE	mg/kg										
4-NITROPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SAMPLE NUMBERS SB-42-6	SB-42-7	SB-42-8	SB-43-11	SB-43-13	SB-43-14	SB-43-3	SB-43-6	SB-43-7	SB-43-8
(A-BHC)	mg/kg								U		
(B-BHC)	mg/kg								U		
(D-BHC)	mg/kg								U		
1,1,1-TRICHLOROETHANE	mg/kg				U	U			U	U	U
1,1,2,2-TETRACHLOROETHANE	mg/kg				U	U			U	U	U
1,1,2-TRICHLOROETHANE	mg/kg				U	U			U	U	U
1,1-DICHLOROETHANE	mg/kg				U	U			U	U	U
1,1-DICHLOROETHENE	mg/kg				U	U			U	U	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg								U		
1,2-DICHLOROBENZENE	mg/kg								2600		
1,2-DICHLOROETHANE	mg/kg				U	U			U	U	U
1,2-DICHLOROETHENE	mg/kg				U	U			U	U	U
1,2-DICHLOROPROPANE	mg/kg				U	U			U	U	U
1,3-DICHLOROBENZENE	mg/kg								U		
1,4-DICHLOROBENZENE	mg/kg								780		
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg								U		
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg								U		
2,4-DICHLOROPHENOL	mg/kg								U		
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg								U		
2,4-DINITROPHENOL	mg/kg								U		
2,4-DINITROTOLUENE	mg/kg								U		
2,6-DINITROTOLUENE	mg/kg								U		
2-BUTANONE	mg/kg				LCB	LCB			LCB	LCB	LCB
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg				U	U			U	U	U
2-CHLORONAPHTHALENE	mg/kg								U		
2-CHLOROPHENOL	mg/kg								U		
2-HEXANONE	mg/kg				U	U			U	U	U
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg								U		
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg								U		
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg								U		
2-NITROPHENOL	mg/kg								U		
3,3'-DICHLOROBENZIDINE	mg/kg								22000		
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg								U		
4,4-DDD	mg/kg								U		
4,4-DDE	mg/kg								U		
4,4-DDT	mg/kg								U		
4,6-DINITRO-2-METHYLPHENOL	mg/kg								U		
4-BR-PHENYL PHENYL ETHER	mg/kg								U		
4-CHLOROANILINE	mg/kg								U		
4-CL-PHENYL PHENYL ETHER	mg/kg								U		
4-METHYL-2-PENTANONE	mg/kg				LCB	U			U	U	U
4-METHYLPHENOL	mg/kg								U		
4-NITROANILINE	mg/kg								6700		
4-NITROPHENOL	mg/kg								U		
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SB-44-1	SB-44-10	SB-44-2	SB-44-3	SB-44-4	SB-44-5	SB-44-6	SB-44-7	SB-44-8	SB-44-9
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLOROETHANE	mg/kg										
1,1,2,2-TETRACHLOROETHANE	mg/kg										
1,1,2-TRICHLOROETHANE	mg/kg										
1,1-DICHLOROETHANE	mg/kg										
1,1-DICHLOROETHENE	mg/kg										
1,1-DIMETHYLCYCLOHEXANE	mg/kg			240000			12000	2400			
1,2,4-TRICHLOROBENZENE	mg/kg										
1,2-DICHLOROBENZENE	mg/kg										
1,2-DICHLOROETHANE	mg/kg										
1,2-DICHLOROETHENE	mg/kg										
1,2-DICHLOROPROPANE	mg/kg										
1,3-DICHLOROBENZENE	mg/kg										
1,4-DICHLOROBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			28,000							
2,4,5-TRICHLOROPHENOL	mg/kg										
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg										
2,6-DINITROTOLUENE	mg/kg										
2-BUTANONE	mg/kg										
2-CHLOROANILINE	mg/kg			2500							
2-CHLOROETHYL VINYL ETHER	mg/kg										
2-CHLORONAPHTHALENE	mg/kg										
2-CHLOROPHENOL	mg/kg										
2-HEXANONE	mg/kg										
2-METHYLHEPTANE	mg/kg			1400000		19000	110000	21000	5500		
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLOCTANE	mg/kg			120,000			8,600				
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg			2500							
2-NITROANILINE	mg/kg										
2-NITROPHENOL	mg/kg										
3,3'-DICHLOROBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg			900,000		13000	64000	9100	2600		
3-NITROANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLOROANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg										
4-METHYLPHENOL	mg/kg										
4-NITROANILINE	mg/kg										
4-NITROPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg			730					3100		
A DICHLORODIPHENYL	mg/kg			6600							

SOUTH WASTE PILE - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-40-1	SB-40-2	SB-40-3	SB-40-4	SB-40-5	SB-40-6	SB-40-7	SB-41-1	SB-41-2	SB-41-3
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg										
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg			1830							1750
ARSENIC	mg/kg	<6	61	57	78	178	148	47	4.3	12.0	82
ARSENIC EPTOXICITY	mg/l										
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg	1430	1550	14400	20000	11600	3300	24000	12600	4000	3500
BARIUM EPTOXICITY	mg/l										
BENZENE	mg/kg										
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLOROETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg										
BROMOFORM	mg/kg										
BROMOMETHANE	mg/kg										
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	153	2200	3400	1610	4000	1920	1270	4400	105	720
CADMIUM EPTOXICITY	mg/l										
CARBON DISULFIDE	mg/kg										
CARBON TETRACHLORIDE	mg/kg										
CHLORDANE	mg/kg										
CHLOROBENZENE	mg/kg										
CHLOROETHANE	mg/kg										
CHLOROFORM	mg/kg										
CHLOROMETHANE	mg/kg										
CHROMIUM EPTOXICITY	mg/l										
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg										
COPPER	mg/kg			2700							2500
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZO(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg										
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

SOILDATA COMPARISON REPORT

SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SAMPLE NUMBERS SB-41-4	SB-41-5	SB-41-6	SB-41-7	SB-41-8	SB-42-1	SB-42-2	SB-42-3	SB-42-4	SB-42-5
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg										
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg										
ARSENIC	mg/kg	138	57	71	39	57	11.5	4.3	75	47	70
ARSENIC EPTOXICITY	mg/l		<2.5								
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg	8700	9000	21000	48000	13200	25000	940	9800	13500	27000
BARIUM EPTOXICITY	mg/l		<10								
BENZENE	mg/kg										
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLORDETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg										
BROMOFORM	mg/kg										
BROMOMETHANE	mg/kg										
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	1650	2200	3200	3400	3300	2000	50	1710	1230	1970
CADMIUM EPTOXICITY	mg/l		8.2								
CARBON DISULFIDE	mg/kg										
CARBON TETRACHLORIDE	mg/kg										
CHLORDANE	mg/kg										
CHLOROBENZENE	mg/kg										
CHLOROETHANE	mg/kg										
CHLOROFORM	mg/kg										
CHLOROMETHANE	mg/kg										
CHROMIUM EPTOXICITY	mg/l		<2.5								
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg										
COPPER	mg/kg										
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZO(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg										
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SAMPLE NUMBERS SB-42-6	SB-42-7	SB-42-8	SB-43-11	SB-43-13	SB-43-14	SB-43-3	SB-43-6	SB-43-7	SB-43-8
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg								U		
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg								U		
ACETONE	mg/kg				LCB	LCB			LCB	LCB	LCB
ALDRIN	mg/kg								U		
ANTHRACENE	mg/kg								U		
ANTIMONY	mg/kg	1830							1490		
ARSENIC	mg/kg	116	78	61	76	57	4.3	14.0	169	106	59
ARSENIC EPTOXICITY	mg/l										
B-ENDOSULFAN	mg/kg								U		
BARIUM	mg/kg	21000	7300	39000	2600	9900	2100	17100	2800	4600	1280
BARIUM EPTOXICITY	mg/l										
BENZENE	mg/kg				94	26000			U	U	88
BENZO(A)ANTHRACENE	mg/kg								U		
BENZO(A)PYRENE	mg/kg								U		
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg								U		
BENZO(GHI)PERYLENE	mg/kg								U		
BENZO(K)FLUORANTHENE	mg/kg								U		
BENZOIC ACID	mg/kg								U		
BENZYL ALCOHOL	mg/kg								U		
BENZYL BUTYL PHTHALATE	mg/kg								U		
BIS(2-CHLOROETHYL) ETHER	mg/kg								U		
BIS(2-CL-ETHOXY) METHANE	mg/kg								U		
BIS(2-CL-ISOPROPYL) ETHER	mg/kg								U		
BIS(2-ET-HEXYL) PHTHALATE	mg/kg								340000		
BROMODICHLOROMETHANE	mg/kg				U	U			U	U	U
BROMOFORM	mg/kg				U	U			U	U	U
BROMOMETHANE	mg/kg				U	U			U	U	U
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	1830	2600	2800	1520	760	33	5600	3300	3200	2500
CADMIUM EPTOXICITY	mg/l										
CARBON DISULFIDE	mg/kg				U	U			U	U	U
CARBON TETRACHLORIDE	mg/kg				U	U			U	U	U
CHLORDANE	mg/kg								U		
CHLOROBENZENE	mg/kg				U	U			U	U	U
CHLOROETHANE	mg/kg				U	U			U	U	U
CHLOROFORM	mg/kg				U	U			U	U	U
CHLOROMETHANE	mg/kg				U	U			U	U	U
CHROMIUM EPTOXICITY	mg/l										
CHRYSENE	mg/kg								U		
CIS-1,3-DICHLOROPROPENE	mg/kg				U	U			U	U	U
COPPER	mg/kg	2500							3100		
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg								U		
DI-N-OCTYL PHTHALATE	mg/kg								U		
DIBENZO(AH)ANTHRACENE	mg/kg								U		
DIBENZOFURAN	mg/kg								U		
DIBROMOCHLOROMETHANE	mg/kg				U	U			U	U	U
DIELDRIN	mg/kg								U		
DIETHYL PHTHALATE	mg/kg								U		

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SAMPLE NUMBERS SB-44-1	SB-44-10	SB-44-2	SB-44-3	SB-44-4	SB-44-5	SB-44-6	SB-44-7	SB-44-8	SB-44-9
A DIMETHYLCYCLOHEXANE	mg/kg			180,000		12000	8000	10000			
A TRIMETHYLCYCLOHEXANE	mg/kg			320,000	1700	11000		8800	3000		
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg										
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg			1030							
ARSENIC	mg/kg	38	7.0	86	3.5	27	330	114	75	320	7(
ARSENIC EPTOXICITY	mg/l						<2.5				
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg	360	3300	420	520	3000	1720	11800	7900	2500	1490(
BARIUM EPTOXICITY	mg/l						<10				
BENZENE	mg/kg			58							
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLOROETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg										
BROMOFORM	mg/kg										
BROMOMETHANE	mg/kg										
C10H18 HYDROCARBON	mg/kg								2900		
C11 SATURATED HYDROCARBON	mg/kg			4900							
C9 SATURATED HYDROCARBON	mg/kg			390,000			24,000				
CADMIUM	mg/kg	710	200	3700	74	2000	2500	3200	2400	2900	183(
CADMIUM EPTOXICITY	mg/l						7.7				
CARBON DISULFIDE	mg/kg										
CARBON TETRACHLORIDE	mg/kg										
CHLORDANE	mg/kg										
CHLOROBENZENE	mg/kg										
CHLOROETHANE	mg/kg										
CHLOROFORM	mg/kg										
CHLOROMETHANE	mg/kg										
CHROMIUM EPTOXICITY	mg/l						<2.5				
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg										
COPPER	mg/kg			1450							
CYANIDE	mg/kg										
DECANE	mg/kg			11,000							
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZ(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg										
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SB-40-1	SB-40-2	SB-40-3	SB-40-4	SB-40-5	SB-40-6	SB-40-7	SB-41-1	SB-41-2	SB-41-3
	SAMPLE NUMBERS										
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg										
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg	95	100	168	139	107	<55	73	59	115	76
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg			3400							<2
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg	1320	69000	87000	53000	80000	49000	117000	360	5200	99000
LEAD EPTOXICITY	mg/l										
LINDANE	mg/kg										
MAGNESIUM	mg/kg			40000							3300
MANGANESE	mg/kg			1230							2200
MERCURY	mg/kg	5.0	40	46	58	47	46	57	4.4	2.3	63
MERCURY EPTOXICITY	mg/l										
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg										
MOLYBDENUM	mg/kg			1580							1660
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%	74.8	46.0	42.2	45.5	33.4	34.4	32.9	73.1	88.5	29.9
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<4	24	32	28	60	39	37	<2	<3	<9
SELENIUM EPTOXICITY	mg/l										
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l										
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg										
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SB-41-4	SB-41-5	SB-41-6	SB-41-7	SB-41-8	SB-42-1	SB-42-2	SB-42-3	SB-42-4	SB-42
		SAMPLE NUMBERS									
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg										
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg	67	122	450	280	220	115	105	89	131	1
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg										
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg	61000	77000	103000	82000	98000	8900	1300	70000	56000	690
LEAD EPTOXICITY	mg/l		16.4								
LINDANE	mg/kg										
MAGNESIUM	mg/kg										
MANGANESE	mg/kg										
MERCURY	mg/kg	51	88	59	61	58	96	5.9	13.8	59	
MERCURY EPTOXICITY	mg/l		<0.04								
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg										
MOLYBDENUM	mg/kg										
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%	48.2	44.5	23.0	37.3	31.2	72.3	87.4	57.2	65.0	47.
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	17.4	39	31	84	151	9.0	<2	3.7	23	
SELENIUM EPTOXICITY	mg/l		<1								
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l		<1								
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg										
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SAMPLE NUMBERS SB-42-6	SB-42-7	SB-42-8	SB-43-11	SB-43-13	SB-43-14	SB-43-3	SB-43-6	SB-43-7	SB-43-
DIMETHYL PHTHALATE	mg/kg								U		
ENDOSULFAN SULFATE	mg/kg								U		
ENDRIN	mg/kg								U		
ENDRIN ALDEHYDE	mg/kg								U		
ENDRIN KETONE	mg/kg								U		
ETHYLBENZENE	mg/kg				340	21000			7300	1100J	23
FLUORANTHENE	mg/kg								U		
FLUORENE	mg/kg								U		
FLUORIDE	mg/kg	90	90	100	118	92	122	240	112	96	10
HEPTACHLOR	mg/kg								U		
HEPTACHLOR EPOXIDE	mg/kg								U		
HEXACHLORO-BUTADIENE	mg/kg								U		
HEXACHLORO-CYCLOPENTADIENE	mg/kg								U		
HEXACHLOROBENZENE	mg/kg								3200		
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg	310							<1.2		
INDENO(1,2,3-CD)PYRENE	mg/kg								U		
ISOPHORONE	mg/kg								U		
LEAD	mg/kg	86000	131000	135000	50000	107000	1970	51000	65000	48000	5500
LEAD EPTOXICITY	mg/l										
LINDANE	mg/kg								U		
MAGNESIUM	mg/kg	29300							7500		
MANGANESE	mg/kg	830							760		
MERCURY	mg/kg	99	142	96	62	65	1.76	17.2	70	114	7
MERCURY EPTOXICITY	mg/l										
METHOXYCHLOR	mg/kg								U		
METHYLENE CHLORIDE	mg/kg				LCB	LCB			LCB	LCB	
MOLYBDENUM	mg/kg	1170							1550		
N-NITROSODIPHENYLAMINE	mg/kg								U		
N-NITROSODIPROPYLAMINE	mg/kg								U		
NAPHTHALENE	mg/kg								660		
NITROBENZENE	mg/kg								1600		
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg				330	14000				2300	9
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg								J		
PCB-1016	mg/kg								U		
PCB-1221	mg/kg								U		
PCB-1232	mg/kg								U		
PCB-1242	mg/kg								U		
PCB-1248	mg/kg								U		
PCB-1254	mg/kg								U		
PCB-1260	mg/kg								U		
PENTACHLOROPHENOL	mg/kg								U		
PERCENT SOLIDS	%	46.4	38.7	36.0	61.9	40.4	90.3	60.5	43.7	54.8	64.3
PHENANTHRENE	mg/kg								U		
PHENOL	ug/kg								U		
PYRENE	mg/kg								U		
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	27	129	64	20	26	<2	2.3	20	10.9	14.1
SELENIUM EPTOXICITY	mg/l										
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l										
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg				U	U			U	U	
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SB-44-1	SB-44-10	SB-44-2	SB-44-3	SB-44-4	SB-44-5	SB-44-6	SB-44-7	SB-44-8	SB-44-
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg			3200							
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg	142	156	99	33	102	138	850	129	320	1
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg			<2							
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg	23000	12600	43000	4500	9900	101000	75000	57000	101000	950
LEAD EPTOXICITY	mg/l						4.3				
LINDANE	mg/kg										
MAGNESIUM	mg/kg			2500							
MANGANESE	mg/kg			660							
MERCURY	mg/kg	64	11.7	26	5.2	56	470	45	52	<1	1
MERCURY EPTOXICITY	mg/l						<0.04				
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg										
MOLYBDENUM	mg/kg			760							
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg			61000							
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg			1800000			210000				
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%	67.8	74.8	53.8	70.7	70.6	41.2	36.5	49.7	37.1	37.
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg			2300	1400		12,000				
SELENIUM	mg/kg	13.5	<3	<4	<3	<3	18.1	6.5	4.4	8.7	15.
SELENIUM EPTOXICITY	mg/l						<1				
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l						<2				
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg										
SUBSTITUTED CYCLOALKANE	mg/kg			1,200,000							

SOILDATA COMPARISON REPORT **SOUTH WASTE PILE - FILL/WASTE**

PARAMETERS	UNITS	SAMPLE NUMBERS SB-40-1	SB-40-2	SB-40-3	SB-40-4	SB-40-5	SB-40-6	SB-40-7	SB-41-1	SB-41-2	SB-41-3
TETRACHLORDETHENE	mg/kg										
TOLUENE	mg/kg										
TOTAL CHROMIUM	mg/kg	790	45000	44000	32000	46000	32000	56000	96	3700	8600
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg										
TOXAPHENE	mg/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg										
TRICHLORDETHENE	mg/kg										
VINYL ACETATE	mg/kg										
VINYL CHLORIDE	mg/kg										
ZINC	mg/kg			1900							37

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SAMPLE NUMBERS SB-41-4	SB-41-5	SB-41-6	SB-41-7	SB-41-8	SB-42-1	SB-42-2	SB-42-3	SB-42-4	SB-42-5
TETRACHLOROETHENE	mg/kg										
TOLUENE	mg/kg										
TOTAL CHROMIUM	mg/kg	33000	38000	59000	41000	48000	3300	510	44000	22000	3700
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg										
TOXAPHENE	mg/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg										
TRICHLOROETHENE	mg/kg										
VINYL ACETATE	mg/kg										
VINYL CHLORIDE	mg/kg										
ZINC	mg/kg										

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SAMPLE NUMBERS SB-42-6	SB-42-7	SB-42-8	SB-43-11	SB-43-13	SB-43-14	SB-43-3	SB-43-6	SB-43-7	SB-43-8
TETRACHLOROETHENE	mg/kg				U	U			U	U	U
TOLUENE	mg/kg				17J	LCB			LCB	LCB	72
TOTAL CHROMIUM	mg/kg	42000	61000	60000	32000	46000	1050	22000	46000	36000	32000
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg				150	72000			11000	5100	67
TOXAPHENE	mg/kg								U		
TRANS-1,3-DICHLOROPROPENE	mg/kg				U	U			U	U	U
TRICHLOROETHENE	mg/kg				U	U			U	U	U
VINYL ACETATE	mg/kg				U	U			U	U	U
VINYL CHLORIDE	mg/kg				U	U			U	U	U
ZINC	mg/kg	1600							1430		

SOILDATA COMPARISON REPORT SOUTH WASTE PILE - FILL/WASTE

PARAMETERS	UNITS	SAMPLE NUMBERS SB-44-1	SB-44-10	SB-44-2	SB-44-3	SB-44-4	SB-44-5	SB-44-6	SB-44-7	SB-44-8	SB-44-9
TETRACHLOROETHENE	mg/kg										
TOLUENE	mg/kg			3000							
TOTAL CHROMIUM	mg/kg	24000	5100	27000	1840	4200	63000	52000	33000	67000	42000
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg			710							
TOXAPHENE	mg/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg										
TRICHLOROETHENE	mg/kg										
VINYL ACETATE	mg/kg										
VINYL CHLORIDE	mg/kg										
ZINC	mg/kg			960							

SOUTH WASTE PILE - SILT

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-43-15
(A-BHC)	mg/kg	
(B-BHC)	mg/kg	
(D-BHC)	mg/kg	
1,1,1-TRICHLOROETHANE	mg/kg	
1,1,2,2-TETRACHLOROETHANE	mg/kg	
1,1,2-TRICHLOROETHANE	mg/kg	
1,1-DICHLOROETHANE	mg/kg	
1,1-DICHLOROETHENE	mg/kg	
1,1-DIMETHYLCYCLOHEXANE	mg/kg	
1,2,4-TRICHLOROBENZENE	mg/kg	
1,2-DICHLOROBENZENE	mg/kg	
1,2-DICHLOROETHANE	mg/kg	
1,2-DICHLOROETHENE	mg/kg	
1,2-DICHLOROPROPANE	mg/kg	
1,3-DICHLOROBENZENE	mg/kg	
1,4-DICHLOROBENZENE	mg/kg	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg	
2,4,5-TRICHLOROPHENOL	mg/kg	
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg	
2,4,6-TRICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg	
2,4-DIMETHYLPHENOL	mg/kg	
2,4-DINITROPHENOL	mg/kg	
2,4-DINITROTOLUENE	mg/kg	
2,6-DINITROTOLUENE	mg/kg	
2-BUTANONE	mg/kg	
2-CHLOROANILINE	mg/kg	
2-CHLOROETHYL VINYL ETHER	mg/kg	
2-CHLORONAPHTHALENE	mg/kg	
2-CHLOROPHENOL	mg/kg	
2-HEXANONE	mg/kg	
2-METHYLHEPTANE	mg/kg	
2-METHYLNAPHTHALENE	mg/kg	
2-METHYLOCTANE	mg/kg	
2-METHYLPHENOL	mg/kg	
2-NAPHTHOL	mg/kg	
2-NITROANILINE	mg/kg	
2-NITROPHENOL	mg/kg	
3,3'-DICHLOROBENZIDINE	mg/kg	
3-METHYLHEPTANE	mg/kg	
3-NITROANILINE	mg/kg	
4,4-DDD	mg/kg	
4,4-DDE	mg/kg	
4,4-DDT	mg/kg	
4,6-DINITRO-2-METHYLPHENOL	mg/kg	
4-BR-PHENYL PHENYL ETHER	mg/kg	
4-CHLOROANILINE	mg/kg	
4-CL-PHENYL PHENYL ETHER	mg/kg	
4-METHYL-2-PENTANONE	mg/kg	
4-METHYLPHENOL	mg/kg	
4-NITROANILINE	mg/kg	
4-NITROPHENOL	mg/kg	
A C4 SUBST. CYCLOHEXANE	mg/kg	
A DICHLOROBIPHENYL	mg/kg	

PARAMETERS	UNITS	SB-43-15
SAMPLE NUMBERS		
A DIMETHYLCYCLOHEXANE	mg/kg	
A TRIMETHYLCYCLOHEXANE	mg/kg	
A-ENDOSULFAN	mg/kg	
ACENAPHTHENE	mg/kg	
ACENAPHTHYLENE	mg/kg	
ACETONE	mg/kg	
ALDRIN	mg/kg	
ANTHRACENE	mg/kg	
ANTIMONY	mg/kg	
ARSENIC	mg/kg	8.0
ARSENIC EPTOXICITY	mg/l	<2.5
B-ENDOSULFAN	mg/kg	
BARIUM	mg/kg	630
BARIUM EPTOXICITY	mg/l	<10
BENZENE	mg/kg	
BENZO(A)ANTHRACENE	mg/kg	
BENZO(A)PYRENE	mg/kg	
BENZO(B)FLOURANTHENE	mg/kg	
BENZO(B)FLUORANTHENE	mg/kg	
BENZO(GHI)PERYLENE	mg/kg	
BENZO(K)FLUORANTHENE	mg/kg	
BENZOIC ACID	mg/kg	
BENZYL ALCOHOL	mg/kg	
BENZYL BUTYL PHTHALATE	mg/kg	
BIS(2-CHLOROETHYL) ETHER	mg/kg	
BIS(2-CL-ETHOXY) METHANE	mg/kg	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg	
BROMODICHLOROMETHANE	mg/kg	
BROMOFORM	mg/kg	
BROMOMETHANE	mg/kg	
C10H18 HYDROCARBON	mg/kg	
C11 SATURATED HYDROCARBON	mg/kg	
C9 SATURATED HYDROCARBON	mg/kg	
CADMIUM	mg/kg	12.6
CADMIUM EPTOXICITY	mg/l	2.0
CARBON DISULFIDE	mg/kg	
CARBON TETRACHLORIDE	mg/kg	
CHLORDANE	mg/kg	
CHLOROBENZENE	mg/kg	
CHLOROETHANE	mg/kg	
CHLOROFORM	mg/kg	
CHLOROMETHANE	mg/kg	
CHROMIUM EPTOXICITY	mg/l	<2.5
CHRYSENE	mg/kg	
CIS-1,3-DICHLOROPROPENE	mg/kg	
COPPER	mg/kg	
CYANIDE	mg/kg	
DECANE	mg/kg	
DI-N-BUTYL PHTHALATE	mg/kg	
DI-N-OCTYL PHTHALATE	mg/kg	
DIBENZO(AH)ANTHRACENE	mg/kg	
DIBENZOFURAN	mg/kg	
DIBROMOCHLOROMETHANE	mg/kg	
DIELDRIN	mg/kg	
DIETHYL PHTHALATE	mg/kg	

PARAMETERS	UNITS	SB-43-15
DIMETHYL PHTHALATE	mg/kg	
ENDOSULFAN SULFATE	mg/kg	
ENDRIN	mg/kg	
ENDRIN ALDEHYDE	mg/kg	
ENDRIN KETONE	mg/kg	
ETHYLBENZENE	mg/kg	
FLUORANTHENE	mg/kg	
FLUORENE	mg/kg	
FLUORIDE	mg/kg	380
HEPTACHLOR	mg/kg	
HEPTACHLOR EPOXIDE	mg/kg	
HEXACHLORO-BUTADIENE	mg/kg	
HEXACHLORO-CYCLOPENTADIENE	mg/kg	
HEXACHLOROBENZENE	mg/kg	
HEXACHLOROETHANE	mg/kg	
HEXAVALENT CHROMIUM	mg/kg	
INDENO(1,2,3-CD)PYRENE	mg/kg	
ISOPHORONE	mg/kg	
LEAD	mg/kg	680
LEAD EPTOXICITY	mg/l	22
LINDANE	mg/kg	
MAGNESIUM	mg/kg	
MANGANESE	mg/kg	
MERCURY	mg/kg	0.67
MERCURY EPTOXICITY	mg/l	<0.04
METHOXYCHLOR	mg/kg	
METHYLENE CHLORIDE	mg/kg	
MOLYBDENUM	mg/kg	
N-NITROSODIPHENYLAMINE	mg/kg	
N-NITROSODIPROPYLAMINE	mg/kg	
NAPHTHALENE	mg/kg	
NITROBENZENE	mg/kg	
NONANE	mg/kg	
O-DICHLOROBENZENE	mg/kg	
OCTANE	mg/kg	
P-CHLORO-M-CRESOL	mg/kg	
PCB-1016	mg/kg	
PCB-1221	mg/kg	
PCB-1232	mg/kg	
PCB-1242	mg/kg	
PCB-1248	mg/kg	
PCB-1254	mg/kg	
PCB-1260	mg/kg	
PENTACHLOROPHENOL	mg/kg	
PERCENT SOLIDS	%	85.4
PHENANTHRENE	mg/kg	
PHENOL	ug/kg	
PYRENE	mg/kg	
SATURATED HYDROCARBON	ug/kg	
SELENIUM	mg/kg	<3
SELENIUM EPTOXICITY	mg/l	<1
SILVER	mg/kg	
SILVER EPTOXICITY	mg/l	<2
SOLIDS EPTOXICITY	%	40.4
STYRENE	mg/kg	
SUBSTITUTED CYCLOALKANE	mg/kg	

SOILDATA COMPARISON REPORT

SOUTH WASTE PILE - SILT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-43-15
TETRACHLOROETHENE	mg/kg	
TOLUENE	mg/kg	
TOTAL CHROMIUM	mg/kg	420
TOTAL SOLIDS	%	
TOTAL XYLENES	mg/kg	
TOXAPHENE	mg/kg	
TRANS-1,3-DICHLOROPROPENE	mg/kg	
TRICHLOROETHENE	mg/kg	
VINYL ACETATE	mg/kg	
VINYL CHLORIDE	mg/kg	
ZINC	mg/kg	

SOUTH AND WEST OF BUILDING 49 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-1	SB-37-2	SB-37-4	SB-37-6	SB-39-6	SB-39-7	SB-89-1	SB-89-3	SB-90-2	SB-90-3
(A-BHC)	mg/kg						U				
(B-BHC)	mg/kg						U				
(D-BHC)	mg/kg						U				
1,1,1-TRICHLOROETHANE	mg/kg							U	U	U	U
1,1,2,2-TETRACHLOROETHANE	mg/kg							U	U	U	U
1,1,2-TRICHLOROETHANE	mg/kg							U	U	U	U
1,1-DICHLOROETHANE	mg/kg							U	U	U	U
1,1-DICHLOROETHENE	mg/kg							U	U	U	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg						U				
1,2-DICHLOROBENZENE	mg/kg						U				
1,2-DICHLOROETHANE	mg/kg							U	U	U	U
1,2-DICHLOROETHENE	mg/kg							U	U	U	U
1,2-DICHLOROPROPANE	mg/kg							U	U	U	U
1,3-DICHLOROBENZENE	mg/kg						U				
1,4-DICHLOROBENZENE	mg/kg						U				
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg						U				
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg						U				
2,4-DICHLOROPHENOL	mg/kg						U				
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg						U				
2,4-DINITROPHENOL	mg/kg						U				
2,4-DINITROTOLUENE	mg/kg						U				
2,6-DINITROTOLUENE	mg/kg						U				
2-BUTANONE	mg/kg							U	U	U	U
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg							U	U	U	U
2-CHLORONAPHTHALENE	mg/kg						U				
2-CHLOROPHENOL	mg/kg						U				
2-HEXANONE	mg/kg							U	U	U	U
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg						3900				
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg						U				
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg						U				
2-NITROPHENOL	mg/kg						U				
3,3'-DICHLOROBENZIDINE	mg/kg						U				
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg						U				
4,4-DDD	mg/kg						U				
4,4-DDE	mg/kg						U				
4,4-DDT	mg/kg						U				
4,6-DINITRO-2-METHYLPHENOL	mg/kg						U				
4-BR-PHENYL PHENYL ETHER	mg/kg						U				
4-CHLOROANILINE	mg/kg						U				
4-CL-PHENYL PHENYL ETHER	mg/kg						U				
4-METHYL-2-PENTANONE	mg/kg							U	U	U	U
4-METHYLPHENOL	mg/kg						U				
4-NITROANILINE	mg/kg						U				
4-NITROPHENOL	mg/kg						U				
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

SOUTH AND WEST OF BUILDING 49 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-1	SB-37-2	SB-37-4	SB-37-6	SB-39-6	SB-39-7	SB-89-1	SB-89-3	SB-90-2	SB-90-3
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg						U				
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg						U				
ACETONE	mg/kg							LCB	LCB	LCB	U
ALDRIN	mg/kg						U				
ANTHRACENE	mg/kg						U				
ANTIMONY	mg/kg						<36				
ARSENIC	mg/kg	<6	<5	<8	<5	11.4	17.1	<6	<5	16.5	6.4
ARSENIC EPTOXICITY	mg/l										
B-ENDOSULFAN	mg/kg						U				
BARIUM	mg/kg	950	1160	26000	3000	490	158	350	15900	1310	230
BARIUM EPTOXICITY	mg/l										
BENZENE	mg/kg							U	U	U	U
BENZO(A)ANTHRACENE	mg/kg						U				
BENZO(A)PYRENE	mg/kg						U				
BENZO(B)FLOURANTHENE	mg/kg						U				
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg						U				
BENZO(K)FLUORANTHENE	mg/kg						U				
BENZOIC ACID	mg/kg						U				
BENZYL ALCOHOL	mg/kg						U				
BENZYL BUTYL PHTHALATE	mg/kg						U				
BIS(2-CHLOROETHYL) ETHER	mg/kg						U				
BIS(2-CL-ETHOXY) METHANE	mg/kg						U				
BIS(2-CL-ISOPROPYL) ETHER	mg/kg						U				
BIS(2-ET-HEXYL) PHTHALATE	mg/kg						180J				
BROMODICHLOROMETHANE	mg/kg							U	U	U	U
BROMOFORM	mg/kg							U	U	U	U
BROMOMETHANE	mg/kg							U	U	U	U
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	96	18.5	35	4.5	6.8	10.0	6.0	300	110	15.3
CADMIUM EPTOXICITY	mg/l										
CARBON DISULFIDE	mg/kg							U	U	U	U
CARBON TETRACHLORIDE	mg/kg							U	U	U	U
CHLORDANE	mg/kg						U				
CHLOROBENZENE	mg/kg							U	U	U	U
CHLOROETHANE	mg/kg							U	U	U	U
CHLOROFORM	mg/kg							U	7 J	U	U
CHLOROMETHANE	mg/kg							U	U	U	U
CHROMIUM EPTOXICITY	mg/l										
CHRYSENE	mg/kg						U				
CIS-1,3-DICHLOROPROPENE	mg/kg							U	U	U	U
COPPER	mg/kg						15.3				
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg						U				
DI-N-OCTYL PHTHALATE	mg/kg						U				
DIBENZO(AH)ANTHRACENE	mg/kg						U				
DIBENZOFURAN	mg/kg						U				
DIBROMOCHLOROMETHANE	mg/kg							U	U	U	U
DIELDRIN	mg/kg						U				
DIETHYL PHTHALATE	mg/kg						U				

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-1	SB-37-2	SB-37-4	SB-37-6	SB-39-6	SB-39-7	SB-89-1	SB-89-3	SB-90-2	SB-90-
DIMETHYL PHTHALATE	mg/kg						U				
ENDOSULFAN SULFATE	mg/kg						U				
ENDRIN	mg/kg						U				
ENDRIN ALDEHYDE	mg/kg						U				
ENDRIN KETONE	mg/kg						U				
ETHYLBENZENE	mg/kg										
FLUORANTHENE	mg/kg						U				
FLUORENE	mg/kg						U				
FLUORIDE	mg/kg	147	<16	116	250	57	26	<25	<25	<32	
HEPTACHLOR	mg/kg						U				
HEPTACHLOR EPOXIDE	mg/kg						U				
HEXACHLORO-BUTADIENE	mg/kg						U				
HEXACHLORO-CYCLOPENTADIENE	mg/kg						U				
HEXACHLOROBENZENE	mg/kg						U				
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg						24				
INDENO(1,2,3-CD)PYRENE	mg/kg						U				
ISOPHORONE	mg/kg						U				
LEAD	mg/kg	125	153	194	38	44	30	155	1140	140	9
LEAD EPTOXICITY	mg/l										
LINDANE	mg/kg						U				
MAGNESIUM	mg/kg						54000				
MANGANESE	mg/kg						590				
MERCURY	mg/kg	12.1	0.86	1.95	1.49	0.66	2.4	14.6	270	4.3	3.
MERCURY EPTOXICITY	mg/l										
METHOXYCHLOR	mg/kg						U				
METHYLENE CHLORIDE	mg/kg							LCB	LCB	LCB	LC
MOLYBDENUM	mg/kg						<25				
N-NITROSODIPHENYLAMINE	mg/kg						U				
N-NITROSODIPROPYLAMINE	mg/kg						U				
NAPHTHALENE	mg/kg						U				
NITROBENZENE	mg/kg						U				
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg						U				
PCB-1016	mg/kg						U				
PCB-1221	mg/kg						U				
PCB-1232	mg/kg						U				
PCB-1242	mg/kg						U				
PCB-1248	mg/kg						U				
PCB-1254	mg/kg						U				
PCB-1260	mg/kg						U				
PENTACHLOROPHENOL	mg/kg						U				
PERCENT SOLIDS	%	76.2	80.5	50.1	84.4	64.6	66.5	59.4	71.4	59.9	75.
PHENANTHRENE	mg/kg						U				
PHENOL	ug/kg						U				
PYRENE	mg/kg						U				
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<3	<3	<4	<3	<4	<4	<3	3.8	<5	
SELENIUM EPTOXICITY	mg/l										
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l										
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg							U	U	U	
SUBSTITUTED CYCLOALKANE	mg/kg										

SOUTH AND WEST OF BUILDING 49 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-1	SB-37-2	SB-37-4	SB-37-6	SB-39-6	SB-39-7	SB-89-1	SB-89-3	SB-90-2	SB-90-
TETRACHLOROETHENE	mg/kg							U	U	U	
TOLUENE	mg/kg							U	9 J	8	
TOTAL CHROMIUM	mg/kg	2000	3700	3500	380	4300	3900	142	960	3700	39
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg							U	2900	98	
TOXAPHENE	mg/kg						U				
TRANS-1,3-DICHLOROPROPENE	mg/kg							U	U	U	
TRICHLOROETHENE	mg/kg							U	U	U	
VINYL ACETATE	mg/kg							U	U	U	
VINYL CHLORIDE	mg/kg							U	U	U	
ZINC	mg/kg						480				

SOUTH AND WEST OF BUILDING 49 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-35-4	SB-36-8	SB-38-2
(A-BHC)	mg/kg			
(B-BHC)	mg/kg			
(D-BHC)	mg/kg			
1,1,1-TRICHLOROETHANE	mg/kg			
1,1,2,2-TETRACHLOROETHANE	mg/kg			
1,1,2-TRICHLOROETHANE	mg/kg			
1,1-DICHLOROETHANE	mg/kg			
1,1-DICHLOROETHENE	mg/kg			
1,1-DIMETHYLCYCLOHEXANE	mg/kg			
1,2,4-TRICHLOROBENZENE	mg/kg			
1,2-DICHLOROBENZENE	mg/kg			
1,2-DICHLOROETHANE	mg/kg			
1,2-DICHLOROETHENE	mg/kg			
1,2-DICHLOROPROPANE	mg/kg			
1,3-DICHLOROBENZENE	mg/kg			
1,4-DICHLOROBENZENE	mg/kg			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			
2,4,5-TRICHLOROPHENOL	mg/kg			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg			
2,4,6-TRICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg			
2,4-DIMETHYLPHENOL	mg/kg			
2,4-DINITROPHENOL	mg/kg			
2,4-DINITROTOLUENE	mg/kg			
2,6-DINITROTOLUENE	mg/kg			
2-BUTANONE	mg/kg			
2-CHLOROANILINE	mg/kg			
2-CHLOROETHYL VINYL ETHER	mg/kg			
2-CHLORONAPHTHALENE	mg/kg			
2-CHLOROPHENOL	mg/kg			
2-HEXANONE	mg/kg			
2-METHYLHEPTANE	mg/kg			
2-METHYLNAPHTHALENE	mg/kg			
2-METHYLOCTANE	mg/kg			
2-METHYLPHENOL	mg/kg			
2-NAPHTHOL	mg/kg			
2-NITROANILINE	mg/kg			
2-NITROPHENOL	mg/kg			
3,3'-DICHLOROBENZIDINE	mg/kg			
3-METHYLHEPTANE	mg/kg			
3-NITROANILINE	mg/kg			
4,4-DDD	mg/kg			
4,4-DDE	mg/kg			
4,4-DDT	mg/kg			
4,6-DINITRO-2-METHYLPHENOL	mg/kg			
4-BR-PHENYL PHENYL ETHER	mg/kg			
4-CHLOROANILINE	mg/kg			
4-CL-PHENYL PHENYL ETHER	mg/kg			
4-METHYL-2-PENTANONE	mg/kg			
4-METHYLPHENOL	mg/kg			
4-NITROANILINE	mg/kg			
4-NITROPHENOL	mg/kg			
A C4 SUBST. CYCLOHEXANE	mg/kg			
A DICHLOROBIPHENYL	mg/kg			

SOUTH AND WEST OF BUILDING 49 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-4	SB-36-8	SB-38-2
A DIMETHYLCYCLOHEXANE	mg/kg			
A TRIMETHYLCYCLOHEXANE	mg/kg			
A-ENDOSULFAN	mg/kg			
ACENAPHTHENE	mg/kg			
ACENAPHTHYLENE	mg/kg			
ACETONE	mg/kg			
ALDRIN	mg/kg			
ANTHRACENE	mg/kg			
ANTIMONY	mg/kg			
ARSENIC	mg/kg	<6		3.1
ARSENIC EPTOXICITY	mg/l		<2.5	
B-ENDOSULFAN	mg/kg			
BARIUM	mg/kg	340		390
BARIUM EPTOXICITY	mg/l		290	
BENZENE	mg/kg			
BENZO(A)ANTHRACENE	mg/kg			
BENZO(A)PYRENE	mg/kg			
BENZO(B)FLOURANTHENE	mg/kg			
BENZO(B)FLUORANTHENE	mg/kg			
BENZO(GHI)PERYLENE	mg/kg			
BENZO(K)FLUORANTHENE	mg/kg			
BENZOIC ACID	mg/kg			
BENZYL ALCOHOL	mg/kg			
BENZYL BUTYL PHTHALATE	mg/kg			
BIS(2-CHLOROETHYL) ETHER	mg/kg			
BIS(2-CL-ETHOXY) METHANE	mg/kg			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg			
BROMODICHLOROMETHANE	mg/kg			
BROMOFORM	mg/kg			
BROMOMETHANE	mg/kg			
C10H18 HYDROCARBON	mg/kg			
C11 SATURATED HYDROCARBON	mg/kg			
C9 SATURATED HYDROCARBON	mg/kg			
CADMIUM	mg/kg	42		11.3
CADMIUM EPTOXICITY	mg/l		1.5	
CARBON DISULFIDE	mg/kg			
CARBON TETRACHLORIDE	mg/kg			
CHLORDANE	mg/kg			
CHLOROBENZENE	mg/kg			
CHLOROETHANE	mg/kg			
CHLOROFORM	mg/kg			
CHLOROMETHANE	mg/kg			
CHROMIUM EPTOXICITY	mg/l		<2.5	
CHRYSENE	mg/kg			
CIS-1,3-DICHLOROPROPENE	mg/kg			
COPPER	mg/kg			
CYANIDE	mg/kg			
DECANE	mg/kg			
DI-N-BUTYL PHTHALATE	mg/kg			
DI-N-OCTYL PHTHALATE	mg/kg			
DIBENZ(AH)ANTHRACENE	mg/kg			
DIBENZOFURAN	mg/kg			
DIBROMOCHLOROMETHANE	mg/kg			
DIELDRIN	mg/kg			
DIETHYL PHTHALATE	mg/kg			

SOUTH AND WEST OF BUILDING 49 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-4	SB-36-8	SB-38-2
DIMETHYL PHTHALATE	mg/kg			
ENDOSULFAN SULFATE	mg/kg			
ENDRIN	mg/kg			
ENDRIN ALDEHYDE	mg/kg			
ENDRIN KETONE	mg/kg			
ETHYLBENZENE	mg/kg			
FLUORANTHENE	mg/kg			
FLUORENE	mg/kg			
FLUORIDE	mg/kg	280		117
HEPTACHLOR	mg/kg			
HEPTACHLOR EPOXIDE	mg/kg			
HEXACHLORO-BUTADIENE	mg/kg			
HEXACHLORO-CYCLOPENTADIENE	mg/kg			
HEXACHLOROBENZENE	mg/kg			
HEXACHLOROETHANE	mg/kg			
HEXAVALENT CHROMIUM	mg/kg			
INDENO(1,2,3-CD)PYRENE	mg/kg			
ISOPHORONE	mg/kg			
LEAD	mg/kg	145		24
LEAD EPTOXICITY	mg/l		<2.5	
LINDANE	mg/kg			
MAGNESIUM	mg/kg			
MANGANESE	mg/kg			
MERCURY	mg/kg	3.2		0.41
MERCURY EPTOXICITY	mg/l		<0.04	
METHOXYCHLOR	mg/kg			
METHYLENE CHLORIDE	mg/kg			
MOLYBDENUM	mg/kg			
N-NITROSODIPHENYLAMINE	mg/kg			
N-NITROSODIPROPYLAMINE	mg/kg			
NAPHTHALENE	mg/kg			
NITROBENZENE	mg/kg			
NONANE	mg/kg			
O-DICHLOROBENZENE	mg/kg			
OCTANE	mg/kg			
P-CHLORO-M-CRESOL	mg/kg			
PCB-1016	mg/kg			
PCB-1221	mg/kg			
PCB-1232	mg/kg			
PCB-1242	mg/kg			
PCB-1248	mg/kg			
PCB-1254	mg/kg			
PCB-1260	mg/kg			
PENTACHLOROPHENOL	mg/kg			
PERCENT SOLIDS	%	83.7		91.1
PHENANTHRENE	mg/kg			
PHENOL	ug/kg			
PYRENE	mg/kg			
SATURATED HYDROCARBON	ug/kg			
SELENIUM	mg/kg	<3		<3
SELENIUM EPTOXICITY	mg/l		<1	
SILVER	mg/kg			
SILVER EPTOXICITY	mg/l		<2	
SOLIDS EPTOXICITY	%		75.4	
STYRENE	mg/kg			
SUBSTITUTED CYCLOALKANE	mg/kg			

SOILDATA COMPARISON REPORT

SOUTH AND WEST OF BUILDING 49 - SAND

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-4	SB-36-8	SB-38-2
TETRACHLOROETHENE	mg/kg			
TOLUENE	mg/kg			
TOTAL CHROMIUM	mg/kg	197		9.9
TOTAL SOLIDS	%			
TOTAL XYLENES	mg/kg			
TOXAPHENE	mg/kg			
TRANS-1,3-DICHLOROPROPENE	mg/kg			
TRICHLOROETHENE	mg/kg			
VINYL ACETATE	mg/kg			
VINYL CHLORIDE	mg/kg			
ZINC	mg/kg			

SOUTH AND WEST OF BUILDING 49 - CLAY

SUILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-35-3	SB-38-7	SB-90-4
(A-BHC)	mg/kg			
(B-BHC)	mg/kg			
(D-BHC)	mg/kg			
1,1,1-TRICHLOROETHANE	mg/kg			
1,1,2,2-TETRACHLOROETHANE	mg/kg			
1,1,2-TRICHLOROETHANE	mg/kg			
1,1-DICHLOROETHANE	mg/kg			
1,1-DICHLOROETHENE	mg/kg			
1,1-DIMETHYLCYCLOHEXANE	mg/kg			
1,2,4-TRICHLOROBENZENE	mg/kg			
1,2-DICHLOROBENZENE	mg/kg			
1,2-DICHLOROETHANE	mg/kg			
1,2-DICHLOROETHENE	mg/kg			
1,2-DICHLOROPROPANE	mg/kg			
1,3-DICHLOROBENZENE	mg/kg			
1,4-DICHLOROBENZENE	mg/kg			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			
2,4,5-TRICHLOROPHENOL	mg/kg			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg			
2,4,6-TRICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg			
2,4-DIMETHYLPHENOL	mg/kg			
2,4-DINITROPHENOL	mg/kg			
2,4-DINITROTOLUENE	mg/kg			
2,6-DINITROTOLUENE	mg/kg			
2-BUTANONE	mg/kg			
2-CHLOROANILINE	mg/kg			
2-CHLOROETHYL VINYL ETHER	mg/kg			
2-CHLORONAPHTHALENE	mg/kg			
2-CHLOROPHENOL	mg/kg			
2-HEXANONE	mg/kg			
2-METHYLHEPTANE	mg/kg			
2-METHYLNAPHTHALENE	mg/kg			
2-METHYLOCTANE	mg/kg			
2-METHYLPHENOL	mg/kg			
2-NAPHTHOL	mg/kg			
2-NITROANILINE	mg/kg			
2-NITROPHENOL	mg/kg			
3,3'-DICHLOROBENZIDINE	mg/kg			
3-METHYLHEPTANE	mg/kg			
3-NITROANILINE	mg/kg			
4,4-DDD	mg/kg			
4,4-DDE	mg/kg			
4,4-DDT	mg/kg			
4,6-DINITRO-2-METHYLPHENOL	mg/kg			
4-BR-PHENYL PHENYL ETHER	mg/kg			
4-CHLOROANILINE	mg/kg			
4-CL-PHENYL PHENYL ETHER	mg/kg			
4-METHYL-2-PENTANONE	mg/kg			
4-METHYLPHENOL	mg/kg			
4-NITROANILINE	mg/kg			
4-NITROPHENOL	mg/kg			
A C4 SUBST. CYCLOHEXANE	mg/kg			
A DICHLOROBIPHENYL	mg/kg			

SOUTH AND WEST OF BUILDING 49 - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-3	SB-38-7	SB-90-4
A DIMETHYLCYCLOHEXANE	mg/kg			
A TRIMETHYLCYCLOHEXANE	mg/kg			
A-ENDOSULFAN	mg/kg			
ACENAPHTHENE	mg/kg			
ACENAPHTHYLENE	mg/kg			
ACETONE	mg/kg			
ALDRIN	mg/kg			
ANTHRACENE	mg/kg			
ANTIMONY	mg/kg			
ARSENIC	mg/kg			
ARSENIC EPTOXICITY	mg/l	<2.5	<2.5	<2.5
B-ENDOSULFAN	mg/kg			
BARIUM	mg/kg			
BARIUM EPTOXICITY	mg/l	<10	<10	<10
BENZENE	mg/kg			
BENZO(A)ANTHRACENE	mg/kg			
BENZO(A)PYRENE	mg/kg			
BENZO(B)FLOURANTHENE	mg/kg			
BENZO(B)FLUORANTHENE	mg/kg			
BENZO(GHI)PERYLENE	mg/kg			
BENZO(K)FLUORANTHENE	mg/kg			
BENZOIC ACID	mg/kg			
BENZYL ALCOHOL	mg/kg			
BENZYL BUTYL PHTHALATE	mg/kg			
BIS(2-CHLOROETHYL) ETHER	mg/kg			
BIS(2-CL-ETHOXY) METHANE	mg/kg			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg			
BROMODICHLOROMETHANE	mg/kg			
BROMOFORM	mg/kg			
BROMOMETHANE	mg/kg			
C10H18 HYDROCARBON	mg/kg			
C11 SATURATED HYDROCARBON	mg/kg			
C9 SATURATED HYDROCARBON	mg/kg			
CADMIUM	mg/kg			
CADMIUM EPTOXICITY	mg/l	<0.5	3.5	<0.5
CARBON DISULFIDE	mg/kg			
CARBON TETRACHLORIDE	mg/kg			
CHLORDANE	mg/kg			
CHLOROBENZENE	mg/kg			
CHLOROETHANE	mg/kg			
CHLOROFORM	mg/kg			
CHLOROMETHANE	mg/kg			
CHROMIUM EPTOXICITY	mg/l	<2.5	<2.5	<2.5
CHRYSENE	mg/kg			
CIS-1,3-DICHLOROPROPENE	mg/kg			
COPPER	mg/kg			
CYANIDE	mg/kg			
DECANE	mg/kg			
DI-N-BUTYL PHTHALATE	mg/kg			
DI-N-OCTYL PHTHALATE	mg/kg			
DIBENZO(AH)ANTHRACENE	mg/kg			
DIBENZOFURAN	mg/kg			
DIBROMOCHLOROMETHANE	mg/kg			
DIELDRIN	mg/kg			
DIETHYL PHTHALATE	mg/kg			

SOUTH AND WEST OF BUILDING 49 - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-3	SB-38-7	SB-90-4
DIMETHYL PHTHALATE	mg/kg			
ENDOSULFAN SULFATE	mg/kg			
ENDRIN	mg/kg			
ENDRIN ALDEHYDE	mg/kg			
ENDRIN KETONE	mg/kg			
ETHYLBENZENE	mg/kg			
FLUORANTHENE	mg/kg			
FLUORENE	mg/kg			
FLUORIDE	mg/kg			
HEPTACHLOR	mg/kg			
HEPTACHLOR EPOXIDE	mg/kg			
HEXACHLORO-BUTADIENE	mg/kg			
HEXACHLORO-CYCLOPENTADIENE	mg/kg			
HEXACHLOROBENZENE	mg/kg			
HEXACHLOROETHANE	mg/kg			
HEXAVALENT CHROMIUM	mg/kg			
INDENO(1,2,3-CD)PYRENE	mg/kg			
ISOPHORONE	mg/kg			
LEAD	mg/kg			
LEAD EPTOXICITY	mg/l	<2.5	1.0	<2.5
LINDANE	mg/kg			
MAGNESIUM	mg/kg			
MANGANESE	mg/kg			
MERCURY	mg/kg			
MERCURY EPTOXICITY	mg/l	<0.04	<0.04	<0.04
METHOXYCHLOR	mg/kg			
METHYLENE CHLORIDE	mg/kg			
MOLYBDENUM	mg/kg			
N-NITROSODIPHENYLAMINE	mg/kg			
N-NITROSODIPROPYLAMINE	mg/kg			
NAPHTHALENE	mg/kg			
NITROBENZENE	mg/kg			
NONANE	mg/kg			
O-DICHLOROBENZENE	mg/kg			
OCTANE	mg/kg			
P-CHLORO-M-CRESOL	mg/kg			
PCB-1016	mg/kg			
PCB-1221	mg/kg			
PCB-1232	mg/kg			
PCB-1242	mg/kg			
PCB-1248	mg/kg			
PCB-1254	mg/kg			
PCB-1260	mg/kg			
PENTACHLOROPHENOL	mg/kg			
PERCENT SOLIDS	%			
PHENANTHRENE	mg/kg			
PHENOL	ug/kg			
PYRENE	mg/kg			
SATURATED HYDROCARBON	ug/kg			
SELENIUM	mg/kg			
SELENIUM EPTOXICITY	mg/l	<1	<1	<1
SILVER	mg/kg			
SILVER EPTOXICITY	mg/l	<2	<2	<2
SOLIDS EPTOXICITY	%	72.4	70.2	70.1
STYRENE	mg/kg			
SUBSTITUTED CYCLOALKANE	mg/kg			

SOUTH AND WEST OF BUILDING 49 - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-35-3	SB-38-7	SB-90-4
TETRACHLOROETHENE	mg/kg			
TOLUENE	mg/kg			
TOTAL CHROMIUM	mg/kg			
TOTAL SOLIDS	%			
TOTAL XYLENES	mg/kg			
TOXAPHENE	mg/kg			
TRANS-1,3-DICHLOROPROPENE	mg/kg			
TRICHLOROETHENE	mg/kg			
VINYL ACETATE	mg/kg			
VINYL CHLORIDE	mg/kg			
ZINC	mg/kg			

PARAMETERS	UNITS	MW-28-1	MW-28-6	SB-58-1	SB-59-1	SB-60-1	SB-62-1	SB-63-1	SB-64-1	SB-65-1	SB-66-1
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLOROETHANE	mg/kg			U							
1,1,2,2-TETRACHLOROETHANE	mg/kg			U							
1,1,2-TRICHLOROETHANE	mg/kg			U							
1,1-DICHLOROETHANE	mg/kg			U							
1,1-DICHLOROETHENE	mg/kg			U							
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg										
1,2-DICHLOROBENZENE	mg/kg										
1,2-DICHLOROETHANE	mg/kg			U							
1,2-DICHLOROETHENE	mg/kg			U							
1,2-DICHLOROPROPANE	mg/kg			U							
1,3-DICHLOROBENZENE	mg/kg										
1,4-DICHLOROBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg										
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg										
2,6-DINITROTOLUENE	mg/kg										
2-BUTANONE	mg/kg			U							
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg			U							
2-CHLORONAPHTHALENE	mg/kg										
2-CHLOROPHENOL	mg/kg										
2-HEXANONE	mg/kg			U							
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg										
2-NITROPHENOL	mg/kg										
3,3'-DICHLOROBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLOROANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg			U							
4-METHYLPHENOL	mg/kg										
4-NITROANILINE	mg/kg										
4-NITROPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

INCINERATION AREA - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-67-2	SB-68-1	SB-68-2	SB-72-1	SB-72-2	SB-72-3	SB-72-4	SB-73-3
(A-BHC)	mg/kg								
(B-BHC)	mg/kg								
(D-BHC)	mg/kg								
1,1,1-TRICHLOROETHANE	mg/kg								
1,1,2,2-TETRACHLOROETHANE	mg/kg								
1,1,2-TRICHLOROETHANE	mg/kg								
1,1-DICHLOROETHANE	mg/kg								
1,1-DICHLOROETHENE	mg/kg								
1,1-DIMETHYLCYCLOHEXANE	mg/kg								
1,2,4-TRICHLOROBENZENE	mg/kg								
1,2-DICHLOROBENZENE	mg/kg								
1,2-DICHLOROETHANE	mg/kg								
1,2-DICHLOROETHENE	mg/kg								
1,2-DICHLOROPROPANE	mg/kg								
1,3-DICHLOROBENZENE	mg/kg								
1,4-DICHLOROBENZENE	mg/kg								
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg								
2,4,5-TRICHLOROPHENOL	mg/kg								
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg								
2,4,6-TRICHLOROPHENOL	mg/kg								
2,4-DICHLOROPHENOL	mg/kg								
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg								
2,4-DIMETHYLPHENOL	mg/kg								
2,4-DINITROPHENOL	mg/kg								
2,4-DINITROTOLUENE	mg/kg								
2,6-DINITROTOLUENE	mg/kg								
2-BUTANONE	mg/kg								
2-CHLOROANILINE	mg/kg								
2-CHLOROETHYL VINYL ETHER	mg/kg								
2-CHLORONAPHTHALENE	mg/kg								
2-CHLOROPHENOL	mg/kg								
2-HEXANONE	mg/kg								
2-METHYLHEPTANE	mg/kg								
2-METHYLNAPHTHALENE	mg/kg								
2-METHYLOCTANE	mg/kg								
2-METHYLPHENOL	mg/kg								
2-NAPHTHOL	mg/kg								
2-NITROANILINE	mg/kg								
2-NITROPHENOL	mg/kg								
3,3'-DICHLOROBENZIDINE	mg/kg								
3-METHYLHEPTANE	mg/kg								
3-NITROANILINE	mg/kg								
4,4-DDD	mg/kg								
4,4-DDE	mg/kg								
4,4-DDT	mg/kg								
4,6-DINITRO-2-METHYLPHENOL	mg/kg								
4-BR-PHENYL PHENYL ETHER	mg/kg								
4-CHLOROANILINE	mg/kg								
4-CL-PHENYL PHENYL ETHER	mg/kg								
4-METHYL-2-PENTANONE	mg/kg								
4-METHYLPHENOL	mg/kg								
4-NITROANILINE	mg/kg								
4-NITROPHENOL	mg/kg								
A C4 SUBST. CYCLOHEXANE	mg/kg								
A DICHLOROBIPHENYL	mg/kg								

PARAMETERS	UNITS	SAMPLE NUMBERS MW-28-1	MW-28-6	SB-58-1	SB-59-1	SB-60-1	SB-62-1	SB-63-1	SB-64-1	SB-65-1	SB-66-1
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg			LCB							
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg								<9		
ARSENIC	mg/kg	9.2	15.2	111	12.7	18.0	<6		4.2	11.6	4.2
ARSENIC EPTOXICITY	mg/l							<2.5			
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg	87	3600	12200	116	3300	<23		67	890	106
BARIUM EPTOXICITY	mg/l							<10			
BENZENE	mg/kg			U							
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLOROETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg			U							
BROMOFORM	mg/kg			U							
BROMOMETHANE	mg/kg			U							
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	14.6	43	15.0	2.8	28	6.6		2.8	540	13.2
CADMIUM EPTOXICITY	mg/l							<0.5			
CARBON DISULFIDE	mg/kg			U							
CARBON TETRACHLORIDE	mg/kg			U							
CHLORDANE	mg/kg										
CHLOROBENIENE	mg/kg			U							
CHLOROETHANE	mg/kg			U							
CHLOROFORM	mg/kg			U							
CHLOROMETHANE	mg/kg			U							
CHROMIUM EPTOXICITY	mg/l							<2.5			
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg			U							
COPPER	mg/kg								0.1		
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZO(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg			U							
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

SOILDATA COMPARISON REPORT

INCINERATION AREA - FILL/WASTE

PARAMETERS	UNITS	SAMPLE NUMBERS SB-67-2	SB-68-1	SB-68-2	SB-72-1	SB-72-2	SB-72-3	SB-72-4	SB-73-3
A DIMETHYLCYCLOHEXANE	mg/kg								
A TRIMETHYLCYCLOHEXANE	mg/kg								
A-ENDOSULFAN	mg/kg								
ACENAPHTHENE	mg/kg								
ACENAPHTHYLENE	mg/kg								
ACETONE	mg/kg								
ALDRIN	mg/kg								
ANTHRACENE	mg/kg								
ANTIMONY	mg/kg								
ARSENIC	mg/kg	2.7	10.1	9.6	6.6		17.6	<6	22
ARSENIC EPTOXICITY	mg/l	<2.5				<2.5			
B-ENDOSULFAN	mg/kg								
BARIUM	mg/kg	21	52	48	73		29	35	34
BARIUM EPTOXICITY	mg/l	<10				<10			
BENZENE	mg/kg								
BENZO(A)ANTHRACENE	mg/kg								
BENZO(A)PYRENE	mg/kg								
BENZO(B)FLOURANTHENE	mg/kg								
BENZO(B)FLUORANTHENE	mg/kg								
BENZO(GHI)PERYLENE	mg/kg								
BENZO(K)FLUORANTHENE	mg/kg								
BENZOIC ACID	mg/kg								
BENZYL ALCOHOL	mg/kg								
BENZYL BUTYL PHTHALATE	mg/kg								
BIS(2-CHLOROETHYL) ETHER	mg/kg								
BIS(2-CL-ETHOXY) METHANE	mg/kg								
BIS(2-CL-ISOPROPYL) ETHER	mg/kg								
BIS(2-ET-HEXYL) PHTHALATE	mg/kg								
BROMODICHLOROMETHANE	mg/kg								
BROMOFORM	mg/kg								
BROMOMETHANE	mg/kg								
C10H18 HYDROCARBON	mg/kg								
C11 SATURATED HYDROCARBON	mg/kg								
C9 SATURATED HYDROCARBON	mg/kg								
CADMIUM	mg/kg	1.2	25	6.8	28		24	1.9	15.5
CADMIUM EPTOXICITY	mg/l	<0.5				<0.5			
CARBON DISULFIDE	mg/kg								
CARBON TETRACHLORIDE	mg/kg								
CHLORDANE	mg/kg								
CHLOROBENZENE	mg/kg								
CHLOROETHANE	mg/kg								
CHLOROFORM	mg/kg								
CHLOROMETHANE	mg/kg								
CHROMIUM EPTOXICITY	mg/l	25				46			
CHRYSENE	mg/kg								
CIS-1,3-DICHLOROPROPENE	mg/kg								
COPPER	mg/kg								
CYANIDE	mg/kg								
DECANE	mg/kg								
DI-N-BUTYL PHTHALATE	mg/kg								
DI-N-OCTYL PHTHALATE	mg/kg								
DIBENZO(AH)ANTHRACENE	mg/kg								
DIBENZOFURAN	mg/kg								
DIBROMOCHLOROMETHANE	mg/kg								
DIELDRIN	mg/kg								
DIETHYL PHTHALATE	mg/kg								

SOILDATA COMPARISON REPORT **INCINERATION AREA - FILL/WASTE**

PARAMETERS	UNITS	SAMPLE NUMBERS MW-28-1	MW-28-6	SB-58-1	SB-59-1	SB-60-1	SB-62-1	SB-63-1	SB-64-1	SB-65-1	SB-66-1
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg										
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg	<31	75	50	410	43	<24		300	240	<26
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg								5.4		
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg	188	15100	15300	10.9	13,500	4.9		5.9	1390	680
LEAD EPTOXICITY	mg/l							<2.5			
LINDANE	mg/kg										
MAGNESIUM	mg/kg								2500		
MANGANESE	mg/kg								240		
MERCURY	mg/kg	.78	<0.4	1.01	<0.7	0.96	<0.2		<0.3	157	<0.6
MERCURY EPTOXICITY	mg/l							<0.04			
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg			LCB							
MOLYBDENUM	mg/kg								<25		
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%	64.2	75.0	77.5	78.6	76.8	84.3	78.0	81.2	81.1	76.5
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<3	<4	8.8	<3	<4	<3		<3	11.8	<3
SELENIUM EPTOXICITY	mg/l							<1			
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l							<2			
SOLIDS EPTOXICITY	%										
STYRENE	mg/kg			U							
SUBSTITUTED CYCLOALKANE	mg/kg										

PARAMETERS	UNITS	SAMPLE NUMBERS SB-67-2	SB-68-1	SB-68-2	SB-72-1	SB-72-2	SB-72-3	SB-72-4	SB-73-3
DIMETHYL PHTHALATE	mg/kg								
ENDOSULFAN SULFATE	mg/kg								
ENDRIN	mg/kg								
ENDRIN ALDEHYDE	mg/kg								
ENDRIN KETONE	mg/kg								
ETHYLBENZENE	mg/kg								
FLUORANTHENE	mg/kg								
FLUORENE	mg/kg								
FLUORIDE	mg/kg	270	<30	132	<27		<32	290	<38
HEPTACHLOR	mg/kg								
HEPTACHLOR EPOXIDE	mg/kg								
HEXACHLORO-BUTADIENE	mg/kg								
HEXACHLORO-CYCLOPENTADIENE	mg/kg								
HEXACHLOROBENZENE	mg/kg								
HEXACHLOROETHANE	mg/kg								
HEXAVALENT CHROMIUM	mg/kg								
INDENO(1,2,3-CD)PYRENE	mg/kg								
ISOPHORONE	mg/kg								
LEAD	mg/kg	1.84	162	38	155		23	3.8	24
LEAD EPTOXICITY	mg/l	<2.5				<2.5			
LINDANE	mg/kg								
MAGNESIUM	mg/kg								
MANGANESE	mg/kg								
MERCURY	mg/kg	<0.2	3.4	<0.3	3.1		<0.3	<0.2	<0.3
MERCURY EPTOXICITY	mg/l	<0.04				<0.04			
METHOXYCHLOR	mg/kg								
METHYLENE CHLORIDE	mg/kg								
MOLYBDENUM	mg/kg								
N-NITROSODIPHENYLAMINE	mg/kg								
N-NITROSODIPROPYLAMINE	mg/kg								
NAPHTHALENE	mg/kg								
NITROBENZENE	mg/kg								
NONANE	mg/kg								
O-DICHLOROBENZENE	mg/kg								
OCTANE	mg/kg								
P-CHLORO-M-CRESOL	mg/kg								
PCB-1016	mg/kg								
PCB-1221	mg/kg								
PCB-1232	mg/kg								
PCB-1242	mg/kg								
PCB-1248	mg/kg								
PCB-1254	mg/kg								
PCB-1260	mg/kg								
PENTACHLOROPHENOL	mg/kg								
PERCENT SOLIDS	%	80.8	67.4	70.0	75.6	92.8	62.9	78.9	53.6
PHENANTHRENE	mg/kg								
PHENOL	ug/kg								
PYRENE	mg/kg								
SATURATED HYDROCARBON	ug/kg								
SELENIUM	mg/kg	<3	<4	<3	<2		<4	<3	<6
SELENIUM EPTOXICITY	mg/l	<1				<1			
SILVER	mg/kg								
SILVER EPTOXICITY	mg/l	<2				<2			
SOLIDS EPTOXICITY	%	66.1							
STYRENE	mg/kg								
SUBSTITUTED CYCLOALKANE	mg/kg								

INCINERATION AREA - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-28-1	MW-28-6	SB-58-1	SB-59-1	SB-60-1	SB-62-1	SB-63-1	SB-64-1	SB-65-1	SB-66-1
TETRACHLOROETHENE	mg/kg			U							
TOLUENE	mg/kg			U							
TOTAL CHROMIUM	mg/kg	1900	6900	2000	280	3800	3200		440	670	560
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg			U							
TOXAPHENE	mg/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg			U							
TRICHLOROETHENE	mg/kg			U							
VINYL ACETATE	mg/kg			U							
VINYL CHLORIDE	mg/kg			U							
ZINC	mg/kg								40		

SOILDATA COMPARISON REPORT

INCINERATION AREA - FILL/WASTE

PARAMETERS	SAMPLE NUMBERS / UNITS	SB-67-2	SB-68-1	SB-68-2	SB-72-1	SB-72-2	SB-72-3	SB-72-4	SB-73-3
TETRACHLOROETHENE	mg/kg								
TOLUENE	mg/kg								
TOTAL CHROMIUM	mg/kg	300	2800	4700	1500		6200	1120	4600
TOTAL SOLIDS	%								
TOTAL XYLENES	mg/kg								
TOXAPHENE	mg/kg								
TRANS-1,3-DICHLOROPROPENE	mg/kg								
TRICHLOROETHENE	mg/kg								
VINYL ACETATE	mg/kg								
VINYL CHLORIDE	mg/kg								
ZINC	mg/kg								

SOILDATA COMPARISON REPORT **INCINERATION AREA - SAND**

PARAMETERS	UNITS	SAMPLE NUMBERS MW-26-1	MW-28-7	SB-58-3	SB-58-4	SB-60-2	SB-61-3	SB-62-2	SB-64-2	SB-65-2	SB-65-3
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLORDETHANE	mg/kg				U						
1,1,2,2-TETRACHLORDETHANE	mg/kg				U						
1,1,2-TRICHLORDETHANE	mg/kg				U						
1,1-DICHLORDETHANE	mg/kg				U						
1,1-DICHLORDETHENE	mg/kg				U						
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLORDBENZENE	mg/kg										
1,2-DICHLORDBENZENE	mg/kg										
1,2-DICHLORDETHANE	mg/kg				U						
1,2-DICHLORDETHENE	mg/kg				U						
1,2-DICHLORDPROPANE	mg/kg				U						
1,3-DICHLORDBENZENE	mg/kg										
1,4-DICHLORDBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLORDPHENOL	mg/kg										
2,4,5-TRICHLORDPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLORDPHENOL	mg/kg										
2,4-DICHLORDPHENOL	mg/kg										
2,4-DICHLORDPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITRDPHENOL	mg/kg										
2,4-DINITRDTOLUENE	mg/kg										
2,6-DINITRDTOLUENE	mg/kg										
2-BUTANONE	mg/kg				U						
2-CHLORDANILINE	mg/kg										
2-CHLORDETHYL VINYL ETHER	mg/kg				U						
2-CHLORDNAPHTHALENE	mg/kg										
2-CHLORDPHENOL	mg/kg										
2-HEXANONE	mg/kg				U						
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLDCTANE	mg/kg										
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg										
2-NITRDANILINE	mg/kg										
2-NITRDPHENOL	mg/kg										
3,3'-DICHLORDBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg										
3-NITRDANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLORDANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg				J						
4-METHYLPHENOL	mg/kg										
4-NITRDANILINE	mg/kg										
4-NITRDPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLORDBIPHENYL	mg/kg										

SOILDATA COMPARISON REPORT **INCINERATION AREA - SAND**

SAMPLE NUMBERS

PARAMETERS	UNITS	SB-66-2	SB-67-4	SB-71-1	SB-73-5	SB-77-1	SB-79-1	SB-79-2
(A-BHC)	mg/kg							
(B-BHC)	mg/kg							
(D-BHC)	mg/kg							
1,1,1-TRICHLOROETHANE	mg/kg							
1,1,2,2-TETRACHLOROETHANE	mg/kg							
1,1,2-TRICHLOROETHANE	mg/kg							
1,1-DICHLOROETHANE	mg/kg							
1,1-DICHLOROETHENE	mg/kg							
1,1-DIMETHYLCYCLOHEXANE	mg/kg							
1,2,4-TRICHLOROBENZENE	mg/kg							
1,2-DICHLOROBENZENE	mg/kg							
1,2-DICHLOROETHANE	mg/kg							
1,2-DICHLOROETHENE	mg/kg							
1,2-DICHLOROPROPANE	mg/kg							
1,3-DICHLOROBENZENE	mg/kg							
1,4-DICHLOROBENZENE	mg/kg							
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg							
2,4,5-TRICHLOROPHENOL	mg/kg							
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg							
2,4,6-TRICHLOROPHENOL	mg/kg							
2,4-DICHLOROPHENOL	mg/kg							
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg							
2,4-DIMETHYLPHENOL	mg/kg							
2,4-DINITROPHENOL	mg/kg							
2,4-DINITROTOLUENE	mg/kg							
2,6-DINITROTOLUENE	mg/kg							
2-BUTANONE	mg/kg							
2-CHLOROANILINE	mg/kg							
2-CHLOROETHYL VINYL ETHER	mg/kg							
2-CHLORONAPHTHALENE	mg/kg							
2-CHLOROPHENOL	mg/kg							
2-HEXANONE	mg/kg							
2-METHYLHEPTANE	mg/kg							
2-METHYLNAPHTHALENE	mg/kg							
2-METHYLOCTANE	mg/kg							
2-METHYLPHENOL	mg/kg							
2-NAPHTHOL	mg/kg							
2-NITROANILINE	mg/kg							
2-NITROPHENOL	mg/kg							
3,3'-DICHLOROBENZIDINE	mg/kg							
3-METHYLHEPTANE	mg/kg							
3-NITROANILINE	mg/kg							
4,4-DDD	mg/kg							
4,4-DDE	mg/kg							
4,4-DDT	mg/kg							
4,6-DINITRO-2-METHYLPHENOL	mg/kg							
4-BR-PHENYL PHENYL ETHER	mg/kg							
4-CHLOROANILINE	mg/kg							
4-CL-PHENYL PHENYL ETHER	mg/kg							
4-METHYL-2-PENTANONE	mg/kg							
4-METHYLPHENOL	mg/kg							
4-NITROANILINE	mg/kg							
4-NITROPHENOL	mg/kg							
A C4 SUBST. CYCLOHEXANE	mg/kg							
A DICHLOROBIPHENYL	mg/kg							

SOILDATA COMPARISON REPORT

INCINERATION AREA - SAND

PARAMETERS	UNITS	SAMPLE NUMBERS MW-26-1	MW-28-7	SB-58-3	SB-58-4	SB-60-2	SB-61-3	SB-62-2	SB-64-2	SB-65-2	SB-65-3
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg				20 U						
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg						<5				
ARSENIC	mg/kg	4.3	13.8		<6	<6	<6		<6	5.7	<6
ARSENIC EPTOXICITY	mg/l			<2.5				<2.5			
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg	149	1670		37	37	21		25	43	23
BARIUM EPTOXICITY	mg/l			<10				<10			
BENZENE	mg/kg				U						
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLOROETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg				U						
BROMOFORM	mg/kg				U						
BROMOMETHANE	mg/kg				U						
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	106	17.9		2.1	2.0	1.2		0.96	2.7	1.3
CADMIUM EPTOXICITY	mg/l			<0.5				<0.5			
CARBON DISULFIDE	mg/kg				U						
CARBON TETRACHLORIDE	mg/kg				U						
CHLORDANE	mg/kg										
CHLOROBENZENE	mg/kg				U						
CHLOROETHANE	mg/kg				U						
CHLOROFORM	mg/kg				U						
CHLOROMETHANE	mg/kg				U						
CHROMIUM EPTOXICITY	mg/l			<2.5				<2.5			
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg				U						
COPPER	mg/kg						4.1				
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZO(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg				U						
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-66-2	SB-67-4	SB-71-1	SB-73-5	SB-77-1	SB-79-1	SB-79-2
A DIMETHYLCYCLOHEXANE	mg/kg							
A TRIMETHYLCYCLOHEXANE	mg/kg							
A-ENDOSULFAN	mg/kg							
ACENAPHTHENE	mg/kg							
ACENAPHTHYLENE	mg/kg							
ACETONE	mg/kg							
ALDRIN	mg/kg							
ANTHRACENE	mg/kg							
ANTIMONY	mg/kg							
ARSENIC	mg/kg		3.9		5.8	3.7	5.5	4.6
ARSENIC EPTOXICITY	mg/l	<2.5		<2.5				
B-ENDOSULFAN	mg/kg							
BARIUM	mg/kg		38		41	71	85	230
BARIUM EPTOXICITY	mg/l	<10		<10				
BENZENE	mg/kg							
BENZO(A)ANTHRACENE	mg/kg							
BENZO(A)PYRENE	mg/kg							
BENZO(B)FLOURANTHENE	mg/kg							
BENZO(B)FLUORANTHENE	mg/kg							
BENZO(GHI)PERYLENE	mg/kg							
BENZO(K)FLUORANTHENE	mg/kg							
BENZOIC ACID	mg/kg							
BENZYL ALCOHOL	mg/kg							
BENZYL BUTYL PHTHALATE	mg/kg							
BIS(2-CHLOROETHYL) ETHER	mg/kg							
BIS(2-CL-ETHOXY) METHANE	mg/kg							
BIS(2-CL-ISOPROPYL) ETHER	mg/kg							
BIS(2-ET-HEXYL) PHTHALATE	mg/kg							
BROMODICHLOROMETHANE	mg/kg							
BROMOFORM	mg/kg							
BROMOMETHANE	mg/kg							
C10H18 HYDROCARBON	mg/kg							
C11 SATURATED HYDROCARBON	mg/kg							
C9 SATURATED HYDROCARBON	mg/kg							
CADMIUM	mg/kg		2.0		2.2	9.8	3.7	10.6
CADMIUM EPTOXICITY	mg/l	<0.5		<0.5				
CARBON DISULFIDE	mg/kg							
CARBON TETRACHLORIDE	mg/kg							
CHLORDANE	mg/kg							
CHLOROBENZENE	mg/kg							
CHLOROETHANE	mg/kg							
CHLOROFORM	mg/kg							
CHLOROMETHANE	mg/kg							
CHROMIUM EPTOXICITY	mg/l	<2.5		<2.5				
CHRYSENE	mg/kg							
CIS-1,3-DICHLOROPROPENE	mg/kg							
COPPER	mg/kg							
CYANIDE	mg/kg							
DECANE	mg/kg							
DI-N-BUTYL PHTHALATE	mg/kg							
DI-N-OCTYL PHTHALATE	mg/kg							
DIBENZO(AH)ANTHRACENE	mg/kg							
DIBENZOFURAN	mg/kg							
DIBROMOCHLOROMETHANE	mg/kg							
DIELDRIN	mg/kg							
DIETHYL PHTHALATE	mg/kg							

SOILDATA COMPARISON REPORT **INCINERATION AREA - SAND**

PARAMETERS	UNITS	SAMPLE NUMBERS MW-26-1	MW-28-7	SB-58-3	SB-58-4	SB-60-2	SB-61-3	SB-62-2	SB-64-2	SB-65-2	SB-65-3
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg										
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg	250	156		270	169	280		280	310	22
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg						11.4				
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg	250	14000		40	1.99	2.2		3.3	3.4	10.
LEAD EPTOXICITY	mg/l			<2.5				<2.5			
LINDANE	mg/kg										
MAGNESIUM	mg/kg						1580				
MANGANESE	mg/kg						101				
MERCURY	mg/kg	14.6	.27		0.180	<0.3	<0.1		<0.2	<0.2	<0.
MERCURY EPTOXICITY	mg/l			<0.04				<0.04			
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg				LCB						
MOLYBDENUM	mg/kg						<25				
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg				40						
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%	83.2	63.6		78.0	78.4	80.6	75.3	87.1	79.1	81.
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<3	<3		1.65	<4	<3		<3	<3	<3
SELENIUM EPTOXICITY	mg/l			<1				<1			
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l			<2				<2			
SOLIDS EPTOXICITY	%			80.0							
STYRENE	mg/kg				U						
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-66-2	SB-67-4	SB-71-1	SB-73-5	SB-77-1	SB-79-1	SB-79-2
DIMETHYL PHTHALATE	mg/kg							
ENDOSULFAN SULFATE	mg/kg							
ENDRIN	mg/kg							
ENDRIN ALDEHYDE	mg/kg							
ENDRIN KETONE	mg/kg							
ETHYLBENZENE	mg/kg							
FLUORANTHENE	mg/kg							
FLUORENE	mg/kg							
FLUORIDE	mg/kg		320		320	250	310	630
HEPTACHLOR	mg/kg							
HEPTACHLOR EPOXIDE	mg/kg							
HEXACHLORO-BUTADIENE	mg/kg							
HEXACHLORO-CYCLOPENTADIENE	mg/kg							
HEXACHLOROBENZENE	mg/kg							
HEXACHLOROETHANE	mg/kg							
HEXAVALENT CHROMIUM	mg/kg							
INDENO(1,2,3-CD)PYRENE	mg/kg							
ISOPHORONE	mg/kg							
LEAD	mg/kg		4.0		26	25	20	200
LEAD EPTOXICITY	mg/l	<2.5		<2.5				
LINDANE	mg/kg							
MAGNESIUM	mg/kg							
MANGANESE	mg/kg							
MERCURY	mg/kg		<0.2		<0.2	5.9	0.67	<0.5
MERCURY EPTOXICITY	mg/l	<0.04		<0.04				
METHOXYCHLOR	mg/kg							
METHYLENE CHLORIDE	mg/kg							
MOLYBDENUM	mg/kg							
N-NITROSODIPHENYLAMINE	mg/kg							
N-NITROSODIPROPYLAMINE	mg/kg							
NAPHTHALENE	mg/kg							
NITROBENZENE	mg/kg							
NONANE	mg/kg							
O-DICHLOROBENZENE	mg/kg							
OCTANE	mg/kg							
P-CHLORO-M-CRESOL	mg/kg							
PCB-1016	mg/kg							
PCB-1221	mg/kg							
PCB-1232	mg/kg							
PCB-1242	mg/kg							
PCB-1248	mg/kg							
PCB-1254	mg/kg							
PCB-1260	mg/kg							
PENTACHLOROPHENOL	mg/kg							
PERCENT SOLIDS	%	73.9	78.9	81.3	77.6	85.4	87.2	70.9
PHENANTHRENE	mg/kg							
PHENOL	ug/kg							
PYRENE	mg/kg							
SATURATED HYDROCARBON	ug/kg							
SELENIUM	mg/kg		<3		<3	<3	<3	<3
SELENIUM EPTOXICITY	mg/l	<1		<1				
SILVER	mg/kg							
SILVER EPTOXICITY	mg/l	<2		<2				
SOLIDS EPTOXICITY	%							
STYRENE	mg/kg							
SUBSTITUTED CYCLOALKANE	mg/kg							

SOILDATA COMPARISON REPORT **INCINERATION AREA - SAND**

PARAMETERS	UNITS	SAMPLE NUMBERS MW-26-1	MW-28-7	SB-58-3	SB-58-4	SB-60-2	SB-61-3	SB-62-2	SB-64-2	SB-65-2	SB-65-3
TETRACHLOROETHENE	mg/kg				U						
TOLUENE	mg/kg				U						
TOTAL CHROMIUM	mg/kg	149	4200		250	220	610		400	168	67
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg				U						
TOXAPHENE	mg/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg				U						
TRICHLOROETHENE	mg/kg				U						
VINYL ACETATE	mg/kg				U						
VINYL CHLORIDE	mg/kg				U						
ZINC	mg/kg						29				

SOILDATA COMPARISON REPORT

INCINERATION AREA - SAND

PARAMETERS	UNITS	SAMPLE NUMBERS SB-66-2	SB-67-4	SB-71-1	SB-73-5	SB-77-1	SB-79-1	SB-79-2
TETRACHLORDETHENE	mg/kg							
TOLUENE	mg/kg							
TOTAL CHROMIUM	mg/kg		1930		2400	36	24	156
TOTAL SOLIDS	%							
TOTAL XYLENES	mg/kg							
TOXAPHENE	mg/kg							
TRANS-1,3-DICHLOROPROPENE	mg/kg							
TRICHLORDETHENE	mg/kg							
VINYL ACETATE	mg/kg							
VINYL CHLORIDE	mg/kg							
ZINC	mg/kg							

INCINERATION AREA - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	MW-28-13	MW-28-8	SB-58-5	SB-58-6	SB-58-7	SB-60-4
(A-BHC)	mg/kg					U	
(B-BHC)	mg/kg					U	
(D-BHC)	mg/kg					U	
1,1,1-TRICHLOROETHANE	mg/kg			U		U	
1,1,2,2-TETRACHLOROETHANE	mg/kg			U		U	
1,1,2-TRICHLOROETHANE	mg/kg			U		U	
1,1-DICHLOROETHANE	mg/kg			U		U	
1,1-DICHLOROETHENE	mg/kg			U		U	
1,1-DIMETHYLCYCLOHEXANE	mg/kg						
1,2,4-TRICHLOROBENZENE	mg/kg					U	
1,2-DICHLOROBENZENE	mg/kg					1000	
1,2-DICHLOROETHANE	mg/kg			U		U	
1,2-DICHLOROETHENE	mg/kg			U		U	
1,2-DICHLOROPROPANE	mg/kg			U		U	
1,3-DICHLOROBENZENE	mg/kg					U	
1,4-DICHLOROBENZENE	mg/kg					U	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg						
2,4,5-TRICHLOROPHENOL	mg/kg					U	
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg						
2,4,6-TRICHLOROPHENOL	mg/kg					U	
2,4-DICHLOROPHENOL	mg/kg					U	
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg						
2,4-DIMETHYLPHENOL	mg/kg						
2,4-DINITROPHENOL	mg/kg					U	
2,4-DINITROTOLUENE	mg/kg					U	
2,6-DINITROTOLUENE	mg/kg					U	
2-BUTANONE	mg/kg					U	
2-CHLOROANILINE	mg/kg						
2-CHLOROETHYL VINYL ETHER	mg/kg			U		U	
2-CHLORONAPHTHALENE	mg/kg					U	
2-CHLOROPHENOL	mg/kg					U	
2-HEXANONE	mg/kg			U		U	
2-METHYLHEPTANE	mg/kg						
2-METHYLNAPHTHALENE	mg/kg					U	
2-METHYLOCTANE	mg/kg						
2-METHYLPHENOL	mg/kg					U	
2-NAPHTHOL	mg/kg						
2-NITROANILINE	mg/kg					U	
2-NITROPHENOL	mg/kg					U	
3,3'-DICHLOROBENZIDINE	mg/kg					U	
3-METHYLHEPTANE	mg/kg						
3-NITROANILINE	mg/kg					U	
4,4-DDD	mg/kg					U	
4,4-DDE	mg/kg					U	
4,4-DDT	mg/kg					U	
4,6-DINITRO-2-METHYLPHENOL	mg/kg					U	
4-BR-PHENYL PHENYL ETHER	mg/kg					U	
4-CHLOROANILINE	mg/kg					U	
4-CL-PHENYL PHENYL ETHER	mg/kg					U	
4-METHYL-2-PENTANONE	mg/kg			U		U	
4-METHYLPHENOL	mg/kg					U	
4-NITROANILINE	mg/kg					U	
4-NITROPHENOL	mg/kg					U	
A C4 SUBST. CYCLOHEXANE	mg/kg						
A DICHLOROBIPHENYL	mg/kg						

INCINERATION AREA - CLAY

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-65-4	SB-69-4	SB-76-1	SB-76-2	SB-77-2
(A-BHC)	mg/kg					
(B-BHC)	mg/kg					
(D-BHC)	mg/kg					
1,1,1-TRICHLOROETHANE	mg/kg					
1,1,2,2-TETRACHLOROETHANE	mg/kg					
1,1,2-TRICHLOROETHANE	mg/kg					
1,1-DICHLOROETHANE	mg/kg					
1,1-DICHLOROETHENE	mg/kg					
1,1-DIMETHYLCYCLOHEXANE	mg/kg					
1,2,4-TRICHLOROBENZENE	mg/kg					
1,2-DICHLOROBENZENE	mg/kg					
1,2-DICHLOROETHANE	mg/kg					
1,2-DICHLOROETHENE	mg/kg					
1,2-DICHLOROPROPANE	mg/kg					
1,3-DICHLOROBENZENE	mg/kg					
1,4-DICHLOROBENZENE	mg/kg					
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg					
2,4,5-TRICHLOROPHENOL	mg/kg					
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg					
2,4,6-TRICHLOROPHENOL	mg/kg					
2,4-DICHLOROPHENOL	mg/kg					
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg					
2,4-DIMETHYLPHENOL	mg/kg					
2,4-DINITROPHENOL	mg/kg					
2,4-DINITROTOLUENE	mg/kg					
2,6-DINITROTOLUENE	mg/kg					
2-BUTANONE	mg/kg					
2-CHLORDANILINE	mg/kg					
2-CHLOROETHYL VINYL ETHER	mg/kg					
2-CHLORONAPHTHALENE	mg/kg					
2-CHLOROPHENOL	mg/kg					
2-HEXANONE	mg/kg					
2-METHYLHEPTANE	mg/kg					
2-METHYLNAPHTHALENE	mg/kg					
2-METHYLOCTANE	mg/kg					
2-METHYLPHENOL	mg/kg					
2-NAPHTHOL	mg/kg					
2-NITROANILINE	mg/kg					
2-NITROPHENOL	mg/kg					
3,3'-DICHLOROBENZIDINE	mg/kg					
3-METHYLHEPTANE	mg/kg					
3-NITROANILINE	mg/kg					
4,4-DDD	mg/kg					
4,4-DDE	mg/kg					
4,4-DDT	mg/kg					
4,6-DINITRO-2-METHYLPHENOL	mg/kg					
4-BR-PHENYL PHENYL ETHER	mg/kg					
4-CHLORDANILINE	mg/kg					
4-CL-PHENYL PHENYL ETHER	mg/kg					
4-METHYL-2-PENTANONE	mg/kg					
4-METHYLPHENOL	mg/kg					
4-NITROANILINE	mg/kg					
4-NITROPHENOL	mg/kg					
A C4 SUBST. CYCLOHEXANE	mg/kg					
A DICHLOROBIPHENYL	mg/kg					

INCINERATION AREA - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	MW-28-13	MW-28-8	SB-58-5	SB-58-6	SB-58-7	SB-60-4
A DIMETHYLCYCLOHEXANE	mg/kg						
A TRIMETHYLCYCLOHEXANE	mg/kg						
A-ENDOSULFAN	mg/kg					U	
ACENAPHTHENE	mg/kg						
ACENAPHTHYLENE	mg/kg					U	
ACETONE	mg/kg			LCB		LCB	
ALDRIN	mg/kg					U	
ANTHRACENE	mg/kg					U	
ANTIMONY	mg/kg					<44	
ARSENIC	mg/kg	3.2	7.7	<6		10.8	16.4
ARSENIC EPTOXICITY	mg/l	<2.5			<2.5		
B-ENDOSULFAN	mg/kg					U	
BARIUM	mg/kg	80	163	21		186	152
BARIUM EPTOXICITY	mg/l	<10			<10		
BENZENE	mg/kg			U		U	
BENZO(A)ANTHRACENE	mg/kg					U	
BENZO(A)PYRENE	mg/kg					U	
BENZO(B)FLOURANTHENE	mg/kg						
BENZO(B)FLUORANTHENE	mg/kg					U	
BENZO(GHI)PERYLENE	mg/kg					U	
BENZO(K)FLUORANTHENE	mg/kg					U	
BENZOIC ACID	mg/kg					U	
BENZYL ALCOHOL	mg/kg					U	
BENZYL BUTYL PHTHALATE	mg/kg					U	
BIS(2-CHLOROETHYL) ETHER	mg/kg					U	
BIS(2-CL-ETHOXY) METHANE	mg/kg					U	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg					U	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg					U	
BROMODICHLOROMETHANE	mg/kg			U		U	
BROMOFORM	mg/kg			U		U	
BROMOMETHANE	mg/kg			U		U	
C10H18 HYDROCARBON	mg/kg						
C11 SATURATED HYDROCARBON	mg/kg						
C9 SATURATED HYDROCARBON	mg/kg						
CADMIUM	mg/kg	1.5	3.2	1.25		4.0	3.4
CADMIUM EPTOXICITY	mg/l	<0.5			<0.5		
CARBON DISULFIDE	mg/kg			U		U	
CARBON TETRACHLORIDE	mg/kg			U		U	
CHLORDANE	mg/kg					U	
CHLOROBENZENE	mg/kg			U		58	
CHLOROETHANE	mg/kg			U		U	
CHLOROFORM	mg/kg			U		U	
CHLOROMETHANE	mg/kg			U		U	
CHROMIUM EPTOXICITY	mg/l	<2.5			<2.5		
CHRYSENE	mg/kg					U	
CIS-1,3-DICHLOROPROPENE	mg/kg			U		U	
COPPER	mg/kg					32	
CYANIDE	mg/kg						
DECANE	mg/kg						
DI-N-BUTYL PHTHALATE	mg/kg					U	
DI-N-OCTYL PHTHALATE	mg/kg					U	
DIBENZO(AH)ANTHRACENE	mg/kg					U	
DIBENZOFURAN	mg/kg					U	
DIBROMOCHLOROMETHANE	mg/kg			U		U	
DIELDRIN	mg/kg					U	
DIETHYL PHTHALATE	mg/kg					U	

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-65-4	SB-69-4	SB-76-1	SB-76-2	SB-77-2
A DIMETHYLCYCLOHEXANE	mg/kg					
A TRIMETHYLCYCLOHEXANE	mg/kg					
A-ENDOSULFAN	mg/kg					
ACENAPHTHENE	mg/kg					
ACENAPHTHYLENE	mg/kg					
ACETONE	mg/kg					
ALDRIN	mg/kg					
ANTHRACENE	mg/kg					
ANTIMONY	mg/kg					
ARSENIC	mg/kg			13.7	11.3	3.3
ARSENIC EPTOXICITY	mg/l	<2.5	<2.5			
B-ENDOSULFAN	mg/kg					
BARIUM	mg/kg			210	156	92
BARIUM EPTOXICITY	mg/l	<10	<10			
BENZENE	mg/kg					
BENZO(A)ANTHRACENE	mg/kg					
BENZO(A)PYRENE	mg/kg					
BENZO(B)FLOURANTHENE	mg/kg					
BENZO(B)FLUORANTHENE	mg/kg					
BENZO(GHI)PERYLENE	mg/kg					
BENZO(K)FLUORANTHENE	mg/kg					
BENZOIC ACID	mg/kg					
BENZYL ALCOHOL	mg/kg					
BENZYL BUTYL PHTHALATE	mg/kg					
BIS(2-CHLOROETHYL) ETHER	mg/kg					
BIS(2-CL-ETHOXY) METHANE	mg/kg					
BIS(2-CL-ISOPROPYL) ETHER	mg/kg					
BIS(2-ET-HEXYL) PHTHALATE	mg/kg					
BROMODICHLOROMETHANE	mg/kg					
BROMOFORM	mg/kg					
BROMOMETHANE	mg/kg					
C10H18 HYDROCARBON	mg/kg					
C11 SATURATED HYDROCARBON	mg/kg					
C9 SATURATED HYDROCARBON	mg/kg					
CADMIUM	mg/kg			4.5	3.9	2.6
CADMIUM EPTOXICITY	mg/l	<0.5	<0.5			
CARBON DISULFIDE	mg/kg					
CARBON TETRACHLORIDE	mg/kg					
CHLORDANE	mg/kg					
CHLOROBENZENE	mg/kg					
CHLOROETHANE	mg/kg					
CHLOROFORM	mg/kg					
CHLOROMETHANE	mg/kg					
CHROMIUM EPTOXICITY	mg/l	<2.5	<2.5			
CHRYSENE	mg/kg					
CIS-1,3-DICHLOROPROPENE	mg/kg					
COPPER	mg/kg					
CYANIDE	mg/kg					
DECANE	mg/kg					
DI-N-BUTYL PHTHALATE	mg/kg					
DI-N-OCTYL PHTHALATE	mg/kg					
DIBENZO(AH)ANTHRACENE	mg/kg					
DIBENZOFURAN	mg/kg					
DIBROMOCHLOROMETHANE	mg/kg					
DIELDRIN	mg/kg					
DIETHYL PHTHALATE	mg/kg					

SOILDATA COMPARISON REPORT **INCINERATION AREA - CLAY**

PARAMETERS	UNITS	SAMPLE NUMBERS MW-28-13	MW-28-8	SB-58-5	SB-58-6	SB-58-7	SB-60-4
DIMETHYL PHTHALATE	mg/kg					U	
ENDOSULFAN SULFATE	mg/kg					U	
ENDRIN	mg/kg					U	
ENDRIN ALDEHYDE	mg/kg					U	
ENDRIN KETONE	mg/kg					U	
ETHYLBENZENE	mg/kg						
FLUORANTHENE	mg/kg					U	
FLUORENE	mg/kg					U	
FLUORIDE	mg/kg	340	710	270		390	620
HEPTACHLOR	mg/kg					U	
HEPTACHLOR EPOXIDE	mg/kg					U	
HEXACHLORO-BUTADIENE	mg/kg					U	
HEXACHLORO-CYCLOPENTADIENE	mg/kg						
HEXACHLOROBENZENE	mg/kg					U	
HEXACHLOROETHANE	mg/kg						
HEXAVALENT CHROMIUM	mg/kg					20.0	
INDENO(1,2,3-CD)PYRENE	mg/kg					U	
ISOPHORONE	mg/kg					U	
LEAD	mg/kg	177	30.5	32		13.8	14.0
LEAD EPTOXICITY	mg/l	<2.5			<2.5		
LINDANE	mg/kg					U	
MAGNESIUM	mg/kg					9400	
MANGANESE	mg/kg					730	
MERCURY	mg/kg	<0.2	<0.2	<0.2		<0.4	<0.3
MERCURY EPTOXICITY	mg/l	<0.04			<0.04		
METHOXYCHLOR	mg/kg					U	
METHYLENE CHLORIDE	mg/kg			LCB		LCB	
MOLYBDENUM	mg/kg					65	
N-NITROSODIPHENYLAMINE	mg/kg					U	
N-NITROSODIPROPYLAMINE	mg/kg					U	
NAPHTHALENE	mg/kg					U	
NITROBENZENE	mg/kg					U	
NONANE	mg/kg						
O-DICHLOROBENZENE	mg/kg			70			
OCTANE	mg/kg						
P-CHLORO-M-CRESOL	mg/kg					U	
PCB-1016	mg/kg					U	
PCB-1221	mg/kg					U	
PCB-1232	mg/kg					U	
PCB-1242	mg/kg					U	
PCB-1248	mg/kg					U	
PCB-1254	mg/kg					U	
PCB-1260	mg/kg					U	
PENTACHLOROPHENOL	mg/kg					U	
PERCENT SOLIDS	%	92.3	68.9	82.5		69.0	71.6
PHENANTHRENE	mg/kg					U	
PHENOL	ug/kg					U	
PYRENE	mg/kg					U	
SATURATED HYDROCARBON	ug/kg						
SELENIUM	mg/kg	<3	<4	<3		<4	<3
SELENIUM EPTOXICITY	mg/l	<1			<1		
SILVER	mg/kg						
SILVER EPTOXICITY	mg/l	<2			<2		
SOLIDS EPTOXICITY	%	96.3			82.5		
STYRENE	mg/kg			U		U	
SUBSTITUTED CYCLOALKANE	mg/kg						

SOILDATA COMPARISON REPORT **INCINERATION AREA - CLAY**

PARAMETERS	UNITS	SB-65-4	SB-69-4	SB-76-1	SB-76-2	SB-77-2
DIMETHYL PHTHALATE	mg/kg					
ENDOSULFAN SULFATE	mg/kg					
ENDRIN	mg/kg					
ENDRIN ALDEHYDE	mg/kg					
ENDRIN KETONE	mg/kg					
ETHYLBENZENE	mg/kg					
FLUORANTHENE	mg/kg					
FLUORENE	mg/kg					
FLUORIDE	mg/kg			760	830	340
HEPTACHLOR	mg/kg					
HEPTACHLOR EPOXIDE	mg/kg					
HEXACHLORO-BUTADIENE	mg/kg					
HEXACHLORO-CYCLOPENTADIENE	mg/kg					
HEXACHLOROBENZENE	mg/kg					
HEXACHLOROETHANE	mg/kg					
HEXAVALENT CHROMIUM	mg/kg					
INDENO(1,2,3-CD)PYRENE	mg/kg					
ISOPHORONE	mg/kg					
LEAD	mg/kg			33	14.3	4.2
LEAD EPTOXICITY	mg/l	<2.5	<2.5			
LINDANE	mg/kg					
MAGNESIUM	mg/kg					
MANGANESE	mg/kg					
MERCURY	mg/kg			0.166	<0.4	<0.2
MERCURY EPTOXICITY	mg/l	<0.04	<0.04			
METHOXYCHLOR	mg/kg					
METHYLENE CHLORIDE	mg/kg					
MOLYBDENUM	mg/kg					
N-NITROSODIPHENYLAMINE	mg/kg					
N-NITROSODIPROPYLAMINE	mg/kg					
NAPHTHALENE	mg/kg					
NITROBENZENE	mg/kg					
NONANE	mg/kg					
O-DICHLOROBENZENE	mg/kg					
OCTANE	mg/kg					
P-CHLORO-M-CRESOL	mg/kg					
PCB-1016	mg/kg					
PCB-1221	mg/kg					
PCB-1232	mg/kg					
PCB-1242	mg/kg					
PCB-1248	mg/kg					
PCB-1254	mg/kg					
PCB-1260	mg/kg					
PENTACHLOROPHENOL	mg/kg					
PERCENT SOLIDS	%	72.8	70.2	72.0	69.6	83.1
PHENANTHRENE	mg/kg					
PHENOL	ug/kg					
PYRENE	mg/kg					
SATURATED HYDROCARBON	ug/kg					
SELENIUM	mg/kg			<3	<4	<3
SELENIUM EPTOXICITY	mg/l	<1	<1			
SILVER	mg/kg					
SILVER EPTOXICITY	mg/l	<2	<2			
SOLIDS EPTOXICITY	%					
STYRENE	mg/kg					
SUBSTITUTED CYCLOALKANE	mg/kg					

SOILDATA COMPARISON REPORT INCINERATION AREA - CLAY

PARAMETERS	UNITS	SAMPLE NUMBERS MW-28-13	MW-28-8	PAGE 4 SB-58-5	SB-58-6	SB-58-7	SB-60-4
TETRACHLOROETHENE	mg/kg			U		U	
TOLUENE	mg/kg			U		U	
TOTAL CHROMIUM	mg/kg	196	320	154		430	37
TOTAL SOLIDS	%						
TOTAL XYLENES	mg/kg			U		U	
TOXAPHENE	mg/kg					U	
TRANS-1,3-DICHLOROPROPENE	mg/kg			U		U	
TRICHLOROETHENE	mg/kg			U		U	
VINYL ACETATE	mg/kg			U		U	
VINYL CHLORIDE	mg/kg			U		U	
ZINC	mg/kg					100	

SOILDATA COMPARISON REPORT **INCINERATION AREA - CLAY**

PARAMETERS	UNITS	SB-65-4	SB-69-4	SB-76-1	SB-76-2	SB-77-2
TETRACHLORDETHENE	mg/kg					
TOLUENE	mg/kg					
TOTAL CHROMIUM	mg/kg			45	28	24
TOTAL SOLIDS	%					
TOTAL XYLENES	mg/kg					
TOXAPHENE	mg/kg					
TRANS-1,3-DICHLOROPROPENE	mg/kg					
TRICHLORDETHENE	mg/kg					
VINYL ACETATE	mg/kg					
VINYL CHLORIDE	mg/kg					
ZINC	mg/kg					

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	MW-34-10	MW-34-2	MW-34-3	MW-34-4	MW-34-5	SB-15-1	SB-16-1	SB-16-11	SB-16-3	SB-16-4
(A-BHC)	mg/kg				U					U	
(B-BHC)	mg/kg				U					U	
(D-BHC)	mg/kg				U					U	
1,1,1-TRICHLOROETHANE	mg/kg	U	U		U	U	U	U			U
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U		U	U	U	U			U
1,1,2-TRICHLOROETHANE	mg/kg	U	U		U	U	U	U			U
1,1-DICHLOROETHANE	mg/kg	U	U		U	U	U	U			U
1,1-DICHLOROETHENE	mg/kg	U	U		U	U	U	U			U
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg				U					U	
1,2-DICHLOROBENZENE	mg/kg				U					U	
1,2-DICHLOROETHANE	mg/kg	U	U		U	U	U	U			U
1,2-DICHLOROETHENE	mg/kg	U	U		U	U	U	U			U
1,2-DICHLOROPROPANE	mg/kg	U	U		U	U	U	U			U
1,3-DICHLOROBENZENE	mg/kg				U					U	
1,4-DICHLOROBENZENE	mg/kg				U					U	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg				U					U	
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg				U					U	
2,4-DICHLOROPHENOL	mg/kg				U					U	
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg				U					U	
2,4-DINITROPHENOL	mg/kg				U					U	
2,4-DINITROTOLUENE	mg/kg				U					U	
2,6-DINITROTOLUENE	mg/kg				U					U	
2-BUTANONE	mg/kg	60	U		U	U	U	U			U
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U		U	U	U	U			U
2-CHLORONAPHTHALENE	mg/kg				U					U	
2-CHLOROPHENOL	mg/kg				U					U	
2-HEXANONE	mg/kg	U	U		U	U	U	U			U
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg				U					U	
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg				U					U	
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg				U					U	
2-NITROPHENOL	mg/kg				U					U	
3,3'-DICHLOROBENZIDINE	mg/kg				U					U	
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg				U					U	
4,4-DDD	mg/kg				U					U	
4,4-DDE	mg/kg				U					U	
4,4-DDT	mg/kg				U					U	
4,6-DINITRO-2-METHYLPHENOL	mg/kg				U					U	
4-BR-PHENYL PHENYL ETHER	mg/kg				U					U	
4-CHLOROANILINE	mg/kg				U					U	
4-CL-PHENYL PHENYL ETHER	mg/kg				U					U	
4-METHYL-2-PENTANONE	mg/kg	U	U		U	U	U	U			U
4-METHYLPHENOL	mg/kg				U					U	
4-NITROANILINE	mg/kg				U					U	
4-NITROPHENOL	mg/kg				U					U	
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-16-9	SB-17-1	SB-17-2	SB-17-3	SB-17-4	B-19-4,5	SB-20-3	SB-22-2	SB-25-11	SB-25-12
(A-BHC)	mg/kg										
(B-BHC)	mg/kg										
(D-BHC)	mg/kg										
1,1,1-TRICHLOROETHANE	mg/kg		U	U	U		U			U	
1,1,2,2-TETRACHLOROETHANE	mg/kg		U	U	U		U			U	
1,1,2-TRICHLOROETHANE	mg/kg		U	U	U		U			U	
1,1-DICHLOROETHANE	mg/kg		U	U	U		U			U	
1,1-DICHLOROETHENE	mg/kg		U	U	U		U			U	
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg										
1,2-DICHLOROBENZENE	mg/kg										
1,2-DICHLOROETHANE	mg/kg		U	U	U		U			U	
1,2-DICHLOROETHENE	mg/kg		U	U	U		U			U	
1,2-DICHLOROPROPANE	mg/kg		U	U	U		U			U	
1,3-DICHLOROBENZENE	mg/kg										
1,4-DICHLOROBENZENE	mg/kg										
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg										
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOL	mg/kg										
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg										
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg										
2,6-DINITROTOLUENE	mg/kg										
2-BUTANONE	mg/kg		U	U	U		LCB			U	
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg		U	U	U		U			U	
2-CHLORONAPHTHALENE	mg/kg										
2-CHLOROPHENOL	mg/kg										
2-HEXANONE	mg/kg		U	U	U		U			U	
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg										
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg										
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg										
2-NITROPHENOL	mg/kg										
3,3'-DICHLOROBENZIDINE	mg/kg										
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg										
4,4-DDD	mg/kg										
4,4-DDE	mg/kg										
4,4-DDT	mg/kg										
4,6-DINITRO-2-METHYLPHENOL	mg/kg										
4-BR-PHENYL PHENYL ETHER	mg/kg										
4-CHLOROANILINE	mg/kg										
4-CL-PHENYL PHENYL ETHER	mg/kg										
4-METHYL-2-PENTANONE	mg/kg		U	U	U		U			U	
4-METHYLPHENOL	mg/kg										
4-NITROANILINE	mg/kg										
4-NITROPHENOL	mg/kg										
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-25-3	SB-25-7	SB-27-2	SB-27-3	SB-29-1	SB-29-2	SB-30-1	SB-31-2	SB-49-5	SB-49-7
(A-BHC)	mg/kg							U			
(B-BHC)	mg/kg							U			
(D-BHC)	mg/kg							U			
1,1,1-TRICHLOROETHANE	mg/kg	U	U	U	U	U	U	U	U		
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U	U	U	U	U	U	U		
1,1,2-TRICHLOROETHANE	mg/kg	U	U	U	U	U	U	U	U		
1,1-DICHLOROETHANE	mg/kg	U	U	U	U	U	U	U	U		
1,1-DICHLOROETHENE	mg/kg	U	U	U	U	U	U	U	U		
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg							U			
1,2-DICHLOROBENZENE	mg/kg							U			
1,2-DICHLOROETHANE	mg/kg	U	U	U	U	U	U	U	U		
1,2-DICHLOROETHENE	mg/kg	U	U	U	U	U	U	U	U		
1,2-DICHLOROPROPANE	mg/kg	U	U	U	U	U	U	U	U		
1,3-DICHLOROBENZENE	mg/kg							U			
1,4-DICHLOROBENZENE	mg/kg							U			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg							U			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg							U			
2,4-DICHLOROPHENOL	mg/kg							U			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg							U			
2,4-DINITROPHENOL	mg/kg										
2,4-DINITROTOLUENE	mg/kg							U			
2,6-DINITROTOLUENE	mg/kg							U			
2-BUTANONE	mg/kg	U	LCB	U	LCB	U	U	U	U		
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U	U	U	U	U	U	U		
2-CHLORONAPHTHALENE	mg/kg							U			
2-CHLOROPHENOL	mg/kg							U			
2-HEXANONE	mg/kg	U	U	U	U	U	U	U	U		
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg							U			
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg							U			
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg							U			
2-NITROPHENOL	mg/kg							U			
3,3'-DICHLOROBENZIDINE	mg/kg							U			
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg							U			
4,6-DDD	mg/kg							U			
4,4-DDE	mg/kg							U			
4,4-DDT	mg/kg							U			
4,6-DINITRO-2-METHYLPHENOL	mg/kg							U			
4-BR-PHENYL PHENYL ETHER	mg/kg							U			
4-CHLOROANILINE	mg/kg							U			
4-CL-PHENYL PHENYL ETHER	mg/kg							U			
4-METHYL-2-PENTANONE	mg/kg	U	U	U	U	U	U	U	U		
4-METHYLPHENOL	mg/kg							U			
4-NITROANILINE	mg/kg							U			
4-NITROPHENOL	mg/kg							U			
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLORODIPHENYL	mg/kg										

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-50-2	SB-50-9	SB-51-3	SB-52-2	SB-52-4
(A-BHC)	mg/kg					
(B-BHC)	mg/kg					
(D-BHC)	mg/kg					
1,1,1-TRICHLOROETHANE	mg/kg					
1,1,2,2-TETRACHLOROETHANE	mg/kg					
1,1,2-TRICHLOROETHANE	mg/kg					
1,1-DICHLOROETHANE	mg/kg					
1,1-DICHLOROETHENE	mg/kg					
1,1-DIMETHYLCYCLOHEXANE	mg/kg					
1,2,4-TRICHLOROBENZENE	mg/kg					
1,2-DICHLOROBENZENE	mg/kg					
1,2-DICHLOROETHANE	mg/kg					
1,2-DICHLOROETHENE	mg/kg					
1,2-DICHLOROPROPANE	mg/kg					
1,3-DICHLOROBENZENE	mg/kg					
1,4-DICHLOROBENZENE	mg/kg					
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg					
2,4,5-TRICHLOROPHENOL	mg/kg					
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg					
2,4,6-TRICHLOROPHENOL	mg/kg					
2,4-DICHLOROPHENOL	mg/kg					
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg					
2,4-DIMETHYLPHENOL	mg/kg					
2,4-DINITROPHENOL	mg/kg					
2,4-DINITROTOLUENE	mg/kg					
2,6-DINITROTOLUENE	mg/kg					
2-BUTANONE	mg/kg					
2-CHLORDANILINE	mg/kg					
2-CHLOROETHYL VINYL ETHER	mg/kg					
2-CHLORONAPHTHALENE	mg/kg					
2-CHLOROPHENOL	mg/kg					
2-HEXANONE	mg/kg					
2-METHYLHEPTANE	mg/kg					
2-METHYLNAPHTHALENE	mg/kg					
2-METHYLOCTANE	mg/kg					
2-METHYLPHENOL	mg/kg					
2-NAPHTHOL	mg/kg					
2-NITROANILINE	mg/kg					
2-NITROPHENOL	mg/kg					
3,3'-DICHLOROBENZIDINE	mg/kg					
3-METHYLHEPTANE	mg/kg					
3-NITROANILINE	mg/kg					
4,4-DDD	mg/kg					
4,4-DDE	mg/kg					
4,4-DDT	mg/kg					
4,6-DINITRO-2-METHYLPHENOL	mg/kg					
4-BR-PHENYL PHENYL ETHER	mg/kg					
4-CHLORDANILINE	mg/kg					
4-CL-PHENYL PHENYL ETHER	mg/kg					
4-METHYL-2-PENTANONE	mg/kg					
4-METHYLPHENOL	mg/kg					
4-NITROANILINE	mg/kg					
4-NITROPHENOL	mg/kg					
A C4 SUBST. CYCLOHEXANE	mg/kg					
A DICHLOROBIPHENYL	mg/kg					

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-34-10	MW-34-2	MW-34-3	MW-34-4	MW-34-5	SB-15-1	SB-16-1	SB-16-11	SB-16-3	SB-16-4
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg				U					U	
ACENAPHTHENE	mg/kg				U					U	
ACENAPHTHYLENE	mg/kg				U					U	
ACETONE	mg/kg	140C	LCB		LCB	LCB	LCB	LCB			LCB
ALDRIN	mg/kg				U					U	
ANTHRACENE	mg/kg				U					U	
ANTIMONY	mg/kg				<29					<41	
ARSENIC	mg/kg	6.6	6.6		17.4	13.7	<6	8.7		4.2	12.-
ARSENIC EPTOXICITY	mg/l			<2.5					<2.5		
B-ENDOSULFAN	mg/kg				U					U	
BARIUM	mg/kg	89	410		390	250	270	2800		27	5(
BARIUM EPTOXICITY	mg/l			<10					<10		
BENZENE	mg/kg	U	U		U	U	U	U			-
BENZO(A)ANTHRACENE	mg/kg				U					U	
BENZO(A)PYRENE	mg/kg				U					U	
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg				U					U	
BENZO(GHI)PERYLENE	mg/kg				U					U	
BENZO(K)FLUORANTHENE	mg/kg				U					U	
BENZOIC ACID	mg/kg				U					U	
BENZYL ALCOHOL	mg/kg				U					U	
BENZYL BUTYL PHTHALATE	mg/kg				U					U	
BIS(2-CHLOROETHYL) ETHER	mg/kg				U					U	
BIS(2-CL-ETHOXY) METHANE	mg/kg				U					U	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg				U					U	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg				530					U	
BROMODICHLOROMETHANE	mg/kg	U	U		U	U	U	U			U
BROMOFORM	mg/kg	U	U		U	U	U	U			U
BROMOMETHANE	mg/kg	U	U		U	U	U	U			-
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	4.2	15.0		21	21	18.9	168		18.3	22
CADMIUM EPTOXICITY	mg/l			<0.5					<0.5		
CARBON DISULFIDE	mg/kg	U	U		U	U	U	U			-
CARBON TETRACHLORIDE	mg/kg	U	U		U	U	U	U			-
CHLORDANE	mg/kg				U					U	
CHLOROBENZENE	mg/kg	U	U		U	U	U	U			-
CHLOROETHANE	mg/kg	U	U		U	U	U	U			-
CHLOROFORM	mg/kg	U	U		U	U	23	U			
CHLOROMETHANE	mg/kg	U	U		U	U	U	U			-
CHROMIUM EPTOXICITY	mg/l			5.1					<2.5		
CHRYSENE	mg/kg				U					U	
CIS-1,3-DICHLOROPROPENE	mg/kg	U	U		U	U	U	U			-
COPPER	mg/kg				50					11.4	
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg				U					U	
DI-N-OCTYL PHTHALATE	mg/kg				U					U	
DIBENZO(AH)ANTHRACENE	mg/kg				U					U	
DIBENZOFURAN	mg/kg				U					U	
DIBROMOCHLOROMETHANE	mg/kg	U	U		U	U	U	U			-
DIELDRIN	mg/kg				U					U	
DIETHYL PHTHALATE	mg/kg				U					U	

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-16-9	SB-17-1	SB-17-2	SB-17-3	SB-17-4	B-19-4,5	SB-20-3	SB-22-2	SB-25-11	SB-25-12
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg										
ACENAPHTHENE	mg/kg										
ACENAPHTHYLENE	mg/kg										
ACETONE	mg/kg		LCB	LCB	LCB		LCB			U	
ALDRIN	mg/kg										
ANTHRACENE	mg/kg										
ANTIMONY	mg/kg								<8		
ARSENIC	mg/kg		5.7	9.1	7.1		3.5	11.4	6.8	6.4	
ARSENIC EPTOXICITY	mg/l	<2.5	<2.5			<2.5					<2.5
B-ENDOSULFAN	mg/kg										
BARIUM	mg/kg		4400	23	<26		125	192	210	195	
BARIUM EPTOXICITY	mg/l	<10	<10			<10					<10
BENZENE	mg/kg		U	U	U		U			U	
BENZO(A)ANTHRACENE	mg/kg										
BENZO(A)PYRENE	mg/kg										
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg										
BENZO(GHI)PERYLENE	mg/kg										
BENZO(K)FLUORANTHENE	mg/kg										
BENZOIC ACID	mg/kg										
BENZYL ALCOHOL	mg/kg										
BENZYL BUTYL PHTHALATE	mg/kg										
BIS(2-CHLOROETHYL) ETHER	mg/kg										
BIS(2-CL-ETHOXY) METHANE	mg/kg										
BIS(2-CL-ISOPROPYL) ETHER	mg/kg										
BIS(2-ET-HEXYL) PHTHALATE	mg/kg										
BROMODICHLOROMETHANE	mg/kg		U	U	U		U			U	
BROMOFORM	mg/kg		U	U	U		U			U	
BROMOMETHANE	mg/kg		U	U	U		U			U	
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg		8.0	18.9	18.7		4.4	4.0	14.3	6.3	
CADMIUM EPTOXICITY	mg/l	<0.5	<0.5			<0.5					<0.5
CARBON DISULFIDE	mg/kg		U	U	U		U			U	
CARBON TETRACHLORIDE	mg/kg		U	U	U		U			U	
CHLORDANE	mg/kg										
CHLOROBENZENE	mg/kg		U	U	U		U			U	
CHLOROETHANE	mg/kg		U	U	U		U			U	
CHLOROFORM	mg/kg		U	U	U		U			U	
CHLOROMETHANE	mg/kg		U	U	U		U			U	
CHROMIUM EPTOXICITY	mg/l	<2.5	<2.5			4.5					<2.5
CHRYSENE	mg/kg										
CIS-1,3-DICHLOROPROPENE	mg/kg		U	U	U		U			U	
COPPER	mg/kg								19.5		
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg										
DI-N-OCTYL PHTHALATE	mg/kg										
DIBENZO(AH)ANTHRACENE	mg/kg										
DIBENZOFURAN	mg/kg										
DIBROMOCHLOROMETHANE	mg/kg		U	U	U		U			U	
DIELDRIN	mg/kg										
DIETHYL PHTHALATE	mg/kg										

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-25-3	SB-25-7	SB-27-2	SB-27-3	SB-29-1	SB-29-2	SB-30-1	SB-31-2	SB-49-5	SB-49-
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg							U			
ACENAPHTHENE	mg/kg							U			
ACENAPHTHYLENE	mg/kg							U			
ACETONE	mg/kg	LCB	LCB	U	LCB	LCB	LCB	LCB	LCB		
ALDRIN	mg/kg							U			
ANTHRACENE	mg/kg							U			
ANTIMONY	mg/kg							<30			<
ARSENIC	mg/kg	6.8	4.7	4.0	4.4	10.0	13.8	4.7	2.5		2
ARSENIC EPTOXICITY	mg/l								<2.5	<2.5	
B-ENDOSULFAN	mg/kg							U			
BARIUM	mg/kg	43	660	230	3600	340	133	1140	165		660
BARIUM EPTOXICITY	mg/l								<10	<10	
BENZENE	mg/kg	U	U	U	U	U	U	U	U		
BENZO(A)ANTHRACENE	mg/kg							U			
BENZO(A)PYRENE	mg/kg							U			
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg							U			
BENZO(GHI)PERYLENE	mg/kg							U			
BENZO(K)FLUORANTHENE	mg/kg							U			
BENZOIC ACID	mg/kg							U			
BENZYL ALCOHOL	mg/kg							U			
BENZYL BUTYL PHTHALATE	mg/kg							U			
BIS(2-CHLOROETHYL) ETHER	mg/kg							U			
BIS(2-CL-ETHOXY) METHANE	mg/kg							U			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg							U			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg							U			
BROMODICHLOROMETHANE	mg/kg	U	U	U	U	U	U	U	U		
BROMOFORM	mg/kg	U	U	U	U	U	U	U	U		
BROMOMETHANE	mg/kg	U	U	U	U	U	U	U	U		
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	16.1	15.6	14.2	36	6.6	4.6	82	18.9		16.
CADMIUM EPTOXICITY	mg/l								<0.5	1.5	
CARBON DISULFIDE	mg/kg	U	UCB	U	U	U	U	U	U		
CARBON TETRACHLORIDE	mg/kg	U	U	U	U	U	U	U	U		
CHLORDANE	mg/kg							U			
CHLOROBENZENE	mg/kg	U	U	U	U	U	U	U	U		
CHLOROETHANE	mg/kg	U	U	U	U	U	U	U	U		
CHLOROFORM	mg/kg	U	U	U	U	U	U	U	U		
CHLOROMETHANE	mg/kg	U	U	U	U	U	U	U	U		
CHROMIUM EPTOXICITY	mg/l								<2.5	<2.5	
CHRYSENE	mg/kg							U			
CIS-1,3-DICHLOROPROPENE	mg/kg	U	U	U	11,000	U	U	U	U		
COPPER	mg/kg							29			550
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg							U			
DI-N-OCTYL PHTHALATE	mg/kg							U			
DIBENZO(AH)ANTHRACENE	mg/kg							U			
DIBENZOFURAN	mg/kg							U			
DIBROMOCHLOROMETHANE	mg/kg	U	U	U	U	U	U	U	U		
DIELDRIN	mg/kg							U			
DIETHYL PHTHALATE	mg/kg							U			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-50-2	SB-50-7	SB-51-3	SB-52-2	SB-52-4
A DIMETHYLCYCLOHEXANE	mg/kg					
A TRIMETHYLCYCLOHEXANE	mg/kg					
A-ENDOSULFAN	mg/kg					
ACENAPHTHENE	mg/kg					
ACENAPHTHYLENE	mg/kg					
ACETONE	mg/kg					
ALDRIN	mg/kg					
ANTHRACENE	mg/kg					
ANTIMONY	mg/kg				<44	
ARSENIC	mg/kg	7.1	11.5		14.2	
ARSENIC EPTOXICITY	mg/l			<2.5		<2.5
B-ENDOSULFAN	mg/kg					
BARIUM	mg/kg	23	78		77	
BARIUM EPTOXICITY	mg/l			<10		<10
BENZENE	mg/kg					
BENZO(A)ANTHRACENE	mg/kg					
BENZO(A)PYRENE	mg/kg					
BENZO(B)FLOURANTHENE	mg/kg					
BENZO(B)FLUORANTHENE	mg/kg					
BENZO(GHI)PERYLENE	mg/kg					
BENZO(K)FLUORANTHENE	mg/kg					
BENZOIC ACID	mg/kg					
BENZYL ALCOHOL	mg/kg					
BENZYL BUTYL PHTHALATE	mg/kg					
BIS(2-CHLOROETHYL) ETHER	mg/kg					
BIS(2-CL-ETHOXY) METHANE	mg/kg					
BIS(2-CL-ISOPROPYL) ETHER	mg/kg					
BIS(2-ET-HEXYL) PHTHALATE	mg/kg					
BROMODICHLOROMETHANE	mg/kg					
BROMOFORM	mg/kg					
BROMOMETHANE	mg/kg					
C10H18 HYDROCARBON	mg/kg					
C11 SATURATED HYDROCARBON	mg/kg					
C9 SATURATED HYDROCARBON	mg/kg					
CADMIUM	mg/kg	13.2	11.7		19.5	
CADMIUM EPTOXICITY	mg/l			<0.5		<0.5
CARBON DISULFIDE	mg/kg					
CARBON TETRACHLORIDE	mg/kg					
CHLORDANE	mg/kg					
CHLOROBENZENE	mg/kg					
CHLOROETHANE	mg/kg					
CHLOROFORM	mg/kg					
CHLOROMETHANE	mg/kg					
CHROMIUM EPTOXICITY	mg/l			<2.5		3.1
CHRYSENE	mg/kg					
CIS-1,3-DICHLOROPROPENE	mg/kg					
COPPER	mg/kg				23	
CYANIDE	mg/kg					
DECANE	mg/kg					
DI-N-BUTYL PHTHALATE	mg/kg					
DI-N-OCTYL PHTHALATE	mg/kg					
DIBENZO(AH)ANTHRACENE	mg/kg					
DIBENZOFURAN	mg/kg					
DIBROMOCHLOROMETHANE	mg/kg					
DIELDRIN	mg/kg					
DIETHYL PHTHALATE	mg/kg					

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-34-10	MW-34-2	MW-34-3	MW-34-4	MW-34-5	SB-15-1	SB-16-1	SB-16-11	SB-16-3	SB-16-4
DIMETHYL PHTHALATE	mg/kg									U	
ENDOSULFAN SULFATE	mg/kg				U					U	
ENDRIN	mg/kg				U					U	
ENDRIN ALDEHYDE	mg/kg				U					U	
ENDRIN KETONE	mg/kg				U					U	
ETHYLBENZENE	mg/kg	27	U		U	U	U	U			U
FLUORANTHENE	mg/kg				U					U	
FLUORENE	mg/kg				U					U	
FLUORIDE	mg/kg	270	88		<29	27	168	193		<29	<29
HEPTACHLOR	mg/kg				U					U	
HEPTACHLOR EPOXIDE	mg/kg				U					U	
HEXACHLORO-BUTADIENE	mg/kg				U					U	
HEXACHLORO-CYCLOPENTADIENE	mg/kg				U					U	
HEXACHLOROBENZENE	mg/kg				U					U	
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg				33					24	
INDENO(1,2,3-CD)PYRENE	mg/kg				U					U	
ISOPHORONE	mg/kg				U					U	
LEAD	mg/kg	126	197		280	310	440	2100		460	111
LEAD EPTOXICITY	mg/l			<2.5					21		
LINDANE	mg/kg				U					U	
MAGNESIUM	mg/kg				57000					33000	
MANGANESE	mg/kg				600					710	
MERCURY	mg/kg	.55	.54		<0.4	.43	2.8	46		.31	.79
MERCURY EPTOXICITY	mg/l			<0.04					<0.04		
METHOXYCHLOR	mg/kg				U					U	
METHYLENE CHLORIDE	mg/kg	U	LCB		LCB	LCB	LCB	LCB			LCB
MOLYBDENUM	mg/kg				<58					<62	
N-NITROSODIPHENYLAMINE	mg/kg				U					U	
N-NITROSODIPROPYLAMINE	mg/kg				U					U	
NAPHTHALENE	mg/kg				U					U	
NITROBENZENE	mg/kg				U					U	
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg										
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg				U					U	
PCB-1016	mg/kg				U					U	
PCB-1221	mg/kg				U					U	
PCB-1232	mg/kg				U					U	
PCB-1242	mg/kg				U					U	
PCB-1248	mg/kg				U					U	
PCB-1254	mg/kg				U					U	
PCB-1260	mg/kg				U					U	
PENTACHLOROPHENOL	mg/kg				U					U	
PERCENT SOLIDS	%	64.0	87.9		69.9	73.1	89.8	85.0		73.5	86.3
PHENANTHRENE	mg/kg				U					U	
PHENOL	ug/kg				U					U	
PYRENE	mg/kg				U					U	
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<4	<3		<4	<3	<3	<3		<4	<4
SELENIUM EPTOXICITY	mg/l			<1					<1		
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l			<2					<2		
SOLIDS EPTOXICITY	%			77.4					66.4		
STYRENE	mg/kg	U	U		U	U	U	U			U
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-16-9	SB-17-1	SB-17-2	SB-17-3	SB-17-4	B-19-4,5	SB-20-3	SB-22-2	SB-25-11	SB-25-12
		SAMPLE NUMBERS									
DIMETHYL PHTHALATE	mg/kg										
ENDOSULFAN SULFATE	mg/kg										
ENDRIN	mg/kg										
ENDRIN ALDEHYDE	mg/kg										
ENDRIN KETONE	mg/kg										
ETHYLBENZENE	mg/kg		U	U	U						
FLUORANTHENE	mg/kg										
FLUORENE	mg/kg										
FLUORIDE	mg/kg		179	<26	<29		290	910	62	172	
HEPTACHLOR	mg/kg										
HEPTACHLOR EPOXIDE	mg/kg										
HEXACHLORO-BUTADIENE	mg/kg										
HEXACHLORO-CYCLOPENTADIENE	mg/kg										
HEXACHLOROBENZENE	mg/kg										
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg								29		
INDENO(1,2,3-CD)PYRENE	mg/kg										
ISOPHORONE	mg/kg										
LEAD	mg/kg		20000	350	29		290	30	89	25000	
LEAD EPTOXICITY	mg/l	5.3	<2.5			<2.5					2.8
LINDANE	mg/kg										
MAGNESIUM	mg/kg								21400		
MANGANESE	mg/kg								440		
MERCURY	mg/kg		.34	<0.2	<0.3		1.16	<0.2	0.64	<0.3	
MERCURY EPTOXICITY	mg/l	<0.04	<0.04			<0.04					<0.04
METHOXYCHLOR	mg/kg										
METHYLENE CHLORIDE	mg/kg		LCB	LCB	LCB		LCB			LCB	
MOLYBDENUM	mg/kg								<25		
N-NITROSODIPHENYLAMINE	mg/kg										
N-NITROSODIPROPYLAMINE	mg/kg										
NAPHTHALENE	mg/kg										
NITROBENZENE	mg/kg										
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg									1800J	
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg										
PCB-1016	mg/kg										
PCB-1221	mg/kg										
PCB-1232	mg/kg										
PCB-1242	mg/kg										
PCB-1248	mg/kg										
PCB-1254	mg/kg										
PCB-1260	mg/kg										
PENTACHLOROPHENOL	mg/kg										
PERCENT SOLIDS	%		88.5	64.6	64.4		75.2	69.8	85.3	79.8	
PHENANTHRENE	mg/kg										
PHENOL	ug/kg										
PYRENE	mg/kg										
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg		<3	<3	<4		<3	<4	<3	<3	
SELENIUM EPTOXICITY	mg/l	<1	<1			<1					<1
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l	<2	<2			<2					<2
SOLIDS EPTOXICITY	%	66.6				71.1					79.2
STYRENE	mg/kg		U	U	U		U			U	
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-25-3	SB-25-7	SB-27-2	SB-27-3	SB-29-1	SB-29-2	SB-30-1	SB-31-2	SB-49-5	SB-49-7
DIMETHYL PHTHALATE	mg/kg							U			
ENDOSULFAN SULFATE	mg/kg							U			
ENDRIN	mg/kg							U			
ENDRIN ALDEHYDE	mg/kg							U			
ENDRIN KETONE	mg/kg							U			
ETHYLBENZENE	mg/kg					U	U	U			
FLUORANTHENE	mg/kg							U			
FLUORENE	mg/kg							U			
FLUORIDE	mg/kg	<19	<24	131	46	210	560	199	200		6(
HEPTACHLOR	mg/kg							U			
HEPTACHLOR EPOXIDE	mg/kg							U			
HEXACHLORO-BUTADIENE	mg/kg							U			
HEXACHLORO-CYCLOPENTADIENE	mg/kg							U			
HEXACHLOROBENZENE	mg/kg							U			
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg							79			<0.5
INDENO(1,2,3-CD)PYRENE	mg/kg							U			
ISOPHORONE	mg/kg							U			
LEAD	mg/kg	23	25	450	9300	310	31	690	140		7400
LEAD EPTOXICITY	mg/l								<2.5	3.2	
LINDANE	mg/kg							U			
MAGNESIUM	mg/kg							6900			440
MANGANESE	mg/kg							210			340
MERCURY	mg/kg	<0.3	<0.4	0.65	2.1	0.66	0.51	25	10.1		0.33
MERCURY EPTOXICITY	mg/l								<0.04	<0.04	
METHOXYCHLOR	mg/kg							U			
METHYLENE CHLORIDE	mg/kg	LCB	LCB	LCB	LCB	LCB	LCB	LCB	LCB		
MOLYBDENUM	mg/kg							<44			21
N-NITROSODIPHENYLAMINE	mg/kg							U			
N-NITROSODIPROPYLAMINE	mg/kg							U			
NAPHTHALENE	mg/kg							U			
NITROBENZENE	mg/kg							U			
NONANE	mg/kg										
O-DICHLOROBENZIENE	mg/kg		1700	69	11000						
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg							U			
PCB-1016	mg/kg							U			
PCB-1221	mg/kg							U			
PCB-1232	mg/kg							U			
PCB-1242	mg/kg							U			
PCB-1248	mg/kg							U			
PCB-1254	mg/kg							U			
PCB-1260	mg/kg							U			
PENTACHLOROPHENOL	mg/kg							U			
PERCENT SOLIDS	%	80.9	77.7	82.0	76.4	73.6	74.1	71.5	87.2		65.1
PHENANTHRENE	mg/kg							U			
PHENOL	ug/kg							U			
PYRENE	mg/kg							U			
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<3	<3	<2	<3	<3	<3	<3	<2		<4
SELENIUM EPTOXICITY	mg/l								<1	<1	
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l								<2	<1	
SOLIDS EPTOXICITY	%								87.2		
STYRENE	mg/kg	U	U	U	U	U	U	U	U		
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-50-2	SB-50-9	SB-51-3	SB-52-2	SB-52-4
DIMETHYL PHTHALATE	mg/kg					
ENDOSULFAN SULFATE	mg/kg					
ENDRIN	mg/kg					
ENDRIN ALDEHYDE	mg/kg					
ENDRIN KETONE	mg/kg					
ETHYLBENZENE	mg/kg					
FLUORANTHENE	mg/kg					
FLUORENE	mg/kg					
FLUORIDE	mg/kg				43	
HEPTACHLOR	mg/kg					
HEPTACHLOR EPOXIDE	mg/kg					
HEXACHLORO-BUTADIENE	mg/kg					
HEXACHLORO-CYCLOPENTADIENE	mg/kg					
HEXACHLOROBENZENE	mg/kg					
HEXACHLOROETHANE	mg/kg					
HEXAVALENT CHROMIUM	mg/kg				<0.7	
INDENO(1,2,3-CD)PYRENE	mg/kg					
ISOPHORONE	mg/kg					
LEAD	mg/kg	29	62		220	
LEAD EPTOXICITY	mg/l			<2.5		<2.5
LINDANE	mg/kg					
MAGNESIUM	mg/kg				29700	
MANGANESE	mg/kg				750	
MERCURY	mg/kg	<0.3	<0.4		1.20	
MERCURY EPTOXICITY	mg/l			<0.04		<0.04
METHOXYCHLOR	mg/kg					
METHYLENE CHLORIDE	mg/kg					
MOLYBDENUM	mg/kg				103	
N-NITROSODIPHENYLAMINE	mg/kg					
N-NITROSODIPROPYLAMINE	mg/kg					
NAPHTHALENE	mg/kg					
NITROBENZENE	mg/kg					
NONANE	mg/kg					
O-DICHLOROBENZENE	mg/kg					
OCTANE	mg/kg					
P-CHLORO-M-CRESOL	mg/kg					
PCB-1016	mg/kg					
PCB-1221	mg/kg					
PCB-1232	mg/kg					
PCB-1242	mg/kg					
PCB-1248	mg/kg					
PCB-1254	mg/kg					
PCB-1260	mg/kg					
PENTACHLOROPHENOL	mg/kg					
PERCENT SOLIDS	%	65.1	58.9	77.8	70.4	64.9
PHENANTHRENE	mg/kg					
PHENOL	ug/kg					
PYRENE	mg/kg					
SATURATED HYDROCARBON	ug/kg					
SELENIUM	mg/kg	<3	<4		<3	
SELENIUM EPTOXICITY	mg/l			<1		<1
SILVER	mg/kg					
SILVER EPTOXICITY	mg/l			<2		<2
SOLIDS EPTOXICITY	%					
STYRENE	mg/kg					
SUBSTITUTED CYCLOALKANE	mg/kg					

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-34-10	MW-34-2	MW-34-3	MW-34-4	MW-34-5	SB-15-1	SB-16-1	SB-16-11	SB-16-3	SB-16-
TETRACHLOROETHENE	mg/kg	U	U		U	U	U	U			1
TOLUENE	mg/kg	52	U		U	U	30	U			1
TOTAL CHROMIUM	mg/kg	1900	3800		4500	3300	270	900		5700	650
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg	63	U		U	U	U	U			1
TOXAPHENE	mg/kg				U					U	
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	U		U	U	U	U			1
TRICHLOROETHENE	mg/kg	U	U		U	U	U	U			
VINYL ACETATE	mg/kg	U	U		U	U	U	U			
VINYL CHLORIDE	mg/kg	U	U		U	U	U	U			
ZINC	mg/kg				410					280	

AROUND BUILDING 56 - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-16-9	SB-17-1	SB-17-2	SB-17-3	SB-17-4	B-19-4,5	SB-20-3	SB-22-2	SB-25-11	SB-25-12
TETRACHLOROETHENE	mg/kg		U	U	U		U			U	
TOLUENE	mg/kg		U	U	U		U			12,000	
TOTAL CHROMIUM	mg/kg		6600	7800	3700		2100	290	3300	1420	
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg		U	U	U		U			120,000	
TOXAPHENE	mg/kg										
TRANS-1,3-DICHLOROPROPENE	mg/kg		U	U	U		U			U	
TRICHLOROETHENE	mg/kg		U	U	U		U			U	
VINYL ACETATE	mg/kg		U	U	U		U			U	
VINYL CHLORIDE	mg/kg		U	U	U		U			U	
ZINC	mg/kg								260		

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-25-3	SB-25-7	SB-27-2	SB-27-3	SB-29-1	SB-29-2	SB-30-1	SB-31-2	SB-49-5	SB-49-7
TETRACHLOROETHENE	mg/kg	U	U	U	U	U	U	U	U		
TOLUENE	mg/kg	U	1700 C	U	11,000	U	U	U	U		
TOTAL CHROMIUM	mg/kg	5400	5300	2400	3600	230	740	760	85		2000
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg	U	41,000	U	220,000	U	U	U	U		
TOXAPHENE	mg/kg							U			
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	U	U	U	U	U	U	U		
TRICHLOROETHENE	mg/kg	U	U	U	U	U	U	U	U		
VINYL ACETATE	mg/kg	U	U	U	U	U	U	U	U		
VINYL CHLORIDE	mg/kg	U	U	U	U	U	U	U	U		
ZINC	mg/kg							90			10400

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 4

PARAMETERS	UNITS	SB-50-2	SB-50-9	SB-51-3	SB-52-2	SB-52-4
TETRACHLOROETHENE	mg/kg					
TOLUENE	mg/kg					
TOTAL CHROMIUM	mg/kg	2100	8600		3900	
TOTAL SOLIDS	%					
TOTAL XYLENES	mg/kg					
TOXAPHENE	mg/kg					
TRANS-1,3-DICHLOROPROPENE	mg/kg					
TRICHLOROETHENE	mg/kg					
VINYL ACETATE	mg/kg					
VINYL CHLORIDE	mg/kg					
ZINC	mg/kg				320	

AROUND BUILDING 56 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-34-11	MW-34-13	MW-34-14	SB-18-2	SB-19-6	SB-19-7	SB-19-8	SB-27-5	SB-27-6	SB-27-7
(A-BHC)	mg/kg	U			U			U		U	
(B-BHC)	mg/kg	U			U			U		U	
(D-BHC)	mg/kg	U			U			U		U	
1,1,1-TRICHLOROETHANE	mg/kg	U	U		U	U			U	U	U
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U		U	U			U	U	U
1,1,2-TRICHLOROETHANE	mg/kg	U	U		U	U			U	U	U
1,1-DICHLOROETHANE	mg/kg	U	U		U	U			U	U	U
1,1-DICHLOROETHENE	mg/kg	U	U		U	U			U	U	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg	U			U			U		U	
1,2-DICHLOROBENZENE	mg/kg	U			U			U		710	
1,2-DICHLOROETHANE	mg/kg	U	U		U	U			U	U	U
1,2-DICHLOROETHENE	mg/kg	U	U		U	U			U	U	U
1,2-DICHLOROPROPANE	mg/kg	U	U		U	U			U	U	U
1,3-DICHLOROBENZENE	mg/kg	U			U			U		U	
1,4-DICHLOROBENZENE	mg/kg	U			U			U		U	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg	U			U			U		U	
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg	U			U			U		U	
2,4-DICHLOROPHENOL	mg/kg	U			U			U		U	
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DIMETHYLPHENOL	mg/kg	U			U			U		U	
2,4-DINITROPHENOL	mg/kg	U			U			U			
2,4-DINITROTOLUENE	mg/kg	U			U			U		U	
2,6-DINITROTOLUENE	mg/kg	U			U			U		U	
2-BUTANONE	mg/kg	33	U		U	U			LCB	LCB	U
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U		U	U			U	U	U
2-CHLORONAPHTHALENE	mg/kg	U			U			U		U	
2-CHLOROPHENOL	mg/kg	U			U			U		U	
2-HEXANONE	mg/kg	U	U		U	U			U	U	U
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg	U			U			U		U	
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg	U			U			U		U	
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg	U			U			U		U	
2-NITROPHENOL	mg/kg	U			U			U		U	
3,3'-DICHLOROBENZIDINE	mg/kg	U			U			U		U	
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg	U			U			U		U	
4,4-DDD	mg/kg	U			U			U		U	
4,4-DDE	mg/kg	U			U			U		U	
4,4-DDT	mg/kg	U			U			U		U	
4,6-DINITRO-2-METHYLPHENOL	mg/kg	U			U			U		U	
4-BR-PHENYL PHENYL ETHER	mg/kg	U			U			U		U	
4-CHLOROANILINE	mg/kg	U			U			U		U	
4-CL-PHENYL PHENYL ETHER	mg/kg	U			U			U		U	
4-METHYL-2-PENTANONE	mg/kg	U	U		U	U			U	U	U
4-METHYLPHENOL	mg/kg	U			U			U		U	
4-NITROANILINE	mg/kg	U			U			U		U	
4-NITROPHENOL	mg/kg	U			U			U		U	
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLORDBIPHENYL	mg/kg										

AROUND BUILDING 56 - SAND

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-28-1	SB-28-2	SB-30-3	SB-33-1	SB-33-4	SB-33-7	SB-49-2	SB-53-4	SB-55-1
(A-BHC)	mg/kg									
(B-BHC)	mg/kg									
(D-BHC)	mg/kg									
1,1,1-TRICHLOROETHANE	mg/kg	U					U			
1,1,2,2-TETRACHLOROETHANE	mg/kg	U					U			
1,1,2-TRICHLOROETHANE	mg/kg	U								
1,1-DICHLOROETHANE	mg/kg	U					U			
1,1-DICHLOROETHENE	mg/kg	U					U			
1,1-DIMETHYLCYCLOHEXANE	mg/kg									
1,2,4-TRICHLOROBENZENE	mg/kg									
1,2-DICHLOROBENZENE	mg/kg									
1,2-DICHLOROETHANE	mg/kg	U					U			
1,2-DICHLOROETHENE	mg/kg	U					U			
1,2-DICHLOROPROPANE	mg/kg	U					U			
1,3-DICHLOROBENZENE	mg/kg									
1,4-DICHLOROBENZENE	mg/kg									
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg									
2,4,5-TRICHLOROPHENOL	mg/kg									
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg									
2,4,6-TRICHLOROPHENOL	mg/kg									
2,4-DICHLOROPHENOL	mg/kg									
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg									
2,4-DIMETHYLPHENOL	mg/kg									
2,4-DINITROPHENOL	mg/kg									
2,4-DINITROTOLUENE	mg/kg									
2,6-DINITROTOLUENE	mg/kg									
2-BUTANONE	mg/kg	U					U			
2-CHLOROANILINE	mg/kg									
2-CHLOROETHYL VINYL ETHER	mg/kg	U					U			
2-CHLORONAPHTHALENE	mg/kg									
2-CHLOROPHENOL	mg/kg									
2-HEXANONE	mg/kg	U					U			
2-METHYLHEPTANE	mg/kg									
2-METHYLNAPHTHALENE	mg/kg									
2-METHYLOCTANE	mg/kg									
2-METHYLPHENOL	mg/kg									
2-NAPHTHOL	mg/kg									
2-NITROANILINE	mg/kg									
2-NITROPHENOL	mg/kg									
3,3'-DICHLOROBENZIDINE	mg/kg									
3-METHYLHEPTANE	mg/kg									
3-NITROANILINE	mg/kg									
4,4-DDD	mg/kg									
4,4-DDE	mg/kg									
4,4-DDT	mg/kg									
4,6-DINITRO-2-METHYLPHENOL	mg/kg									
4-BR-PHENYL PHENYL ETHER	mg/kg									
4-CHLOROANILINE	mg/kg									
4-CL-PHENYL PHENYL ETHER	mg/kg									
4-METHYL-2-PENTANONE	mg/kg	U					U			
4-METHYLPHENOL	mg/kg									
4-NITROANILINE	mg/kg									
4-NITROPHENOL	mg/kg									
A C4 SUBST. CYCLOHEXANE	mg/kg									
A DICHLOROBIPHENYL	mg/kg									

AROUND BUILDING 56 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	MW-34-11	MW-34-13	MW-34-14	SB-18-2	SB-19-6	SB-19-7	SB-19-8	SB-27-5	SB-27-6	SB-27-7
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg	U			U			U		U	
ACENAPHTHENE	mg/kg	U			U			U		U	
ACENAPHTHYLENE	mg/kg	U			U			U		U	
ACETONE	mg/kg	53C		LCB	LCB	LCB			U	U	37
ALDRIN	mg/kg	U			U			U		U	
ANTHRACENE	mg/kg	U			U			U		U	
ANTIMONY	mg/kg	<33			<24			<44		<31	
ARSENIC	mg/kg	<7		<5	<6	3.7		<6		3.7	2.3
ARSENIC EPTOXICITY	mg/l		<2.5		<2.5		<2.5		<2.5		
B-ENDOSULFAN	mg/kg	U			U			U		U	
BARIUM	mg/kg	102		25	30	69		53		154	660
BARIUM EPTOXICITY	mg/l		<10		<10		<10		14.1		
BENZENE	mg/kg	U		U	U	U			U	U	7
BENZO(A)ANTHRACENE	mg/kg	U			U			U		U	
BENZO(A)PYRENE	mg/kg	U			U			U		U	
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg	U			U			U		U	
BENZO(GHI)PERYLENE	mg/kg	U			U			U		U	
BENZO(K)FLUORANTHENE	mg/kg	U			U			U		U	
BENZOIC ACID	mg/kg	U			U			U		U	
BENZYL ALCOHOL	mg/kg	U			U			U		U	
BENZYL BUTYL PHTHALATE	mg/kg	U			U			U		U	
BIS(2-CHLOROETHYL) ETHER	mg/kg	U			U			U		U	
BIS(2-CL-ETHOXY) METHANE	mg/kg	U			U			U		U	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg	U			U			U		U	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg	1000			U			U		U	
BROMODICHLOROMETHANE	mg/kg	U		U	U	U			U	U	U
BROMOFORM	mg/kg	U		U	U	U			U	U	U
BROMOMETHANE	mg/kg	U		U	U	U			U	U	U
C10H16 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	4.4		1.53	2.1	2.5		1.79		3.4	10.1
CADMIUM EPTOXICITY	mg/l		<0.5		<0.5		<0.5		0.9		
CARBON DISULFIDE	mg/kg	U		U	U	U			U	U	5
CARBON TETRACHLORIDE	mg/kg	U		U	U	U			U	U	3
CHLORDANE	mg/kg	U			U			U		U	
CHLOROBENZENE	mg/kg	U		U	U	U			17,000	6,300	1,400
CHLOROETHANE	mg/kg	U		U	U	U			U	U	4
CHLOROFORM	mg/kg	U		U	U	U			U	U	6
CHLOROMETHANE	mg/kg	U		U	U	U			U	U	3
CHROMIUM EPTOXICITY	mg/l		<2.5		<2.5		<2.5		<2.5		
CHRYSENE	mg/kg	U			U			U		U	
CIS-1,3-DICHLOROPROPENE	mg/kg	U		U	U	U			U	U	U
COPPER	mg/kg	17.3			5.7			8.2		4.6	
CYANIDE	mg/kg										
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg	U			U			U		U	
DI-N-OCTYL PHTHALATE	mg/kg	U			U			U		U	
DIBENZO(AH)ANTHRACENE	mg/kg	U			U			U		U	
DIBENZOFURAN	mg/kg	U			U			U		U	
DIBROMOCHLOROMETHANE	mg/kg	U		U	U	U			U	U	5
DIELDRIN	mg/kg	U			U			U		U	
DIETHYL PHTHALATE	mg/kg	U			U			U		U	

AROUND BUILDING 56 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-28-1	SB-28-2	SB-30-3	SB-33-1	SB-33-4	SB-33-7	SB-49-2	SB-53-4	SB-55-1
A DIMETHYLCYCLOHEXANE	mg/kg									
A TRIMETHYLCYCLOHEXANE	mg/kg									
A-ENDOSULFAN	mg/kg									
ACENAPHTHENE	mg/kg									
ACENAPHTHYLENE	mg/kg									
ACETONE	mg/kg	LCB					LCB			
ALDRIN	mg/kg									
ANTHRACENE	mg/kg									
ANTIMONY	mg/kg									
ARSENIC	mg/kg	<5					7.1	11.4	3.7	2.6
ARSENIC EPTOXICITY	mg/l		<2.5	<2.5	<2.5	<2.5				
B-ENDOSULFAN	mg/kg									
BARIUM	mg/kg	19.30					199	5500	30	27
BARIUM EPTOXICITY	mg/l		<10	<10	<10	<10				
BENZENE	mg/kg	U					U			
BENZO(A)ANTHRACENE	mg/kg									
BENZO(A)PYRENE	mg/kg									
BENZO(B)FLOURANTHENE	mg/kg									
BENZO(B)FLUORANTHENE	mg/kg									
BENZO(GHI)PERYLENE	mg/kg									
BENZO(K)FLUORANTHENE	mg/kg									
BENZOIC ACID	mg/kg									
BENZYL ALCOHOL	mg/kg									
BENZYL BUTYL PHTHALATE	mg/kg									
BIS(2-CHLOROETHYL) ETHER	mg/kg									
BIS(2-CL-ETHOXY) METHANE	mg/kg									
BIS(2-CL-ISOPROPYL) ETHER	mg/kg									
BIS(2-ET-HEXYL) PHTHALATE	mg/kg									
BROMODICHLOROMETHANE	mg/kg	U					U			
BROMOFORM	mg/kg	U					U			
BROMOMETHANE	mg/kg	U					U			
C10H18 HYDROCARBON	mg/kg									
C11 SATURATED HYDROCARBON	mg/kg									
C9 SATURATED HYDROCARBON	mg/kg									
CADMIUM	mg/kg	2.2					5.0	33	1.97	1.66
CADMIUM EPTOXICITY	mg/l		<0.5	<0.5	<0.5	<0.5				
CARBON DISULFIDE	mg/kg	U					U			
CARBON TETRACHLORIDE	mg/kg	U					U			
CHLORDANE	mg/kg									
CHLOROBENZENE	mg/kg	U					U			
CHLOROETHANE	mg/kg	U					U			
CHLOROFORM	mg/kg	U					U			
CHLOROMETHANE	mg/kg	U					U			
CHROMIUM EPTOXICITY	mg/l		<2.5	<2.5	<2.5	<2.5				
CHRYSENE	mg/kg									
CIS-1,3-DICHLOROPROPENE	mg/kg	U					U			
COPPER	mg/kg									
CYANIDE	mg/kg				3.0	42	31			
DECANE	mg/kg									
DI-N-BUTYL PHTHALATE	mg/kg									
DI-N-OCTYL PHTHALATE	mg/kg									
DIBENZO(AH)ANTHRACENE	mg/kg									
DIBENZOFURAN	mg/kg									
DIBROMOCHLOROMETHANE	mg/kg	U					U			
DIELDRIN	mg/kg									
DIETHYL PHTHALATE	mg/kg									

AROUND BUILDING 56 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-34-11	MW-34-13	MW-34-14	SB-18-2	SB-19-6	SB-19-7	SB-19-8	SB-27-5	SB-27-6	SB-27-7
DIMETHYL PHTHALATE	mg/kg	U			U			U		U	
ENDOSULFAN SULFATE	mg/kg	U			U			U		U	
ENDRIN	mg/kg	U			U			U		U	
ENDRIN ALDEHYDE	mg/kg	U			U			U		U	
ENDRIN KETONE	mg/kg	U			U			U		U	
ETHYLBENZENE	mg/kg	U		U	U						
FLUORANTHENE	mg/kg	160J			U			U		U	
FLUORENE	mg/kg	U			U			U		U	
FLUORIDE	mg/kg	300		310	320	320		290		440	390
HEPTACHLOR	mg/kg	U			U			U		U	
HEPTACHLOR EPOXIDE	mg/kg	U			U			U		U	
HEXACHLORO-BUTADIENE	mg/kg	U			U			U		U	
HEXACHLORO-CYCLOPENTADIENE	mg/kg	U			U			U		U	
HEXACHLOROBENZENE	mg/kg	U			U			U		U	
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg	<0.7			<0.6			<0.7		<0.7	
INDENO(1,2,3-CD)PYRENE	mg/kg	U			U			U		U	
ISOPHORONE	mg/kg	U			U			U		U	
LEAD	mg/kg	89		1.83	2.8	63		3.2		4.9	47
LEAD EPTOXICITY	mg/l		<2.5		<2.5		<2.5		<2.5		
LINDANE	mg/kg	U			U			U		U	
MAGNESIUM	mg/kg	7900			1810			2500		2500	
MANGANESE	mg/kg	196			112			179		94	
MERCURY	mg/kg	.41		<0.2	0.70	1.01		<0.4		<0.3	<0.3
MERCURY EPTOXICITY	mg/l		<0.04		<0.04		<0.04		<0.04		
METHOXYCHLOR	mg/kg	U			U			U		U	
METHYLENE CHLORIDE	mg/kg	LCB		LCB	LCB	LCB			LCB	LCB	LCB
MOLYBDENUM	mg/kg	<50			<35			<65		<46	
N-NITROSODIPHENYLAMINE	mg/kg	U			U			U		U	
N-NITROSODIPROPYLAMINE	mg/kg	U			U			U		U	
NAPHTHALENE	mg/kg	U			U			U		U	
NITROBENZENE	mg/kg	U			U			U		U	
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg								4,600		1,600
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg	U			U					U	
PCB-1016	mg/kg	U			U			U		U	
PCB-1221	mg/kg	U			U			U		U	
PCB-1232	mg/kg	U			U			U		U	
PCB-1242	mg/kg	U			U			U		U	
PCB-1248	mg/kg	U			U			U		U	
PCB-1254	mg/kg	U			U			U		U	
PCB-1260	mg/kg	U			U			U		U	
PENTACHLOROPHENOL	mg/kg	U			U			U		U	
PERCENT SOLIDS	%	73.1		78.1	83.2	76.0		80.6		73.6	77.6
PHENANTHRENE	mg/kg	U			U			U		U	
PHENOL	ug/kg	U			U			U		U	
PYRENE	mg/kg	160J			U			U		U	
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<4		<3	<3	<4		<3		<4	<3
SELENIUM EPTOXICITY	mg/l		<1		<1		<1		<1		
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l		<2		<2		<2		<2		
SOLIDS EPTOXICITY	%		74.8				71.0		76.4		
STYRENE	mg/kg	U		U	U	U			U	U	U
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-28-1	SB-28-2	SB-30-3	SB-33-1	SB-33-4	SB-33-7	SB-49-2	SB-53-4	SB-55-1
DIMETHYL PHTHALATE	mg/kg									
ENDOSULFAN SULFATE	mg/kg									
ENDRIN	mg/kg									
ENDRIN ALDEHYDE	mg/kg									
ENDRIN KETONE	mg/kg									
ETHYLBENZENE	mg/kg	U					U			
FLUORANTHENE	mg/kg									
FLUORENE	mg/kg									
FLUORIDE	mg/kg	240					530	161		240
HEPTACHLOR	mg/kg									
HEPTACHLOR EPOXIDE	mg/kg									
HEXACHLORO-BUTADIENE	mg/kg									
HEXACHLORO-CYCLOPENTADIENE	mg/kg									
HEXACHLOROBENZENE	mg/kg									
HEXACHLOROETHANE	mg/kg									
HEXAVALENT CHROMIUM	mg/kg									
INDENO(1,2,3-CD)PYRENE	mg/kg									
ISOPHORONE	mg/kg									
LEAD	mg/kg	3.9					30	35000	24	77
LEAD EPTOXICITY	mg/l		<2.5	<2.5	<2.5	<2.5				
LINDANE	mg/kg									
MAGNESIUM	mg/kg									
MANGANESE	mg/kg									
MERCURY	mg/kg	<0.2					0.23	0.39	<0.4	<0.2
MERCURY EPTOXICITY	mg/l		<0.04	<0.04	<0.04	<0.04				
METHOXYCHLOR	mg/kg									
METHYLENE CHLORIDE	mg/kg	LCB					LCB			
MOLYBDENUM	mg/kg									
N-NITROSODIPHENYLAMINE	mg/kg									
N-NITROSODIPROPYLAMINE	mg/kg									
NAPHTHALENE	mg/kg									
NITROBENZENE	mg/kg									
NONANE	mg/kg									
O-DICHLOROBENZENE	mg/kg									
OCTANE	mg/kg									
P-CHLORO-M-CRESOL	mg/kg									
PCB-1016	mg/kg									
PCB-1221	mg/kg									
PCB-1232	mg/kg									
PCB-1242	mg/kg									
PCB-1248	mg/kg									
PCB-1254	mg/kg									
PCB-1260	mg/kg									
PENTACHLOROPHENOL	mg/kg									
PERCENT SOLIDS	%	86.7					72.1	77.0	78.8	81.8
PHENANTHRENE	mg/kg									
PHENOL	ug/kg									
PYRENE	mg/kg									
SATURATED HYDROCARBON	ug/kg									
SELENIUM	mg/kg	<3					<3	2.8	<3	<3
SELENIUM EPTOXICITY	mg/l		<1	<1	<1	<1				
SILVER	mg/kg									
SILVER EPTOXICITY	mg/l		<2	<2	<2	<2				
SOLIDS EPTOXICITY	%		70.4	81.4	91.2	79.1				
STYRENE	mg/kg	U					U			
SUBSTITUTED CYCLOALKANE	mg/kg									

AROUND BUILDING 56 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-34-11	MW-34-13	MW-34-14	SB-18-2	SB-19-6	SB-19-7	SB-19-8	SB-27-5	SB-27-6	SB-27-7
TETRACHLOROETHENE	mg/kg	U		U	U	U			U	U	U
TOLUENE	mg/kg	U		U	LCB	U			LCB	LCB	43
TOTAL CHROMIUM	mg/kg	4600		2000	69	1280		740		1170	1160
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg	U		U	U	U			2,000	190 J	760
TOXAPHENE	mg/kg	U			U			U		U	
TRANS-1,3-DICHLOROPROPENE	mg/kg	U		U	U	U			U	U	U
TRICHLOROETHENE	mg/kg	U		U	U	U			U	U	U
VINYL ACETATE	mg/kg	U		U	U	U			U	U	U
VINYL CHLORIDE	mg/kg	U		U	U	U			U	U	U
ZINC	mg/kg	114			25			35		39	

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-28-1	SB-28-2	SB-30-3	SB-33-1	SB-33-4	SB-33-7	SB-49-2	SB-53-4	SB-55-1
TETRACHLOROETHENE	mg/kg	U					U			
TOLUENE	mg/kg	U					U			
TOTAL CHROMIUM	mg/kg	14.2					40	6900	430	200
TOTAL SOLIDS	%									
TOTAL XYLENES	mg/kg	U					U			
TOXAPHENE	mg/kg									
TRANS-1,3-DICHLOROPROPENE	mg/kg	U					U			
TRICHLOROETHENE	mg/kg	U					U			
VINYL ACETATE	mg/kg	U					U			
VINYL CHLORIDE	mg/kg	U					U			
ZINC	mg/kg									

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	B-31-5,6
(A-BHC)	mg/kg	
(B-BHC)	mg/kg	
(D-BHC)	mg/kg	
1,1,1-TRICHLORDETHANE	mg/kg	U
1,1,2,2-TETRACHLORDETHANE	mg/kg	U
1,1,2-TRICHLORDETHANE	mg/kg	U
1,1-DICHLORDETHANE	mg/kg	U
1,1-DICHLORDETHENE	mg/kg	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg	
1,2,4-TRICHLOROBENZENE	mg/kg	
1,2-DICHLOROBENZENE	mg/kg	
1,2-DICHLORDETHANE	mg/kg	U
1,2-DICHLORDETHENE	mg/kg	U
1,2-DICHLOROPROPANE	mg/kg	U
1,3-DICHLOROBENZENE	mg/kg	
1,4-DICHLOROBENZENE	mg/kg	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg	
2,4,5-TRICHLOROPHENOL	mg/kg	
2,4,5-TRICHLORDPHENOXYPROPIONIC	mg/kg	
2,4,6-TRICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOL	mg/kg	
2,4-DICHLORDPHENOXYACETIC ACID	mg/kg	
2,4-DIMETHYLPHENOL	mg/kg	
2,4-DINITROPHENOL	mg/kg	
2,4-DINITROTOLUENE	mg/kg	
2,6-DINITROTOLUENE	mg/kg	
2-BUTANONE	mg/kg	U
2-CHLOROANILINE	mg/kg	
2-CHLOROETHYL VINYL ETHER	mg/kg	U
2-CHLORONAPHTHALENE	mg/kg	
2-CHLOROPHENOL	mg/kg	
2-HEXANONE	mg/kg	U
2-METHYLHEPTANE	mg/kg	
2-METHYLNAPHTHALENE	mg/kg	
2-METHYLOCTANE	mg/kg	
2-METHYLPHENOL	mg/kg	
2-NAPHTHOL	mg/kg	
2-NITROANILINE	mg/kg	
2-NITROPHENOL	mg/kg	
3,3'-DICHLOROBENZIDINE	mg/kg	
3-METHYLHEPTANE	mg/kg	
3-NITROANILINE	mg/kg	
4,4-DDD	mg/kg	
4,4-DDE	mg/kg	
4,4-DDT	mg/kg	
4,6-DINITRO-2-METHYLPHENOL	mg/kg	
4-BR-PHENYL PHENYL ETHER	mg/kg	
4-CHLOROANILINE	mg/kg	
4-CL-PHENYL PHENYL ETHER	mg/kg	
4-METHYL-2-PENTANONE	mg/kg	U
4-METHYLPHENOL	mg/kg	
4-NITROANILINE	mg/kg	
4-NITROPHENOL	mg/kg	
A C4 SUBST. CYCLOHEXANE	mg/kg	
A DICHLOROBIPHENYL	mg/kg	

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS

PARAMETERS	UNITS	B-31-5,6
A DIMETHYLCYCLOHEXANE	mg/kg	
A TRIMETHYLCYCLOHEXANE	mg/kg	
A-ENDOSULFAN	mg/kg	
ACENAPHTHENE	mg/kg	
ACENAPHTHYLENE	mg/kg	
ACETONE	mg/kg	LCB
ALDRIN	mg/kg	
ANTHRACENE	mg/kg	
ANTIMONY	mg/kg	
ARSENIC	mg/kg	2.8
ARSENIC EPTOXICITY	mg/l	
B-ENDOSULFAN	mg/kg	
BARIUM	mg/kg	92
BARIUM EPTOXICITY	mg/l	
BENZENE	mg/kg	U
BENZO(A)ANTHRACENE	mg/kg	
BENZO(A)PYRENE	mg/kg	
BENZO(B)FLOURANTHENE	mg/kg	
BENZO(B)FLUORANTHENE	mg/kg	
BENZO(GHI)PERYLENE	mg/kg	
BENZO(K)FLUORANTHENE	mg/kg	
BENZOIC ACID	mg/kg	
BENZYL ALCOHOL	mg/kg	
BENZYL BUTYL PHTHALATE	mg/kg	
BIS(2-CHLOROETHYL) ETHER	mg/kg	
BIS(2-CL-ETHOXY) METHANE	mg/kg	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg	
BROMODICHLOROMETHANE	mg/kg	U
BROMOFORM	mg/kg	U
BROMOMETHANE	mg/kg	U
C10-13 HYDROCARBON	mg/kg	
C11 SATURATED HYDROCARBON	mg/kg	
C9 SATURATED HYDROCARBON	mg/kg	
CADMIUM	mg/kg	12.3
CADMIUM EPTOXICITY	mg/l	
CARBON DISULFIDE	mg/kg	U
CARBON TETRACHLORIDE	mg/kg	U
CHLORDANE	mg/kg	
CHLOROBENZENE	mg/kg	U
CHLOROETHANE	mg/kg	U
CHLOROFORM	mg/kg	U
CHLOROMETHANE	mg/kg	U
CHROMIUM EPTOXICITY	mg/l	
CHRYSENE	mg/kg	
CIS-1,3-DICHLOROPROPENE	mg/kg	U
COPPER	mg/kg	
CYANIDE	mg/kg	
DECANE	mg/kg	
DI-N-BUTYL PHTHALATE	mg/kg	
DI-N-OCTYL PHTHALATE	mg/kg	
DIBENZO(AH)ANTHRACENE	mg/kg	
DIBENZOFURAN	mg/kg	
DIBROMOCHLOROMETHANE	mg/kg	U
DIELDRIN	mg/kg	
DIETHYL PHTHALATE	mg/kg	

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	B-31-5,6
DIMETHYL PHTHALATE	mg/kg	
ENDOSULFAN SULFATE	mg/kg	
ENDRIN	mg/kg	
ENDRIN ALDEHYDE	mg/kg	
ENDRIN KETONE	mg/kg	
ETHYLBENZENE	mg/kg	
FLUORANTHENE	mg/kg	
FLUORENE	mg/kg	
FLUORIDE	mg/kg	340
HEPTACHLOR	mg/kg	
HEPTACHLOR EPOXIDE	mg/kg	
HEXACHLORO-BUTADIENE	mg/kg	
HEXACHLORO-CYCLOPENTADIENE	mg/kg	
HEXACHLOROBENZENE	mg/kg	
HEXACHLOROETHANE	mg/kg	
HEXAVALENT CHROMIUM	mg/kg	
INDENO(1,2,3-CD)PYRENE	mg/kg	
ISOPHORONE	mg/kg	
LEAD	mg/kg	34
LEAD EPTOXICITY	mg/l	
LINDANE	mg/kg	
MAGNESIUM	mg/kg	
MANGANESE	mg/kg	
MERCURY	mg/kg	6.0
MERCURY EPTOXICITY	mg/l	
METHOXYCHLOR	mg/kg	
METHYLENE CHLORIDE	mg/kg	LCB
MOLYBDENUM	mg/kg	
N-NITROSODIPHENYLAMINE	mg/kg	
N-NITROSODIPROPYLAMINE	mg/kg	
NAPHTHALENE	mg/kg	
NITROBENZENE	mg/kg	
NONANE	mg/kg	
O-DICHLOROBENZENE	mg/kg	
OCTANE	mg/kg	
P-CHLORO-M-CRESOL	mg/kg	
PCB-1016	mg/kg	
PCB-1221	mg/kg	
PCB-1232	mg/kg	
PCB-1242	mg/kg	
PCB-1248	mg/kg	
PCB-1254	mg/kg	
PCB-1260	mg/kg	
PENTACHLOROPHENOL	mg/kg	
PERCENT SOLIDS	%	82.3
PHENANTHRENE	mg/kg	
PHENOL	ug/kg	
PYRENE	mg/kg	
SATURATED HYDROCARBON	ug/kg	
SELENIUM	mg/kg	<3
SELENIUM EPTOXICITY	mg/l	
SILVER	mg/kg	
SILVER EPTOXICITY	mg/l	
SOLIDS EPTOXICITY	%	
STYRENE	mg/kg	U
SUBSTITUTED CYCLOALKANE	mg/kg	

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS B-31-5,6
TETRACHLOROETHENE	mg/kg	U
TOLUENE	mg/kg	LCB
TOTAL CHROMIUM	mg/kg	71
TOTAL SOLIDS	%	
TOTAL XYLENES	mg/kg	U
TOXAPHENE	mg/kg	
TRANS-1,3-DICHLOROPROPENE	mg/kg	U
TRICHLOROETHENE	mg/kg	U
VINYL ACETATE	mg/kg	U
VINYL CHLORIDE	mg/kg	U
ZINC	mg/kg	

AROUND BUILDING 56 - CLAY

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-15-3	SB-15-4	SB-18-4	SB-19-10	SB-21-1	SB-27-8	SB-28-3	SB-28-4	SB-33-2	SB-51-4
(A-BHC)	mg/kg							U			
(B-BHC)	mg/kg							U			
(D-BHC)	mg/kg							U			
1,1,1-TRICHLOROETHANE	mg/kg	U	U	U			U	U	U	U	
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U	U			U	U	U	U	
1,1,2-TRICHLOROETHANE	mg/kg	U	U	U			U	U	U	U	
1,1-DICHLOROETHANE	mg/kg	U	U	U			12	U	U	U	
1,1-DICHLOROETHENE	mg/kg	U	U	U			16	U	U	U	
1,1-DIMETHYLCYCLOHEXANE	mg/kg										
1,2,4-TRICHLOROBENZENE	mg/kg							U			
1,2-DICHLOROBENZENE	mg/kg							U			
1,2-DICHLOROETHANE	mg/kg	U	U	U			U	U	U	U	
1,2-DICHLOROETHENE	mg/kg	U	U	U			U	U	U	U	
1,2-DICHLOROPROPANE	mg/kg	U	U	U			U	U	U	U	
1,3-DICHLOROBENZENE	mg/kg							U			
1,4-DICHLOROBENZENE	mg/kg							U			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg										
2,4,5-TRICHLOROPHENOL	mg/kg							U			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg										
2,4,6-TRICHLOROPHENOL	mg/kg							U			
2,4-DICHLOROPHENOL	mg/kg							U			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg										
2,4-DINETHYLPHENOL	mg/kg							U			
2,4-DINITROPHENOL	mg/kg							U			
2,4-DINITROTOLUENE	mg/kg							U			
2,6-DINITROTOLUENE	mg/kg							U			
2-BUTANONE	mg/kg	LCB	U	U			U	U	U	U	
2-CHLOROANILINE	mg/kg										
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U	U			U	U	U	U	
2-CHLORONAPHTHALENE	mg/kg							U			
2-CHLOROPHENOL	mg/kg							U			
2-HEXANONE	mg/kg	U	U	U			U	U	U	U	
2-METHYLHEPTANE	mg/kg										
2-METHYLNAPHTHALENE	mg/kg							U			
2-METHYLOCTANE	mg/kg										
2-METHYLPHENOL	mg/kg							U			
2-NAPHTHOL	mg/kg										
2-NITROANILINE	mg/kg							U			
2-NITROPHENOL	mg/kg							U			
3,3'-DICHLOROBENZIDINE	mg/kg							U			
3-METHYLHEPTANE	mg/kg										
3-NITROANILINE	mg/kg							U			
4,4-DDD	mg/kg							U			
4,4-DDE	mg/kg							U			
4,4-DDT	mg/kg							U			
4,6-DINITRO-2-METHYLPHENOL	mg/kg							U			
4-BR-PHENYL PHENYL ETHER	mg/kg							U			
4-CHLOROANILINE	mg/kg							U			
4-CL-PHENYL PHENYL ETHER	mg/kg							U			
4-METHYL-2-PENTANONE	mg/kg	U	U	U			U	U	U	U	
4-METHYLPHENOL	mg/kg							U			
4-NITROANILINE	mg/kg							U			
4-NITROPHENOL	mg/kg							U			
A C4 SUBST. CYCLOHEXANE	mg/kg										
A DICHLOROBIPHENYL	mg/kg										

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-56-6	SB-56-7
(A-BHC)	mg/kg		
(B-BHC)	mg/kg		
(D-BHC)	mg/kg		
1,1,1-TRICHLOROETHANE	mg/kg		
1,1,2,2-TETRACHLOROETHANE	mg/kg		
1,1,2-TRICHLOROETHANE	mg/kg		
1,1-DICHLOROETHANE	mg/kg		
1,1-DICHLOROETHENE	mg/kg		
1,1-DIMETHYLCYCLOHEXANE	mg/kg		
1,2,4-TRICHLOROBENZENE	mg/kg		
1,2-DICHLOROBENZENE	mg/kg		
1,2-DICHLOROETHANE	mg/kg		
1,2-DICHLOROETHENE	mg/kg		
1,2-DICHLOROPROPANE	mg/kg		
1,3-DICHLOROBENZENE	mg/kg		
1,4-DICHLOROBENZENE	mg/kg		
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg		
2,4,5-TRICHLOROPHENOL	mg/kg		
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg		
2,4,6-TRICHLOROPHENOL	mg/kg		
2,4-DICHLOROPHENOL	mg/kg		
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg		
2,4-DIMETHYLPHENOL	mg/kg		
2,4-DINITROPHENOL	mg/kg		
2,4-DINITROTOLUENE	mg/kg		
2,6-DINITROTOLUENE	mg/kg		
2-BUTANONE	mg/kg		
2-CHLOROANILINE	mg/kg		
2-CHLOROETHYL VINYL ETHER	mg/kg		
2-CHLORONAPHTHALENE	mg/kg		
2-CHLOROPHENOL	mg/kg		
2-HEXANONE	mg/kg		
2-METHYLHEPTANE	mg/kg		
2-METHYLNAPHTHALENE	mg/kg		
2-METHYLOCTANE	mg/kg		
2-METHYLPHENOL	mg/kg		
2-NAPHTHOL	mg/kg		
2-NITROANILINE	mg/kg		
2-NITROPHENOL	mg/kg		
3,3'-DICHLOROBENZIDINE	mg/kg		
3-METHYLHEPTANE	mg/kg		
3-NITROANILINE	mg/kg		
4,4-DDD	mg/kg		
4,4-DDE	mg/kg		
4,4-DDT	mg/kg		
4,6-DINITRO-2-METHYLPHENOL	mg/kg		
4-BR-PHENYL PHENYL ETHER	mg/kg		
4-CHLOROANILINE	mg/kg		
4-CL-PHENYL PHENYL ETHER	mg/kg		
4-METHYL-2-PENTANONE	mg/kg		
4-METHYLPHENOL	mg/kg		
4-NITROANILINE	mg/kg		
4-NITROPHENOL	mg/kg		
A C4 SUBST. CYCLOHEXANE	mg/kg		
A DICHLOROBIPHENYL	mg/kg		

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-15-3	SB-15-4	SB-18-4	SB-19-10	SB-21-1	SB-27-8	SB-28-3	SB-28-4	SB-33-2	SB-51-4
A DIMETHYLCYCLOHEXANE	mg/kg										
A TRIMETHYLCYCLOHEXANE	mg/kg										
A-ENDOSULFAN	mg/kg							U			
ACENAPHTHENE	mg/kg							U			
ACENAPHTHYLENE	mg/kg							U			
ACETONE	mg/kg	LCB	LCB	LCB			U	LCB	LCB	LCB	
ALDRIN	mg/kg							U			
ANTHRACENE	mg/kg							U			
ANTIMONY	mg/kg							<35			
ARSENIC	mg/kg	8.2	<4	11.2	11.2	17.5	11.2	9.9	14.3	<7	12.1
ARSENIC EPTOXICITY	mg/l	<2.5					<2.5				
B-ENDOSULFAN	mg/kg							U			
BARIUM	mg/kg	138	33	150	210	162	240	118	125	145	129
BARIUM EPTOXICITY	mg/l	<10					<10				
BENZENE	mg/kg	U	U	U			3 J	U	U	U	
BENZO(A)ANTHRACENE	mg/kg							U			
BENZO(A)PYRENE	mg/kg							220J			
BENZO(B)FLOURANTHENE	mg/kg										
BENZO(B)FLUORANTHENE	mg/kg							U			
BENZO(GHI)PERYLENE	mg/kg							320J			
BENZO(K)FLUORANTHENE	mg/kg							U			
BENZOIC ACID	mg/kg							U			
BENZYL ALCOHOL	mg/kg							U			
BENZYL BUTYL PHTHALATE	mg/kg							U			
BIS(2-CHLOROETHYL) ETHER	mg/kg							U			
BIS(2-CL-ETHOXY) METHANE	mg/kg							U			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg							U			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg							U			
BROMODICHLOROMETHANE	mg/kg	U	U	U			U	U	U	U	
BROMOFORM	mg/kg	U	U	U			U	U	U	U	
BROMOMETHANE	mg/kg	U	U	U			U	U	U	U	
C10H18 HYDROCARBON	mg/kg										
C11 SATURATED HYDROCARBON	mg/kg										
C9 SATURATED HYDROCARBON	mg/kg										
CADMIUM	mg/kg	4.8	2.4	4.8	3.6	3.6	6.9	3.7	4.0	4.7	5.1
CADMIUM EPTOXICITY	mg/l	<0.5					<0.5				
CARBON DISULFIDE	mg/kg	U	U	U			U	U	U	U	
CARBON TETRACHLORIDE	mg/kg	U	U	U			U	U	U	U	
CHLORDANE	mg/kg							U			
CHLOROBENZENE	mg/kg	U	U	U			1,100	U	U	U	
CHLOROETHANE	mg/kg	U	U	U			U	U	U	U	
CHLOROFORM	mg/kg	U	4J	4J			U	U	U	U	
CHLOROMETHANE	mg/kg	U	U	U			U	U	U	U	
CHROMIUM EPTOXICITY	mg/l	<2.5					<2.5				
CHRYSENE	mg/kg							410			
CIS-1,3-DICHLOROPROPENE	mg/kg	U	U	U			U	U	U	U	
COPPER	mg/kg							21			
CYANIDE	mg/kg									29	
DECANE	mg/kg										
DI-N-BUTYL PHTHALATE	mg/kg							U			
DI-N-OCTYL PHTHALATE	mg/kg							U			
DIBENZO(AH)ANTHRACENE	mg/kg							U			
DIBENZOFURAN	mg/kg							U			
DIBROMOCHLOROMETHANE	mg/kg	U	U	U			U	U	U	U	
DIELDRIN	mg/kg							U			
DIETHYL PHTHALATE	mg/kg							U			

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 2

PARAMETERS	UNITS	SB-56-6	SB-56-7
A DIMETHYLCYCLOHEXANE	mg/kg		
A TRIMETHYLCYCLOHEXANE	mg/kg		
A-ENDOSULFAN	mg/kg		
ACENAPHTHENE	mg/kg		
ACENAPHTHYLENE	mg/kg		
ACETONE	mg/kg		
ALDRIN	mg/kg		
ANTHRACENE	mg/kg		
ANTIMONY	mg/kg		
ARSENIC	mg/kg		
ARSENIC EPTOXICITY	mg/l	<2.5	<2.5
B-ENDOSULFAN	mg/kg		
BARIUM	mg/kg		
BARIUM EPTOXICITY	mg/l	<10	<10
BENZENE	mg/kg		
BENZO(A)ANTHRACENE	mg/kg		
BENZO(A)PYRENE	mg/kg		
BENZO(B)FLOURANTHENE	mg/kg		
BENZO(B)FLUORANTHENE	mg/kg		
BENZO(GHI)PERYLENE	mg/kg		
BENZO(K)FLUORANTHENE	mg/kg		
BENZOIC ACID	mg/kg		
BENZYL ALCOHOL	mg/kg		
BENZYL BUTYL PHTHALATE	mg/kg		
BIS(2-CHLOROETHYL) ETHER	mg/kg		
BIS(2-CL-ETHOXY) METHANE	mg/kg		
BIS(2-CL-ISOPROPYL) ETHER	mg/kg		
BIS(2-ET-HEXYL) PHTHALATE	mg/kg		
BROMODICHLOROMETHANE	mg/kg		
BROMOFORM	mg/kg		
BROMOMETHANE	mg/kg		
C10H18 HYDROCARBON	mg/kg		
C11 SATURATED HYDROCARBON	mg/kg		
C9 SATURATED HYDROCARBON	mg/kg		
CADMIUM	mg/kg		
CADMIUM EPTOXICITY	mg/l	<0.5	<0.5
CARBON DISULFIDE	mg/kg		
CARBON TETRACHLORIDE	mg/kg		
CHLORDANE	mg/kg		
CHLOROBENZENE	mg/kg		
CHLOROETHANE	mg/kg		
CHLOROFORM	mg/kg		
CHLOROMETHANE	mg/kg		
CHROMIUM EPTOXICITY	mg/l	<2.5	<2.5
CHRYSENE	mg/kg		
CIS-1,3-DICHLOROPROPENE	mg/kg		
COPPER	mg/kg		
CYANIDE	mg/kg		
DECANE	mg/kg		
DI-N-BUTYL PHTHALATE	mg/kg		
DI-N-OCTYL PHTHALATE	mg/kg		
DIBENZO(AH)ANTHRACENE	mg/kg		
DIBENZOFURAN	mg/kg		
DIBROMOCHLOROMETHANE	mg/kg		
DIELDRIN	mg/kg		
DIETHYL PHTHALATE	mg/kg		

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-15-3	SB-15-4	SB-18-4	SB-19-10	SB-21-1	SB-27-8	SB-28-3	SB-28-4	SB-33-2	SB-51-4
DIMETHYL PHTHALATE	mg/kg							U			
ENDOSULFAN SULFATE	mg/kg							U			
ENDRIN	mg/kg							U			
ENDRIN ALDEHYDE	mg/kg							U			
ENDRIN KETONE	mg/kg							U			
ETHYLBENZENE	mg/kg	U	U	U				U	U	U	
FLUORANTHENE	mg/kg							U			
FLUORENE	mg/kg							U			
FLUORIDE	mg/kg	420	350	410	670	300	630	670	630	480	460
HEPTACHLOR	mg/kg							U			
HEPTACHLOR EPOXIDE	mg/kg							U			
HEXACHLORO-BUTADIENE	mg/kg							U			
HEXACHLORO-CYCLOPENTADIENE	mg/kg							U			
HEXACHLOROBENZENE	mg/kg							U			
HEXACHLOROETHANE	mg/kg										
HEXAVALENT CHROMIUM	mg/kg							<0.7			
INDENO(1,2,3-CD)PYRENE	mg/kg							U			
ISOPHORONE	mg/kg							U			
LEAD	mg/kg	9.3	1.79	37	34	45	40	25	24	37	28
LEAD EPTOXICITY	mg/l	<2.5					<2.5				
LINDANE	mg/kg							U			
MAGNESIUM	mg/kg							12300			
MANGANESE	mg/kg							550			
MERCURY	mg/kg	0.160	<0.3	<0.3	<0.4	<0.1	<0.3	<0.2	<0.2	<0.2	<0.2
MERCURY EPTOXICITY	mg/l	<0.04					<0.04				
METHOXYCHLOR	mg/kg							U			
METHYLENE CHLORIDE	mg/kg	LCB	LCB	LCB			LCB	LCB	LCB	LCB	
MOLYBDENUM	mg/kg							<53			
N-NITROSODIPHENYLAMINE	mg/kg							U			
N-NITROSODIPROPYLAMINE	mg/kg							U			
NAPHTHALENE	mg/kg							U			
NITROBENZENE	mg/kg							U			
NONANE	mg/kg										
O-DICHLOROBENZENE	mg/kg						120				
OCTANE	mg/kg										
P-CHLORO-M-CRESOL	mg/kg							U			
PCB-1016	mg/kg							U			
PCB-1221	mg/kg							U			
PCB-1232	mg/kg							U			
PCB-1242	mg/kg							U			
PCB-1248	mg/kg							U			
PCB-1254	mg/kg							U			
PCB-1260	mg/kg							U			
PENTACHLOROPHENOL	mg/kg							U			
PERCENT SOLIDS	%	79.0	83.8	68.3	66.8	78.2	70.4	73.2	72.9	77.2	70.6
PHENANTHRENE	mg/kg							980			
PHENOL	ug/kg							U			
PYRENE	mg/kg							350			
SATURATED HYDROCARBON	ug/kg										
SELENIUM	mg/kg	<4	<2	<4	<4	<3	<4	<3	<3	<4	<3
SELENIUM EPTOXICITY	mg/l	<1					<1				
SILVER	mg/kg										
SILVER EPTOXICITY	mg/l	<2					<2				
SOLIDS EPTOXICITY	%						70.4				
STYRENE	mg/kg	U	U	U			U	U	U	U	
SUBSTITUTED CYCLOALKANE	mg/kg										

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-56-6	SB-56-7
DIMETHYL PHTHALATE	mg/kg		
ENDOSULFAN SULFATE	mg/kg		
ENDRIN	mg/kg		
ENDRIN ALDEHYDE	mg/kg		
ENDRIN KETONE	mg/kg		
ETHYLBENZENE	mg/kg		
FLUORANTHENE	mg/kg		
FLUORENE	mg/kg		
FLUORIDE	mg/kg		
HEPTACHLOR	mg/kg		
HEPTACHLOR EPOXIDE	mg/kg		
HEXACHLORO-BUTADIENE	mg/kg		
HEXACHLORO-CYCLOPENTADIENE	mg/kg		
HEXACHLOROBENZENE	mg/kg		
HEXACHLOROETHANE	mg/kg		
HEXAVALENT CHROMIUM	mg/kg		
INDENO(1,2,3-CD)PYRENE	mg/kg		
ISOPHORONE	mg/kg		
LEAD	mg/kg		
LEAD EPTOXICITY	mg/l	<2.5	<2.5
LINDANE	mg/kg		
MAGNESIUM	mg/kg		
MANGANESE	mg/kg		
MERCURY	mg/kg		
MERCURY EPTOXICITY	mg/l	<0.04	<0.04
METHOXYCHLOR	mg/kg		
METHYLENE CHLORIDE	mg/kg		
MOLYBDENUM	mg/kg		
N-NITROSODIPHENYLAMINE	mg/kg		
N-NITROSODIPROPYLAMINE	mg/kg		
NAPHTHALENE	mg/kg		
NITROBENZENE	mg/kg		
NONANE	mg/kg		
O-DICHLOROBENZENE	mg/kg		
OCTANE	mg/kg		
P-CHLORO-M-CRESOL	mg/kg		
PCB-1016	mg/kg		
PCB-1221	mg/kg		
PCB-1232	mg/kg		
PCB-1242	mg/kg		
PCB-1248	mg/kg		
PCB-1254	mg/kg		
PCB-1260	mg/kg		
PENTACHLOROPHENOL	mg/kg		
PERCENT SOLIDS	%	72.4	70.5
PHENANTHRENE	mg/kg		
PHENOL	ug/kg		
PYRENE	mg/kg		
SATURATED HYDROCARBON	ug/kg		
SELENIUM	mg/kg		
SELENIUM EPTOXICITY	mg/l	<1	<1
SILVER	mg/kg		
SILVER EPTOXICITY	mg/l	<2	<2
SOLIDS EPTOXICITY	%		
STYRENE	mg/kg		
SUBSTITUTED CYCLOALKANE	mg/kg		

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-15-3	SB-15-4	SB-18-4	SB-19-10	SB-21-1	SB-27-8	SB-28-3	SB-28-4	SB-33-2	SB-51-4
TETRACHLOROETHENE	mg/kg	U	U	U			U	U	U	U	
TOLUENE	mg/kg	U	U	LCB			5	LCB	U	U	
TOTAL CHROMIUM	mg/kg	78	16.5	106	1710	260	45	76	29	56	47
TOTAL SOLIDS	%										
TOTAL XYLENES	mg/kg	U	U	U			12	U	U	U	
TOXAPHENE	mg/kg							U			
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	U	U			U	U	U	U	
TRICHLOROETHENE	mg/kg	U	U	U			3 J	U	U	U	
VINYL ACETATE	mg/kg	U	U	U			U	U	U	U	
VINYL CHLORIDE	mg/kg	U	U	U			U	U	U	U	
ZINC	mg/kg							80			

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 4

PARAMETERS	UNITS	SB-56-6	SB-56-7
TETRACHLOROETHENE	mg/kg		
TOLUENE	mg/kg		
TOTAL CHROMIUM	mg/kg		
TOTAL SOLIDS	%		
TOTAL XYLENES	mg/kg		
TOXAPHENE	mg/kg		
TRANS-1,3-DICHLOROPROPENE	mg/kg		
TRICHLOROETHENE	mg/kg		
VINYL ACETATE	mg/kg		
VINYL CHLORIDE	mg/kg		
ZINC	mg/kg		

EMBANKMENT SOUTH OF BUILDING 45 - TOP SOIL

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-10-2	SB-11-1	SB-11-2
(A-BHC)	mg/kg			
(B-BHC)	mg/kg			
(D-BHC)	mg/kg			
1,1,1-TRICHLOROETHANE	mg/kg	U	U	U
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U	U
1,1,2-TRICHLOROETHANE	mg/kg	U	U	U
1,1-DICHLOROETHANE	mg/kg	U	U	U
1,1-DICHLOROETHENE	mg/kg	U	U	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg			
1,2,4-TRICHLOROBENZENE	mg/kg			
1,2-DICHLOROBENZENE	mg/kg			
1,2-DICHLOROETHANE	mg/kg	U	U	U
1,2-DICHLOROETHENE	mg/kg	U	U	U
1,2-DICHLOROPROPANE	mg/kg	U	U	U
1,3-DICHLOROBENZENE	mg/kg			
1,4-DICHLOROBENZENE	mg/kg			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			
2,4,5-TRICHLOROPHENOL	mg/kg			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg			
2,4,6-TRICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg			
2,4-DIMETHYLPHENOL	mg/kg			
2,4-DINITROPHENOL	mg/kg			
2,4-DINITROTOLUENE	mg/kg			
2,6-DINITROTOLUENE	mg/kg			
2-BUTANONE	mg/kg	U	U	U
2-CHLOROANILINE	mg/kg			
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U	U
2-CHLORONAPHTHALENE	mg/kg			
2-CHLOROPHENOL	mg/kg			
2-HEXANONE	mg/kg	U	U	U
2-METHYLHEPTANE	mg/kg			
2-METHYLNAPHTHALENE	mg/kg			
2-METHYLOCTANE	mg/kg			
2-METHYLPHENOL	mg/kg			
2-NAPHTHOL	mg/kg			
2-NITROANILINE	mg/kg			
2-NITROPHENOL	mg/kg			
3,3'-DICHLOROBENZIDINE	mg/kg			
3-METHYLHEPTANE	mg/kg			
3-NITROANILINE	mg/kg			
4,4-DDD	mg/kg			
4,4-DDE	mg/kg			
4,4-DDT	mg/kg			
4,6-DINITRO-2-METHYLPHENOL	mg/kg			
4-BR-PHENYL PHENYL ETHER	mg/kg			
4-CHLOROANILINE	mg/kg			
4-CL-PHENYL PHENYL ETHER	mg/kg			
4-METHYL-2-PENTANONE	mg/kg	U	U	U
4-METHYLPHENOL	mg/kg			
4-NITROANILINE	mg/kg			
4-NITROPHENOL	mg/kg			
A C4 SUBST. CYCLOHEXANE	mg/kg			
A DICHLOROBIPHENYL	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-10-2	SB-11-1	SB-11-2
A DIMETHYLCYCLOHEXANE	mg/kg			
A TRIMETHYLCYCLOHEXANE	mg/kg			
A-ENDOSULFAN	mg/kg			
ACENAPHTHENE	mg/kg			
ACENAPHTHYLENE	mg/kg			
ACETONE	mg/kg	U	LCB	LCB
ALDRIN	mg/kg			
ANTHRACENE	mg/kg			
ANTIMONY	mg/kg			
ARSENIC	mg/kg	<11		<10
ARSENIC EPTOXICITY	mg/l		<2.5	
B-ENDOSULFAN	mg/kg			
BARIUM	mg/kg	146		53
BARIUM EPTOXICITY	mg/l		<10	
BENZENE	mg/kg	U	U	U
BENZO(A)ANTHRACENE	mg/kg			
BENZO(A)PYRENE	mg/kg			
BENZO(B)FLOURANTHENE	mg/kg			
BENZO(B)FLUORANTHENE	mg/kg			
BENZO(GHI)PERYLENE	mg/kg			
BENZO(K)FLUORANTHENE	mg/kg			
BENZOIC ACID	mg/kg			
BENZYL ALCOHOL	mg/kg			
BENZYL BUTYL PHTHALATE	mg/kg			
BIS(2-CHLOROETHYL) ETHER	mg/kg			
BIS(2-CL-ETHOXY) METHANE	mg/kg			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg			
BROMODICHLOROMETHANE	mg/kg	U	U	U
BROMOFORM	mg/kg	U	U	U
BROMOMETHANE	mg/kg	U	U	U
C10H18 HYDROCARBON	mg/kg			
C11 SATURATED HYDROCARBON	mg/kg			
C9 SATURATED HYDROCARBON	mg/kg			
CADMIUM	mg/kg	4.9		<1.8
CADMIUM EPTOXICITY	mg/l		<0.5	
CARBON DISULFIDE	mg/kg	U	U	U
CARBON TETRACHLORIDE	mg/kg	U	U	U
CHLORDANE	mg/kg			
CHLOROBENZENE	mg/kg	U	U	U
CHLOROETHANE	mg/kg	U	U	U
CHLOROFORM	mg/kg	U	U	U
CHLOROMETHANE	mg/kg	U	U	U
CHROMIUM EPTOXICITY	mg/l		<2.5	
CHRYSENE	mg/kg			
CIS-1,3-DICHLOROPROPENE	mg/kg	U	U	U
COPPER	mg/kg			
CYANIDE	mg/kg			
DECANE	mg/kg			
DI-N-BUTYL PHTHALATE	mg/kg			
DI-N-OCTYL PHTHALATE	mg/kg			
DIBENZO(AH)ANTHRACENE	mg/kg			
DIBENZOFURAN	mg/kg			
DIBROMOCHLOROMETHANE	mg/kg	U	U	U
DIELDRIN	mg/kg			
DIETHYL PHTHALATE	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-10-2	SB-11-1	SB-11-2
SAMPLE NUMBERS				
DIMETHYL PHTHALATE	mg/kg			
ENDOSULFAN SULFATE	mg/kg			
ENDRIN	mg/kg			
ENDRIN ALDEHYDE	mg/kg			
ENDRIN KETONE	mg/kg			
ETHYLBENZENE	mg/kg	U	U	U
FLUORANTHENE	mg/kg			
FLUORENE	mg/kg			
FLUORIDE	mg/kg	141		153
HEPTACHLOR	mg/kg			
HEPTACHLOR EPOXIDE	mg/kg			
HEXACHLORO-BUTADIENE	mg/kg			
HEXACHLORO-CYCLOPENTADIENE	mg/kg			
HEXACHLOROBENZENE	mg/kg			
HEXACHLOROETHANE	mg/kg			
HEXAVALENT CHROMIUM	mg/kg			
INDENO(1,2,3-CD)PYRENE	mg/kg			
ISOPHORONE	mg/kg			
LEAD	mg/kg	50		12.9
LEAD EPTOXICITY	mg/l		<2.5	
LINDANE	mg/kg			
MAGNESIUM	mg/kg			
MANGANESE	mg/kg			
MERCURY	mg/kg	.71		<0.2
MERCURY EPTOXICITY	mg/l		<0.04	
METHOXYCHLOR	mg/kg			
METHYLENE CHLORIDE	mg/kg	LCB	LCB	LCB
MOLYBDENUM	mg/kg			
N-NITROSODIPHENYLAMINE	mg/kg			
N-NITROSODIPROPYLAMINE	mg/kg			
NAPHTHALENE	mg/kg			
NITROBENZENE	mg/kg			
NONANE	mg/kg			
O-DICHLOROBENZENE	mg/kg			360
OCTANE	mg/kg			
P-CHLORO-M-CRESOL	mg/kg			
PCB-1016	mg/kg			
PCB-1221	mg/kg			
PCB-1232	mg/kg			
PCB-1242	mg/kg			
PCB-1248	mg/kg			
PCB-1254	mg/kg			
PCB-1260	mg/kg			
PENTACHLOROPHENOL	mg/kg			
PERCENT SOLIDS	%	47.0		51.8
PHENANTHRENE	mg/kg			
PHENOL	ug/kg			
PYRENE	mg/kg			
SATURATED HYDROCARBON	ug/kg			
SELENIUM	mg/kg	<6		<5
SELENIUM EPTOXICITY	mg/l		<1	
SILVER	mg/kg			
SILVER EPTOXICITY	mg/l		<2	
SOLIDS EPTOXICITY	%		73.1	
STYRENE	mg/kg	U	U	U
SUBSTITUTED CYCLOALKANE	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-10-2	SB-11-1	SB-11-2
TETRACHLOROETHENE	mg/kg	U	U	U
TOLUENE	mg/kg	U	U	U
TOTAL CHROMIUM	mg/kg	340		2000
TOTAL SOLIDS	%			
TOTAL XYLENES	mg/kg	U	U	U
TOXAPHENE	mg/kg			
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	U	U
TRICHLOROETHENE	mg/kg	U	U	U
VINYL ACETATE	mg/kg	U	U	U
VINYL CHLORIDE	mg/kg	U	U	U
ZINC	mg/kg			

EMBANKMENT SOUTH OF BUILDING 45 - FILL/WASTE

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	SB-13-4	SB-13-8	B-13A-10
(A-BHC)	mg/kg			
(B-BHC)	mg/kg			
(D-BHC)	mg/kg			
1,1,1-TRICHLOROETHANE	mg/kg	U		
1,1,2,2-TETRACHLOROETHANE	mg/kg	U		
1,1,2-TRICHLOROETHANE	mg/kg	U		
1,1-DICHLOROETHANE	mg/kg	U		
1,1-DICHLOROETHENE	mg/kg	U		
1,1-DIMETHYLCYCLOHEXANE	mg/kg			
1,2,4-TRICHLOROBENZENE	mg/kg			
1,2-DICHLOROBENZENE	mg/kg			
1,2-DICHLOROETHANE	mg/kg	U		
1,2-DICHLOROETHENE	mg/kg	U		
1,2-DICHLOROPROPANE	mg/kg	U		
1,3-DICHLOROBENZENE	mg/kg			
1,4-DICHLOROBENZENE	mg/kg			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			
2,4,5-TRICHLOROPHENOL	mg/kg			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg			
2,4,6-TRICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg			
2,4-DIMETHYLPHENOL	mg/kg			
2,4-DINITROPHENOL	mg/kg			
2,4-DINITROTOLUENE	mg/kg			
2,6-DINITROTOLUENE	mg/kg			
2-BUTANONE	mg/kg	U		
2-CHLOROANILINE	mg/kg			
2-CHLOROETHYL VINYL ETHER	mg/kg	U		
2-CHLORONAPHTHALENE	mg/kg			
2-CHLOROPHENOL	mg/kg			
2-HEXANONE	mg/kg	U		
2-METHYLHEPTANE	mg/kg			
2-METHYLNAPHTHALENE	mg/kg			
2-METHYLOCTANE	mg/kg			
2-METHYLPHENOL	mg/kg			
2-NAPHTHOL	mg/kg			
2-NITROANILINE	mg/kg			
2-NITROPHENOL	mg/kg			
3,3 -DICHLOROBENZIDINE	mg/kg			
3-METHYLHEPTANE	mg/kg			
3-NITROANILINE	mg/kg			
4,4-DDD	mg/kg			
4,4-DDE	mg/kg			
4,4-DDT	mg/kg			
4,6-DINITRO-2-METHYLPHENOL	mg/kg			
4-BR-PHENYL PHENYL ETHER	mg/kg			
4-CHLOROANILINE	mg/kg			
4-CL-PHENYL PHENYL ETHER	mg/kg			
4-METHYL-2-PENTANONE	mg/kg	U		
4-METHYLPHENOL	mg/kg			
4-NITROANILINE	mg/kg			
4-NITROPHENOL	mg/kg			
A C4 SUBST. CYCLOHEXANE	mg/kg			
A DICHLOROBIPHENYL	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-13-4	SB-13-B	B-13A-10	PAGE 2
A DIMETHYLCYCLOHEXANE	mg/kg				
A TRIMETHYLCYCLOHEXANE	mg/kg				
A-ENDOSULFAN	mg/kg				
ACENAPHTHENE	mg/kg				
ACENAPHTHYLENE	mg/kg				
ACETONE	mg/kg	LCB			
ALDRIN	mg/kg				
ANTHRACENE	mg/kg				
ANTIMONY	mg/kg				
ARSENIC	mg/kg	<6			
ARSENIC EPTOXICITY	mg/l		<2.5	<2.5	
B-ENDOSULFAN	mg/kg				
BARIUM	mg/kg	110			
BARIUM EPTOXICITY	mg/l		<10	<10	
BENZENE	mg/kg	U			
BENZO(A)ANTHRACENE	mg/kg				
BENZO(A)PYRENE	mg/kg				
BENZO(B)FLOURANTHENE	mg/kg				
BENZO(B)FLUORANTHENE	mg/kg				
BENZO(GHI)PERYLENE	mg/kg				
BENZO(K)FLUORANTHENE	mg/kg				
BENZOIC ACID	mg/kg				
BENZYL ALCOHOL	mg/kg				
BENZYL BUTYL PHTHALATE	mg/kg				
BIS(2-CHLOROETHYL) ETHER	mg/kg				
BIS(2-CL-ETHOXY) METHANE	mg/kg				
BIS(2-CL-ISOPROPYL) ETHER	mg/kg				
BIS(2-ET-HEXYL) PHTHALATE	mg/kg				
BROMODICHLOROMETHANE	mg/kg	U			
BROMOFORM	mg/kg	U			
BROMOMETHANE	mg/kg	U			
C10H18 HYDROCARBON	mg/kg				
C11 SATURATED HYDROCARBON	mg/kg				
C9 SATURATED HYDROCARBON	mg/kg				
CADMIUM	mg/kg	10.4			
CADMIUM EPTOXICITY	mg/l		<0.5	<0.5	
CARBON DISULFIDE	mg/kg	U			
CARBON TETRACHLORIDE	mg/kg	U			
CHLORDANE	mg/kg				
CHLOROBENZENE	mg/kg	U			
CHLOROETHANE	mg/kg	U			
CHLOROFORM	mg/kg	U			
CHLOROMETHANE	mg/kg	U			
CHROMIUM EPTOXICITY	mg/l		<2.5	<2.5	
CHRYSENE	mg/kg				
CIS-1,3-DICHLOROPROPENE	mg/kg	U			
COPPER	mg/kg				
CYANIDE	mg/kg				
DECANE	mg/kg				
DI-N-BUTYL PHTHALATE	mg/kg				
DI-N-OCTYL PHTHALATE	mg/kg				
DIBENZO(AH)ANTHRACENE	mg/kg				
DIBENZOFURAN	mg/kg				
DIBROMOCHLOROMETHANE	mg/kg	U			
DIELDRIN	mg/kg				
DIETHYL PHTHALATE	mg/kg				

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 3

PARAMETERS	UNITS	SB-13-4	SB-13-8	B-13A-10
DIMETHYL PHTHALATE	mg/kg			
ENDOSULFAN SULFATE	mg/kg			
ENDRIN	mg/kg			
ENDRIN ALDEHYDE	mg/kg			
ENDRIN KETONE	mg/kg			
ETHYLBENZENE	mg/kg			
FLUORANTHENE	mg/kg			
FLUORENE	mg/kg			
FLUORIDE	mg/kg	<22		
HEPTACHLOR	mg/kg			
HEPTACHLOR EPOXIDE	mg/kg			
HEXACHLORO-BUTADIENE	mg/kg			
HEXACHLORO-CYCLOPENTADIENE	mg/kg			
HEXACHLOROBENZENE	mg/kg			
HEXACHLOROETHANE	mg/kg			
HEXAVALENT CHROMIUM	mg/kg			
INDENO(1,2,3-CD)PYRENE	mg/kg			
ISOPHORONE	mg/kg			
LEAD	mg/kg	310		
LEAD EPTOXICITY	mg/l		<2.5	<2.5
LINDANE	mg/kg			
MAGNESIUM	mg/kg			
MANGANESE	mg/kg			
MERCURY	mg/kg	3.5		
MERCURY EPTOXICITY	mg/l		<0.04	<0.04
METHOXYCHLOR	mg/kg			
METHYLENE CHLORIDE	mg/kg	LCB		
MOLYBDENUM	mg/kg			
N-NITROSODIPHENYLAMINE	mg/kg			
N-NITROSODIPROPYLAMINE	mg/kg			
NAPHTHALENE	mg/kg			
NITROBENZENE	mg/kg			
NONANE	mg/kg			
O-DICHLOROBENZENE	mg/kg			
OCTANE	mg/kg			
P-CHLORO-M-CRESOL	mg/kg			
PCB-1016	mg/kg			
PCB-1221	mg/kg			
PCB-1232	mg/kg			
PCB-1242	mg/kg			
PCB-1248	mg/kg			
PCB-1254	mg/kg			
PCB-1260	mg/kg			
PENTACHLOROPHENOL	mg/kg			
PERCENT SOLIDS	%	82.9		
PHENANTHRENE	mg/kg			
PHENOL	ug/kg			
PYRENE	mg/kg			
SATURATED HYDROCARBON	ug/kg			
SELENIUM	mg/kg	<3		
SELENIUM EPTOXICITY	mg/l		<1	<1
SILVER	mg/kg			
SILVER EPTOXICITY	mg/l		<2	<2
SOLIDS EPTOXICITY	%		87.5	75.1
STYRENE	mg/kg	U		
SUBSTITUTED CYCLOALKANE	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-13-4	SB-13-8	B-13A-10
TETRACHLOROETHENE	mg/kg	U		
TOLUENE	mg/kg	LCB		
TOTAL CHROMIUM	mg/kg	3400		
TOTAL SOLIDS	%			
TOTAL XYLENES	mg/kg	U		
TOXAPHENE	mg/kg			
TRANS-1,3-DICHLOROPROPENE	mg/kg	U		
TRICHLOROETHENE	mg/kg	U		
VINYL ACETATE	mg/kg	U		
VINYL CHLORIDE	mg/kg	U		
ZINC	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-31-1	MW-31-3	MW-31-7	SB-12-12	B-12-567	SB-12-8	SB-9-2
(A-BHC)	mg/kg				U			
(B-BHC)	mg/kg				U			
(D-BHC)	mg/kg				U			
1,1,1-TRICHLOROETHANE	mg/kg	U	U	U	U	U		U
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U	U	U	U		U
1,1,2-TRICHLOROETHANE	mg/kg	U	U	U	U	U		U
1,1-DICHLOROETHANE	mg/kg	U	U	U	U	U		U
1,1-DICHLOROETHENE	mg/kg	U	U	U	U	U		U
1,1-DIMETHYLCYCLOHEXANE	mg/kg							
1,2,4-TRICHLOROBENZENE	mg/kg				U			
1,2-DICHLOROBENZENE	mg/kg				U			
1,2-DICHLOROETHANE	mg/kg	U	U	U	U	U		U
1,2-DICHLOROETHENE	mg/kg	U	U	U	U	U		U
1,2-DICHLOROPROPANE	mg/kg	U	U	U	U	U		U
1,3-DICHLOROBENZENE	mg/kg				U			
1,4-DICHLOROBENZENE	mg/kg				U			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg							
2,4,5-TRICHLOROPHENOL	mg/kg				U			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg							
2,4,6-TRICHLOROPHENOL	mg/kg				U			
2,4-DICHLOROPHENOL	mg/kg				U			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg							
2,4-DIMETHYLPHENOL	mg/kg				U			
2,4-DINITROPHENOL	mg/kg				U			
2,4-DINITROTOLUENE	mg/kg				U			
2,6-DINITROTOLUENE	mg/kg				U			
2-BUTANONE	mg/kg	U	U	U	26	U		U
2-CHLOROANILINE	mg/kg							
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U	U	U	U		U
2-CHLORONAPHTHALENE	mg/kg				U			
2-CHLOROPHENOL	mg/kg				U			
2-HEXANONE	mg/kg	U	U	U	U	U		U
2-METHYLHEPTANE	mg/kg							
2-METHYLNAPHTHALENE	mg/kg				U			
2-METHYLOCTANE	mg/kg							
2-METHYLPHENOL	mg/kg				U			
2-NAPHTHOL	mg/kg							
2-NITROANILINE	mg/kg				U			
2-NITROPHENOL	mg/kg				U			
3,3'-DICHLOROBENZIDINE	mg/kg				U			
3-METHYLHEPTANE	mg/kg							
3-NITROANILINE	mg/kg				U			
4,4-DDD	mg/kg				U			
4,4-DDE	mg/kg				U			
4,4-DDT	mg/kg				U			
4,6-DINITRO-2-METHYLPHENOL	mg/kg				U			
4-BR-PHENYL PHENYL ETHER	mg/kg				U			
4-CHLOROANILINE	mg/kg				U			
4-CL-PHENYL PHENYL ETHER	mg/kg				U			
4-METHYL-2-PENTANONE	mg/kg	U	U	U	U	U		U
4-METHYLPHENOL	mg/kg				U			
4-NITROANILINE	mg/kg				U			
4-NITROPHENOL	mg/kg				U			
A C4 SUBST. CYCLOHEXANE	mg/kg							
A DICHLOROBIPHENYL	mg/kg							

EMBANKMENT SOUTH OF BUILDING 45 - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-31-1	MW-31-3	MW-31-7	SB-12-12	B-12-567	SB-12-8	SB-9-2
A DIMETHYLCYCLOHEXANE	mg/kg							
A TRIMETHYLCYCLOHEXANE	mg/kg							
A-ENDOSULFAN	mg/kg				U			
ACENAPHTHENE	mg/kg				U			
ACENAPHTHYLENE	mg/kg				210 J			
ACETONE	mg/kg	LCB	LCB	LCB	53 C	LCB		LCB
ALDRIN	mg/kg				U			
ANTHRACENE	mg/kg				130 J			
ANTIMONY	mg/kg				<46			
ARSENIC	mg/kg		<10	<9	4.4	<6		7.4
ARSENIC EPTOXICITY	mg/l						<2.5	
B-ENDOSULFAN	mg/kg				U			
BARIUM	mg/kg		310	210	98	59		106
BARIUM EPTOXICITY	mg/l						<10	
BENZENE	mg/kg	U	U	U	U	U		U
BENZO(A)ANTHRACENE	mg/kg				800			
BENZO(A)PYRENE	mg/kg				1,000			
BENZO(B)FLOURANTHENE	mg/kg							
BENZO(B)FLUORANTHENE	mg/kg				680			
BENZO(GHI)PERYLENE	mg/kg				580			
BENZO(K)FLUORANTHENE	mg/kg				720			
BENZOIC ACID	mg/kg				U			
BENZYL ALCOHOL	mg/kg				U			
BENZYL BUTYL PHTHALATE	mg/kg				U			
BIS(2-CHLOROETHYL) ETHER	mg/kg				U			
BIS(2-CL-ETHOXY) METHANE	mg/kg				U			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg				U			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg				U			
BROMODICHLOROMETHANE	mg/kg	U	U	U	U	U		U
BROMOFORM	mg/kg	U	U	U	U	U		U
BROMOMETHANE	mg/kg	U	U	U	U	U		U
C10H18 HYDROCARBON	mg/kg							
C11 SATURATED HYDROCARBON	mg/kg							
C9 SATURATED HYDROCARBON	mg/kg							
CADMIUM	mg/kg		6.0	5.8	15.2	2.7		5.0
CADMIUM EPTOXICITY	mg/l						<0.5	
CARBON DISULFIDE	mg/kg	U	U	U	7	U		U
CARBON TETRACHLORIDE	mg/kg	U	U	U	U	U		U
CHLORDANE	mg/kg				U			
CHLOROBENZENE	mg/kg	U	U	300	U	U		U
CHLOROETHANE	mg/kg	U	U	U	U	U		U
CHLOROFORM	mg/kg	U	U	74	U	U		U
CHLOROMETHANE	mg/kg	U	U	U	U	U		U
CHROMIUM EPTOXICITY	mg/l						<2.5	
CHRYSENE	mg/kg				880			
CIS-1,3-DICHLOROPROPENE	mg/kg	U	U	U	U	U		U
COPPER	mg/kg				33			
CYANIDE	mg/kg							
DECANE	mg/kg							
DI-N-BUTYL PHTHALATE	mg/kg				U			
DI-N-OCTYL PHTHALATE	mg/kg				U			
DIBENZO(AH)ANTHRACENE	mg/kg				300J			
DIBENZOFURAN	mg/kg				U			
DIBROMOCHLOROMETHANE	mg/kg	U	U	U	U	U		U
DIELDRIN	mg/kg				U			
DIETHYL PHTHALATE	mg/kg				U			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-31-1	MW-31-3	MW-31-7	SB-12-12	B-12-567	SB-12-8	SB-9-2
DIMETHYL PHTHALATE	mg/kg				U			
ENDOSULFAN SULFATE	mg/kg				U			
ENDRIN	mg/kg				U			
ENDRIN ALDEHYDE	mg/kg				U			
ENDRIN KETONE	mg/kg				U			
ETHYLBENZENE	mg/kg	U	U	U				
FLUORANTHENE	mg/kg				730			
FLUORENE	mg/kg				U			
FLUORIDE	mg/kg		115	230	180	194		440
HEPTACHLOR	mg/kg				U			
HEPTACHLOR EPOXIDE	mg/kg				U			
HEXACHLORO-BUTADIENE	mg/kg				U			
HEXACHLORO-CYCLOPENTADIENE	mg/kg				U			
HEXACHLOROBENZENE	mg/kg				U			
HEXACHLOROETHANE	mg/kg				U			
HEXAVALENT CHROMIUM	mg/kg				<0.8			
INDENO(1,2,3-CD)PYRENE	mg/kg				530			
ISOPHORONE	mg/kg				U			
LEAD	mg/kg		58	65	70	51		23
LEAD EPTOXICITY	mg/l						<2.5	
LINDANE	mg/kg				U			
MAGNESIUM	mg/kg				21000			
MANGANESE	mg/kg				620			
MERCURY	mg/kg		<0.4	<0.3	.43	<0.09		0.31
MERCURY EPTOXICITY	mg/l						<0.04	
METHOXYCHLOR	mg/kg				U			
METHYLENE CHLORIDE	mg/kg	LCB	LCB	LCB	LCB	LCB		LCB
MOLYBDENUM	mg/kg				<72			
N-NITROSODIPHENYLAMINE	mg/kg				U			
N-NITROSODIPROPYLAMINE	mg/kg				U			
NAPHTHALENE	mg/kg				U			
NITROBENZENE	mg/kg				U			
NONANE	mg/kg							
O-DICHLOROBENZENE	mg/kg			160	13			
OCTANE	mg/kg							
P-CHLORO-M-CRESOL	mg/kg				U			
PCB-1016	mg/kg				U			
PCB-1221	mg/kg				U			
PCB-1232	mg/kg				U			
PCB-1242	mg/kg				U			
PCB-1248	mg/kg				U			
PCB-1254	mg/kg				U			
PCB-1260	mg/kg				U			
PENTACHLOROPHENOL	mg/kg				U			
PERCENT SOLIDS	%		51.2	53.1	69.2	91.9		78.8
PHENANTHRENE	mg/kg				310			
PHENOL	ug/kg				U			
PYRENE	mg/kg				840			
SATURATED HYDROCARBON	ug/kg							
SELENIUM	mg/kg		<5	<5	<4	<3		<3
SELENIUM EPTOXICITY	mg/l						<1	
SILVER	mg/kg							
SILVER EPTOXICITY	mg/l						<2	
SOLIDS EPTOXICITY	%						83.6	
STYRENE	mg/kg	U	U	U	U	U		U
SUBSTITUTED CYCLOALKANE	mg/kg							

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-31-1	MW-31-3	MW-31-7	SB-12-12	B-12-567	SB-12-8	SB-9-2
TETRACHLOROETHENE	mg/kg	U	U	U	U	U		U
TOLUENE	mg/kg	U	U	U	LCB	LCB		U
TOTAL CHROMIUM	mg/kg		7400	770	4700	96		620
TOTAL SOLIDS	%							
TOTAL XYLENES	mg/kg	U	U	14J	U	U		U
TOXAPHENE	mg/kg				U			
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	U	U	U	U		U
TRICHLOROETHENE	mg/kg	U	U	U	U	U		U
VINYL ACETATE	mg/kg	U	U	U	U	U		U
VINYL CHLORIDE	mg/kg	U	U	U	U	U		U
ZINC	mg/kg				280			

EMBANKMENT SOUTH OF BUILDING 45 - SILT

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	B-13A-11
(A-BHC)	mg/kg	
(B-BHC)	mg/kg	
(D-BHC)	mg/kg	
1,1,1-TRICHLOROETHANE	mg/kg	U
1,1,2,2-TETRACHLOROETHANE	mg/kg	U
1,1,2-TRICHLOROETHANE	mg/kg	U
1,1-DICHLOROETHANE	mg/kg	U
1,1-DICHLOROETHENE	mg/kg	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg	
1,2,4-TRICHLOROBENZENE	mg/kg	
1,2-DICHLOROBENZENE	mg/kg	
1,2-DICHLOROETHANE	mg/kg	U
1,2-DICHLOROETHENE	mg/kg	U
1,2-DICHLOROPROPANE	mg/kg	U
1,3-DICHLOROBENZENE	mg/kg	
1,4-DICHLOROBENZENE	mg/kg	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg	
2,4,5-TRICHLOROPHENOL	mg/kg	
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg	
2,4,6-TRICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg	
2,4-DIMETHYLPHENOL	mg/kg	
2,4-DINITROPHENOL	mg/kg	
2,4-DINITROTOLUENE	mg/kg	
2,6-DINITROTOLUENE	mg/kg	
2-BUTANONE	mg/kg	U
2-CHLOROANILINE	mg/kg	
2-CHLOROETHYL VINYL ETHER	mg/kg	U
2-CHLORONAPHTHALENE	mg/kg	
2-CHLOROPHENOL	mg/kg	
2-HEXANONE	mg/kg	U
2-METHYLHEPTANE	mg/kg	
2-METHYLNAPHTHALENE	mg/kg	
2-METHYLOCTANE	mg/kg	
2-METHYLPHENOL	mg/kg	
2-NAPHTHOL	mg/kg	
2-NITROANILINE	mg/kg	
2-NITROPHENOL	mg/kg	
3,3'-DICHLOROBENZIDINE	mg/kg	
3-METHYLHEPTANE	mg/kg	
3-NITROANILINE	mg/kg	
4,4-DDD	mg/kg	
4,4-DDE	mg/kg	
4,4-DDT	mg/kg	
4,6-DINITRO-2-METHYLPHENOL	mg/kg	
4-BR-PHENYL PHENYL ETHER	mg/kg	
4-CHLOROANILINE	mg/kg	
4-CL-PHENYL PHENYL ETHER	mg/kg	
4-METHYL-2-PENTANONE	mg/kg	U
4-METHYLPHENOL	mg/kg	
4-NITROANILINE	mg/kg	
4-NITROPHENOL	mg/kg	
A C4 SUBST. CYCLOHEXANE	mg/kg	
A DICHLOROBIPHENYL	mg/kg	

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS B-13A-11
A DIMETHYLCYCLOHEXANE	mg/kg	
A TRIMETHYLCYCLOHEXANE	mg/kg	
A-ENDOSULFAN	mg/kg	
ACENAPHTHENE	mg/kg	
ACENAPHTHYLENE	mg/kg	
ACETONE	mg/kg	LCB
ALDRIN	mg/kg	
ANTHRACENE	mg/kg	
ANTIMONY	mg/kg	
ARSENIC	mg/kg	13.9
ARSENIC EPTOXICITY	mg/l	
B-ENDOSULFAN	mg/kg	
BARIUM	mg/kg	210
BARIUM EPTOXICITY	mg/l	
BENZENE	mg/kg	U
BENZO(A)ANTHRACENE	mg/kg	
BENZO(A)PYRENE	mg/kg	
BENZO(B)FLOURANTHENE	mg/kg	
BENZO(B)FLUORANTHENE	mg/kg	
BENZO(GHI)PERYLENE	mg/kg	
BENZO(K)FLUORANTHENE	mg/kg	
BENZOIC ACID	mg/kg	
BENZYL ALCOHOL	mg/kg	
BENZYL BUTYL PHTHALATE	mg/kg	
BIS(2-CHLOROETHYL) ETHER	mg/kg	
BIS(2-CL-ETHOXY) METHANE	mg/kg	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg	
BROMODICHLOROMETHANE	mg/kg	U
BROMOFORM	mg/kg	U
BROMOMETHANE	mg/kg	U
C10H18 HYDROCARBON	mg/kg	
C11 SATURATED HYDROCARBON	mg/kg	
C9 SATURATED HYDROCARBON	mg/kg	
CADMIUM	mg/kg	6.8
CADMIUM EPTOXICITY	mg/l	
CARBON DISULFIDE	mg/kg	U
CARBON TETRACHLORIDE	mg/kg	U
CHLORDANE	mg/kg	
CHLOROBENZENE	mg/kg	11
CHLOROETHANE	mg/kg	U
CHLOROFORM	mg/kg	U
CHLOROMETHANE	mg/kg	U
CHROMIUM EPTOXICITY	mg/l	
CHRYSENE	mg/kg	
CIS-1,3-DICHLOROPROPENE	mg/kg	U
COPPER	mg/kg	
CYANIDE	mg/kg	
DECANE	mg/kg	
DI-N-BUTYL PHTHALATE	mg/kg	
DI-N-OCTYL PHTHALATE	mg/kg	
DIBENZO(AH)ANTHRACENE	mg/kg	
DIBENZOFURAN	mg/kg	
DIBROMOCHLOROMETHANE	mg/kg	U
DIELDRIN	mg/kg	
DIETHYL PHTHALATE	mg/kg	

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 3

PARAMETERS	UNITS	B-13A-11
DIMETHYL PHTHALATE	mg/kg	
ENDOSULFAN SULFATE	mg/kg	
ENDRIN	mg/kg	
ENDRIN ALDEHYDE	mg/kg	
ENDRIN KETONE	mg/kg	
ETHYLBENZENE	mg/kg	
FLUORANTHENE	mg/kg	
FLUORENE	mg/kg	
FLUORIDE	mg/kg	420
HEPTACHLOR	mg/kg	
HEPTACHLOR EPOXIDE	mg/kg	
HEXACHLORO-BUTADIENE	mg/kg	
HEXACHLORO-CYCLOPENTADIENE	mg/kg	
HEXACHLOROBENZENE	mg/kg	
HEXACHLOROETHANE	mg/kg	
HEXAVALENT CHROMIUM	mg/kg	
INDENO(1,2,3-CD)PYRENE	mg/kg	
ISOPHORONE	mg/kg	
LEAD	mg/kg	54
LEAD EPTOXICITY	mg/l	
LINDANE	mg/kg	
MAGNESIUM	mg/kg	
MANGANESE	mg/kg	
MERCURY	mg/kg	.14
MERCURY EPTOXICITY	mg/l	
METHOXYCHLOR	mg/kg	
METHYLENE CHLORIDE	mg/kg	LCB
MOLYBDENUM	mg/kg	
N-NITROSODIPHENYLAMINE	mg/kg	
N-NITROSODIPROPYLAMINE	mg/kg	
NAPHTHALENE	mg/kg	
NITROBENZENE	mg/kg	
NONANE	mg/kg	
O-DICHLOROBENZENE	mg/kg	46
OCTANE	mg/kg	
P-CHLORO-M-CRESOL	mg/kg	
PCB-1016	mg/kg	
PCB-1221	mg/kg	
PCB-1232	mg/kg	
PCB-1242	mg/kg	
PCB-1248	mg/kg	
PCB-1254	mg/kg	
PCB-1260	mg/kg	
PENTACHLOROPHENOL	mg/kg	
PERCENT SOLIDS	%	71.1
PHENANTHRENE	mg/kg	
PHENOL	ug/kg	
PYRENE	mg/kg	
SATURATED HYDROCARBON	ug/kg	
SELENIUM	mg/kg	<3
SELENIUM EPTOXICITY	mg/l	
SILVER	mg/kg	
SILVER EPTOXICITY	mg/l	
SOLIDS EPTOXICITY	%	
STYRENE	mg/kg	U
SUBSTITUTED CYCLOALKANE	mg/kg	

EMBANKMENT SOUTH OF BUILDING 45 - SILT

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	B-13A-11
SAMPLE NUMBERS		
TETRACHLOROETHENE	mg/kg	U
TOLUENE	mg/kg	U
TOTAL CHROMIUM	mg/kg	670
TOTAL SOLIDS	%	
TOTAL XYLENES	mg/kg	U
TOXAPHENE	mg/kg	
TRANS-1,3-DICHLOROPROPENE	mg/kg	U
TRICHLOROETHENE	mg/kg	U
VINYL ACETATE	mg/kg	U
VINYL CHLORIDE	mg/kg	U
ZINC	mg/kg	

EMBANKMENT SOUTH OF BUILDING 45 - CLAY

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-14-2	SB-14-5	SB-9-4
(A-BHC)	mg/kg			
(B-BHC)	mg/kg			
(D-BHC)	mg/kg			
1,1,1-TRICHLOROETHANE	mg/kg	U	U	U
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	U	U
1,1,2-TRICHLOROETHANE	mg/kg	U	U	U
1,1-DICHLOROETHANE	mg/kg	U	U	U
1,1-DICHLOROETHENE	mg/kg	U	U	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg			
1,2,4-TRICHLOROBENZENE	mg/kg			
1,2-DICHLOROBENZENE	mg/kg			
1,2-DICHLOROETHANE	mg/kg	U	U	U
1,2-DICHLOROETHENE	mg/kg	U	U	U
1,2-DICHLOROPROPANE	mg/kg	U	U	U
1,3-DICHLOROBENZENE	mg/kg			
1,4-DICHLOROBENZENE	mg/kg			
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg			
2,4,5-TRICHLOROPHENOL	mg/kg			
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg			
2,4,6-TRICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOL	mg/kg			
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg			
2,4-DIMETHYLPHENOL	mg/kg			
2,4-DINITROPHENOL	mg/kg			
2,4-DINITROTOLUENE	mg/kg			
2,6-DINITROTOLUENE	mg/kg			
2-BUTANONE	mg/kg	U	U	U
2-CHLORDANILINE	mg/kg			
2-CHLOROETHYL VINYL ETHER	mg/kg	U	U	U
2-CHLORONAPHTHALENE	mg/kg			
2-CHLOROPHENOL	mg/kg			
2-HEXANONE	mg/kg	U	U	U
2-METHYLHEPTANE	mg/kg			
2-METHYLNAPHTHALENE	mg/kg			
2-METHYLOCTANE	mg/kg			
2-METHYLPHENOL	mg/kg			
2-NAPHTHOL	mg/kg			
2-NITROANILINE	mg/kg			
2-NITROPHENOL	mg/kg			
3,3'-DICHLOROBENZIDINE	mg/kg			
3-METHYLHEPTANE	mg/kg			
3-NITROANILINE	mg/kg			
4,4-DDD	mg/kg			
4,4-DDE	mg/kg			
4,4-DDT	mg/kg			
4,6-DINITRO-2-METHYLPHENOL	mg/kg			
4-BR-PHENYL PHENYL ETHER	mg/kg			
4-CHLOROANILINE	mg/kg			
4-CL-PHENYL PHENYL ETHER	mg/kg			
4-METHYL-2-PENTANONE	mg/kg	U	U	U
4-METHYLPHENOL	mg/kg			
4-NITROANILINE	mg/kg			
4-NITROPHENOL	mg/kg			
A C4 SUBST. CYCLOHEXANE	mg/kg			
A DICHLORODIPHENYL	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-14-2	SB-14-5	SB-9-4
A DIMETHYLCYCLOHEXANE	mg/kg			
A TRIMETHYLCYCLOHEXANE	mg/kg			
A-ENDOSULFAN	mg/kg			
ACENAPHTHENE	mg/kg			
ACENAPHTHYLENE	mg/kg			
ACETONE	mg/kg	U	U	U
ALDRIN	mg/kg			
ANTHRACENE	mg/kg			
ANTIMONY	mg/kg			
ARSENIC	mg/kg	7.8	9.7	14.8
ARSENIC EPTOXICITY	mg/l			
B-ENDOSULFAN	mg/kg			
BARIUM	mg/kg	56	200	270
BARIUM EPTOXICITY	mg/l			
BENZENE	mg/kg	54	11	U
BENZO(A)ANTHRACENE	mg/kg			
BENZO(A)PYRENE	mg/kg			
BENZO(B)FLOURANTHENE	mg/kg			
BENZO(B)FLUORANTHENE	mg/kg			
BENZO(GHI)PERYLENE	mg/kg			
BENZO(K)FLUORANTHENE	mg/kg			
BENZOIC ACID	mg/kg			
BENZYL ALCOHOL	mg/kg			
BENZYL BUTYL PHTHALATE	mg/kg			
BIS(2-CHLOROETHYL) ETHER	mg/kg			
BIS(2-CL-ETHOXY) METHANE	mg/kg			
BIS(2-CL-ISOPROPYL) ETHER	mg/kg			
BIS(2-ET-HEXYL) PHTHALATE	mg/kg			
BROMODICHLOROMETHANE	mg/kg	U	U	U
BROMOFORM	mg/kg	U	U	U
BROMOMETHANE	mg/kg	U	U	U
C10H18 HYDROCARBON	mg/kg			
C11 SATURATED HYDROCARBON	mg/kg			
C9 SATURATED HYDROCARBON	mg/kg			
CADMIUM	mg/kg	4.7	6.6	5.5
CADMIUM EPTOXICITY	mg/l			
CARBON DISULFIDE	mg/kg	U	U	U
CARBON TETRACHLORIDE	mg/kg	U	U	U
CHLORDANE	mg/kg			
CHLOROBENZENE	mg/kg	4 J	12	U
CHLOROETHANE	mg/kg	U	U	U
CHLOROFORM	mg/kg	U	U	U
CHLOROMETHANE	mg/kg	U	U	U
CHROMIUM EPTOXICITY	mg/l			
CHRYSENE	mg/kg			
CIS-1,3-DICHLOROPROPENE	mg/kg	U	U	U
COPPER	mg/kg			
CYANIDE	mg/kg			
DECANE	mg/kg			
DI-N-BUTYL PHTHALATE	mg/kg			
DI-N-OCTYL PHTHALATE	mg/kg			
DIBENZO(AH)ANTHRACENE	mg/kg			
DIBENZOFURAN	mg/kg			
DIBROMOCHLOROMETHANE	mg/kg	U	U	U
DIELDRIN	mg/kg			
DIETHYL PHTHALATE	mg/kg			

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-14-2	SB-14-5	SB-9-4
DIMETHYL PHTHALATE	mg/kg			
ENDOSULFAN SULFATE	mg/kg			
ENDRIN	mg/kg			
ENDRIN ALDEHYDE	mg/kg			
ENDRIN KETONE	mg/kg			
ETHYLBENZENE	mg/kg			
FLUORANTHENE	mg/kg			
FLUORENE	mg/kg			
FLUORIDE	mg/kg	470	710	820
HEPTACHLOR	mg/kg			
HEPTACHLOR EPOXIDE	mg/kg			
HEXACHLORO-BUTADIENE	mg/kg			
HEXACHLORO-CYCLOPENTADIENE	mg/kg			
HEXACHLOROBENZENE	mg/kg			
HEXACHLOROETHANE	mg/kg			
HEXAVALENT CHROMIUM	mg/kg			
INDENO(1,2,3-CD)PYRENE	mg/kg			
ISOPHORONE	mg/kg			
LEAD	mg/kg	7.4	47	52
LEAD EPTOXICITY	mg/l			
LINDANE	mg/kg			
MAGNESIUM	mg/kg			
MANGANESE	mg/kg			
MERCURY	mg/kg	<0.3	<0.3	<0.3
MERCURY EPTOXICITY	mg/l			
METHOXYCHLOR	mg/kg			
METHYLENE CHLORIDE	mg/kg	LCB	LCB	LCB
MOLYBDENUM	mg/kg			
N-NITROSODIPHENYLAMINE	mg/kg			
N-NITROSODIPROPYLAMINE	mg/kg			
NAPHTHALENE	mg/kg			
NITROBENZENE	mg/kg			
NONANE	mg/kg			
O-DICHLOROBENZENE	mg/kg		6	
OCTANE	mg/kg			
P-CHLORO-M-CRESOL	mg/kg			
PCB-1016	mg/kg			
PCB-1221	mg/kg			
PCB-1232	mg/kg			
PCB-1242	mg/kg			
PCB-1248	mg/kg			
PCB-1254	mg/kg			
PCB-1260	mg/kg			
PENTACHLOROPHENOL	mg/kg			
PERCENT SOLIDS	%	66.5	66.8	69.5
PHENANTHRENE	mg/kg			
PHENOL	ug/kg			
PYRENE	mg/kg			
SATURATED HYDROCARBON	ug/kg			
SELENIUM	mg/kg	<3	<4	<4
SELENIUM EPTOXICITY	mg/l			
SILVER	mg/kg			
SILVER EPTOXICITY	mg/l			
SOLIDS EPTOXICITY	%			
STYRENE	mg/kg	U	U	U
SUBSTITUTED CYCLOALKANE	mg/kg			

GOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-14-2	SB-14-5	SB-9-4
TETRACHLOROETHENE	mg/kg	U	U	U
TOLUENE	mg/kg	U	U	U
TOTAL CHROMIUM	mg/kg	47	49	51
TOTAL SOLIDS	%			
TOTAL XYLENES	mg/kg	U	U	U
TOXAPHENE	mg/kg			
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	U	U
TRICHLOROETHENE	mg/kg	U	U	U
VINYL ACETATE	mg/kg	U	U	U
VINYL CHLORIDE	mg/kg	U	U	U
ZINC	mg/kg			

PARKING LOT - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-4-1	SB-6A-1	PAGE 1 SB-6A-2	SB-85-1
(A-BHC)	mg/kg				U
(B-BHC)	mg/kg				U
(D-BHC)	mg/kg				U
1,1,1-TRICHLORDETHANE	mg/kg		U	U	U
1,1,2,2-TETRACHLORDETHANE	mg/kg		U	U	U
1,1,2-TRICHLORDETHANE	mg/kg		U	U	U
1,1-DICHLORDETHANE	mg/kg		U	U	U
1,1-DICHLORDETHENE	mg/kg		U	U	U
1,1-DIMETHYLCYCLOHEXANE	mg/kg				
1,2,4-TRICHLOROBENZENE	mg/kg				U
1,2-DICHLOROBENZENE	mg/kg				U
1,2-DICHLORDETHANE	mg/kg		U	U	U
1,2-DICHLORDETHENE	mg/kg		U	U	U
1,2-DICHLOROPROPANE	mg/kg		U	U	U
1,3-DICHLOROBENZENE	mg/kg				U
1,4-DICHLOROBENZENE	mg/kg				U
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg				
2,4,5-TRICHLOROPHENOL	mg/kg				U
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg				
2,4,6-TRICHLOROPHENOL	mg/kg				U
2,4-DICHLOROPHENOL	mg/kg				U
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg				
2,4-DIMETHYLPHENOL	mg/kg				U
2,4-DINITROPHENOL	mg/kg				U
2,4-DINITROTOLUENE	mg/kg				U
2,6-DINITROTOLUENE	mg/kg				U
2-BUTANONE	mg/kg		U	U	U
2-CHLOROANILINE	mg/kg				
2-CHLORDETHYL VINYL ETHER	mg/kg		U	U	U
2-CHLORONAPHTHALENE	mg/kg				U
2-CHLOROPHENOL	mg/kg				U
2-HEXANONE	mg/kg		U	U	U
2-METHYLHEPTANE	mg/kg				
2-METHYLNAPHTHALENE	mg/kg				U
2-METHYLOCTANE	mg/kg				
2-METHYLPHENOL	mg/kg				U
2-NAPHTHOL	mg/kg				
2-NITROANILINE	mg/kg				U
2-NITROPHENOL	mg/kg				U
3,3'-DICHLOROBENZIDINE	mg/kg				U
3-METHYLHEPTANE	mg/kg				
3-NITROANILINE	mg/kg				U
4,4-DDD	mg/kg				U
4,4-DDE	mg/kg				U
4,4-DDT	mg/kg				U
4,6-DINITRO-2-METHYLPHENOL	mg/kg				U
4-BR-PHENYL PHENYL ETHER	mg/kg				U
4-CHLOROANILINE	mg/kg				U
4-CL-PHENYL PHENYL ETHER	mg/kg				U
4-METHYL-2-PENTANONE	mg/kg		U	U	U
4-METHYLPHENOL	mg/kg				U
4-NITROANILINE	mg/kg				U
4-NITROPHENOL	mg/kg				U
A C4 SUBST. CYCLOHEXANE	mg/kg				
A DICHLOROBIPHENYL	mg/kg				

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-4-1	SB-6A-1	PAGE 2 SB-6A-2	SB-85-1
A DIMETHYLCYCLOHEXANE	mg/kg				
A TRIMETHYLCYCLOHEXANE	mg/kg				
A-ENDOSULFAN	mg/kg				U
ACENAPHTHENE	mg/kg				U
ACENAPHTHYLENE	mg/kg				U
ACETONE	mg/kg		LCB	LCB	10
ALDRIN	mg/kg				U
ANTHRACENE	mg/kg				U
ANTIMONY	mg/kg				<28
ARSENIC	mg/kg	<6	<4		2.5
ARSENIC EPTOXICITY	mg/l			<2.5	
B-ENDOSULFAN	mg/kg				U
BARIUM	mg/kg	53	17.1		34
BARIUM EPTOXICITY	mg/l			<10	
BENZENE	mg/kg		U	U	U
BENZO(A)ANTHRACENE	mg/kg				U
BENZO(A)PYRENE	mg/kg				U
BENZO(B)FLOURANTHENE	mg/kg				
BENZO(B)FLUORANTHENE	mg/kg				U
BENZO(GHI)PERYLENE	mg/kg				U
BENZO(K)FLUORANTHENE	mg/kg				U
BENZOIC ACID	mg/kg				U
BENZYL ALCOHOL	mg/kg				U
BENZYL BUTYL PHTHALATE	mg/kg				U
BIS(2-CHLOROETHYL) ETHER	mg/kg				U
BIS(2-CL-ETHOXY) METHANE	mg/kg				U
BIS(2-CL-ISOPROPYL) ETHER	mg/kg				U
BIS(2-ET-HEXYL) PHTHALATE	mg/kg				U
BROMODICHLOROMETHANE	mg/kg		U	U	U
BROMOFORM	mg/kg		U	U	U
BROMOMETHANE	mg/kg		U	U	U
C10H18 HYDROCARBON	mg/kg				
C11 SATURATED HYDROCARBON	mg/kg				
C9 SATURATED HYDROCARBON	mg/kg				
CADMIUM	mg/kg	3.2	9.3		2.2
CADMIUM EPTOXICITY	mg/l			<0.5	
CARBON DISULFIDE	mg/kg		U	U	U
CARBON TETRACHLORIDE	mg/kg		U	U	U
CHLORDANE	mg/kg				U
CHLOROBENZENE	mg/kg		U	U	U
CHLOROETHANE	mg/kg		U	U	U
CHLOROFORM	mg/kg		U	U	U
CHLOROMETHANE	mg/kg		U	U	U
CHROMIUM EPTOXICITY	mg/l			<2.5	
CHRYSENE	mg/kg				U
CIS-1,3-DICHLOROPROPENE	mg/kg		U	U	U
COPPER	mg/kg				8.4
CYANIDE	mg/kg				
DECANE	mg/kg				
DI-N-BUTYL PHTHALATE	mg/kg				U
DI-N-OCTYL PHTHALATE	mg/kg				U
DIBENZO(AH)ANTHRACENE	mg/kg				U
DIBENZOFURAN	mg/kg				U
DIBROMOCHLOROMETHANE	mg/kg		U	U	U
DIELDRIN	mg/kg				U
DIETHYL PHTHALATE	mg/kg				U

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-4-1	SB-6A-1	PAGE SB-6A-2	3 SB-85-1
DIMETHYL PHTHALATE	mg/kg				U
ENDOSULFAN SULFATE	mg/kg				U
ENDRIN	mg/kg				U
ENDRIN ALDEHYDE	mg/kg				U
ENDRIN KETONE	mg/kg				U
ETHYLBENZENE	mg/kg			U	
FLUORANTHENE	mg/kg				U
FLUORENE	mg/kg				U
FLUORIDE	mg/kg	73	76		550
HEPTACHLOR	mg/kg				U
HEPTACHLOR EPOXIDE	mg/kg				U
HEXACHLORO-BUTADIENE	mg/kg				U
HEXACHLORO-CYCLOPENTADIENE	mg/kg				U
HEXACHLOROBENZENE	mg/kg				U
HEXACHLOROETHANE	mg/kg				
HEXAVALENT CHROMIUM	mg/kg				<0.6
INDENO(1,2,3-CD)PYRENE	mg/kg				U
ISOPHORONE	mg/kg				U
LEAD	mg/kg	35	5.8		19.6
LEAD EPTOXICITY	mg/l			<2.5	
LINDANE	mg/kg				U
MAGNESIUM	mg/kg				22000
MANGANESE	mg/kg				129
MERCURY	mg/kg	<0.3	<0.3		<0.2
MERCURY EPTOXICITY	mg/l			<0.04	
METHOXYCHLOR	mg/kg				U
METHYLENE CHLORIDE	mg/kg		LCB	LCB	LCB
MOLYBDENUM	mg/kg				<42
N-NITROSODIPHENYLAMINE	mg/kg				U
N-NITROSODIPROPYLAMINE	mg/kg				U
NAPHTHALENE	mg/kg				U
NITROBENZENE	mg/kg				U
NONANE	mg/kg				
O-DICHLOROBENZENE	mg/kg				
OCTANE	mg/kg				
P-CHLORO-M-CRESOL	mg/kg				U
PCB-1016	mg/kg				U
PCB-1221	mg/kg				U
PCB-1232	mg/kg				U
PCB-1242	mg/kg				U
PCB-1248	mg/kg				U
PCB-1254	mg/kg				U
PCB-1260	mg/kg				U
PENTACHLOROPHENOL	mg/kg				U
PERCENT SOLIDS	%	83.2	85.6		88.1
PHENANTHRENE	mg/kg				U
PHENOL	ug/kg				U
PYRENE	mg/kg				U
SATURATED HYDROCARBON	ug/kg				
SELENIUM	mg/kg	<3	<2		<2
SELENIUM EPTOXICITY	mg/l			<1	
SILVER	mg/kg				
SILVER EPTOXICITY	mg/l			<2	
SOLIDS EPTOXICITY	%			92.6	
STYRENE	mg/kg		U	U	U
SUBSTITUTED CYCLOALKANE	mg/kg				

PARKING LOT - FILL/WASTE

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-4-1	SB-6A-1	PAGE 4 SB-6A-2	SB-B5-1
TETRACHLOROETHENE	mg/kg		U	U	U
TOLUENE	mg/kg		U	U	U
TOTAL CHROMIUM	mg/kg	1200	5800		16.5
TOTAL SOLIDS	%				
TOTAL XYLENES	mg/kg		U	U	U
TOXAPHENE	mg/kg				U
TRANS-1,3-DICHLOROPROPENE	mg/kg		U	U	U
TRICHLOROETHENE	mg/kg		U	U	U
VINYL ACETATE	mg/kg		U	U	U
VINYL CHLORIDE	mg/kg		U	U	U
ZINC	mg/kg				38

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-45-4	SB-1-1	PAGE 1 SB-6-2	SB-7-5	SB-9-5	SB-85-4
(A-BHC)	mg/kg						
(B-BHC)	mg/kg						
(D-BHC)	mg/kg						
1,1,1-TRICHLOROETHANE	mg/kg						
1,1,2,2-TETRACHLOROETHANE	mg/kg						
1,1,2-TRICHLOROETHANE	mg/kg						
1,1-DICHLOROETHANE	mg/kg						
1,1-DICHLOROETHENE	mg/kg						
1,1-DIMETHYLCYCLOHEXANE	mg/kg						
1,2,4-TRICHLOROBENZENE	mg/kg						
1,2-DICHLOROBENZENE	mg/kg						
1,2-DICHLOROETHANE	mg/kg						
1,2-DICHLOROETHENE	mg/kg						
1,2-DICHLOROPROPANE	mg/kg						
1,3-DICHLOROBENZENE	mg/kg						
1,4-DICHLOROBENZENE	mg/kg						
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg						
2,4,5-TRICHLOROPHENOL	mg/kg						
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg						
2,4,6-TRICHLOROPHENOL	mg/kg						
2,4-DICHLOROPHENOL	mg/kg						
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg						
2,4-DIMETHYLPHENOL	mg/kg						
2,4-DINITROPHENOL	mg/kg						
2,4-DINITROTOLUENE	mg/kg						
2,6-DINITROTOLUENE	mg/kg						
2-BUTANONE	mg/kg						
2-CHLOROANILINE	mg/kg						
2-CHLOROETHYL VINYL ETHER	mg/kg						
2-CHLORONAPHTHALENE	mg/kg						
2-CHLOROPHENOL	mg/kg						
2-HEXANONE	mg/kg						
2-METHYLHEPTANE	mg/kg						
2-METHYLNAPHTHALENE	mg/kg						
2-METHYLOCTANE	mg/kg						
2-METHYLPHENOL	mg/kg						
2-NAPHTHOL	mg/kg						
2-NITROANILINE	mg/kg						
2-NITROPHENOL	mg/kg						
3,3'-DICHLOROBENZIDINE	mg/kg						
3-METHYLHEPTANE	mg/kg						
3-NITROANILINE	mg/kg						
4,4-DDD	mg/kg						
4,4-DDE	mg/kg						
4,4-DDT	mg/kg						
4,6-DINITRO-2-METHYLPHENOL	mg/kg						
4-BR-PHENYL PHENYL ETHER	mg/kg						
4-CHLOROANILINE	mg/kg						
4-CL-PHENYL PHENYL ETHER	mg/kg						
4-METHYL-2-PENTANONE	mg/kg						
4-METHYLPHENOL	mg/kg						
4-NITROANILINE	mg/kg						
4-NITROPHENOL	mg/kg						
A C4 SUBST. CYCLOHEXANE	mg/kg						
A DICHLOROBIPHENYL	mg/kg						

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-45-4	SB-1-1	SB-6-2	SB-7-5	SB-8-5	SB-85-4
A DIMETHYLCYCLOHEXANE	mg/kg						
A TRIMETHYLCYCLOHEXANE	mg/kg						
A-ENDOSULFAN	mg/kg						
ACENAPHTHENE	mg/kg						
ACENAPHTHYLENE	mg/kg						
ACETONE	mg/kg						
ALDRIN	mg/kg						
ANTHRACENE	mg/kg						
ANTIMONY	mg/kg						
ARSENIC	mg/kg	<6			<4		
ARSENIC EPTOXICITY	mg/l		<2.5	<2.5		<2.5	<2.5
B-ENDOSULFAN	mg/kg						
BARIUM	mg/kg	<22			24		
BARIUM EPTOXICITY	mg/l		<10	<10		<10	<10
BENZENE	mg/kg						
BENZO(A)ANTHRACENE	mg/kg						
BENZO(A)PYRENE	mg/kg						
BENZO(B)FLOURANTHENE	mg/kg						
BENZO(B)FLUORANTHENE	mg/kg						
BENZO(GHI)PERYLENE	mg/kg						
BENZO(K)FLUORANTHENE	mg/kg						
BENZOIC ACID	mg/kg						
BENZYL ALCOHOL	mg/kg						
BENZYL BUTYL PHTHALATE	mg/kg						
BIS(2-CHLOROETHYL) ETHER	mg/kg						
BIS(2-CL-ETHOXY) METHANE	mg/kg						
BIS(2-CL-ISOPROPYL) ETHER	mg/kg						
BIS(2-ET-HEXYL) PHTHALATE	mg/kg						
BROMODICHLOROMETHANE	mg/kg						
BROMOFORM	mg/kg						
BROMOMETHANE	mg/kg						
C10H18 HYDROCARBON	mg/kg						
C11 SATURATED HYDROCARBON	mg/kg						
C9 SATURATED HYDROCARBON	mg/kg						
CADMIUM	mg/kg	<0.6			2.2		
CADMIUM EPTOXICITY	mg/l		<0.5	<0.5		<0.5	<0.5
CARBON DISULFIDE	mg/kg						
CARBON TETRACHLORIDE	mg/kg						
CHLORDANE	mg/kg						
CHLOROBENZENE	mg/kg						
CHLOROETHANE	mg/kg						
CHLOROFORM	mg/kg						
CHLOROMETHANE	mg/kg						
CHROMIUM EPTOXICITY	mg/l		<2.5	<2.5		<2.5	<2.5
CHRYSENE	mg/kg						
CIS-1,3-DICHLOROPROPENE	mg/kg						
COPPER	mg/kg						
CYANIDE	mg/kg						
DECANE	mg/kg						
DI-N-BUTYL PHTHALATE	mg/kg						
DI-N-OCTYL PHTHALATE	mg/kg						
DIBENZO(AH)ANTHRACENE	mg/kg						
DIBENZOFURAN	mg/kg						
DIBROMOCHLOROMETHANE	mg/kg						
DIELDRIN	mg/kg						
DIETHYL PHTHALATE	mg/kg						

PARKING LOT - SAND

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	MW-45-4	SB-1-1	SB-6-2	SB-7-5	SB-8-5	SB-85-4
DIMETHYL PHTHALATE	mg/kg						
ENDOSULFAN SULFATE	mg/kg						
ENDRIN	mg/kg						
ENDRIN ALDEHYDE	mg/kg						
ENDRIN KETONE	mg/kg						
ETHYLBENZENE	mg/kg						
FLUORANTHENE	mg/kg						
FLUORENE	mg/kg						
FLUORIDE	mg/kg	140			194		
HEPTACHLOR	mg/kg						
HEPTACHLOR EPOXIDE	mg/kg						
HEXACHLORO-BUTADIENE	mg/kg						
HEXACHLORO-CYCLOPENTADIENE	mg/kg						
HEXACHLOROBENZENE	mg/kg						
HEXACHLOROETHANE	mg/kg						
HEXAVALENT CHROMIUM	mg/kg						
INDENO(1,2,3-CD)PYRENE	mg/kg						
ISOPHORONE	mg/kg						
LEAD	mg/kg	1.75			2.4		
LEAD EPTOXICITY	mg/l		<2.5	<2.5		<2.5	<2.5
LINDANE	mg/kg						
MAGNESIUM	mg/kg						
MANGANESE	mg/kg						
MERCURY	mg/kg	.25			<0.2		
MERCURY EPTOXICITY	mg/l		<0.04	<0.04		<0.04	<0.04
METHOXYCHLOR	mg/kg						
METHYLENE CHLORIDE	mg/kg						
MOLYBDENUM	mg/kg						
N-NITROSODIPHENYLAMINE	mg/kg						
N-NITROSODIPROPYLAMINE	mg/kg						
NAPHTHALENE	mg/kg						
NITROBENZENE	mg/kg						
NONANE	mg/kg						
O-DICHLOROBENZENE	mg/kg						
OCTANE	mg/kg						
P-CHLORO-M-CRESOL	mg/kg						
PCB-1016	mg/kg						
PCB-1221	mg/kg						
PCB-1232	mg/kg						
PCB-1242	mg/kg						
PCB-1248	mg/kg						
PCB-1254	mg/kg						
PCB-1260	mg/kg						
PENTACHLOROPHENOL	mg/kg						
PERCENT SOLIDS	%	86.7		90.8	94.5		
PHENANTHRENE	mg/kg						
PHENOL	ug/kg						
PYRENE	mg/kg						
SATURATED HYDROCARBON	ug/kg						
SELENIUM	mg/kg	<3			<2		
SELENIUM EPTOXICITY	mg/l		<1	<1		<1	<1
SILVER	mg/kg						
SILVER EPTOXICITY	mg/l		<2	<2		<2	<2
SOLIDS EPTOXICITY	%		70.0			93.7	86.9
STYRENE	mg/kg						
SUBSTITUTED CYCLOALKANE	mg/kg						

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS MW-45-4	SB-1-1	PAGE 4 SB-6-2	SB-7-5	SB-8-5	SB-85-4
TETRACHLORDETHENE	mg/kg						
TOLUENE	mg/kg						
TOTAL CHROMIUM	mg/kg	5.0			11.7		
TOTAL SOLIDS	%						
TOTAL XYLENES	mg/kg						
TOXAPHENE	mg/kg						
TRANS-1,3-DICHLOROPROPENE	mg/kg						
TRICHLORDETHENE	mg/kg						
VINYL ACETATE	mg/kg						
VINYL CHLORIDE	mg/kg						
ZINC	mg/kg						

PARKING LOT - SILT

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS

PARAMETERS	UNITS	SB-2-2	SB-2-3
(A-BHC)	mg/kg		
(B-BHC)	mg/kg		
(D-BHC)	mg/kg		
1,1,1-TRICHLOROETHANE	mg/kg	U	
1,1,2,2-TETRACHLOROETHANE	mg/kg	U	
1,1,2-TRICHLOROETHANE	mg/kg	U	
1,1-DICHLOROETHANE	mg/kg	U	
1,1-DICHLOROETHENE	mg/kg	U	
1,1-DIMETHYLCYCLOHEXANE	mg/kg		
1,2,4-TRICHLOROBENZENE	mg/kg		
1,2-DICHLOROBENZENE	mg/kg		
1,2-DICHLOROETHANE	mg/kg	U	
1,2-DICHLOROETHENE	mg/kg	U	
1,2-DICHLOROPROPANE	mg/kg	U	
1,3-DICHLOROBENZENE	mg/kg		
1,4-DICHLOROBENZENE	mg/kg		
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg		
2,4,5-TRICHLOROPHENOL	mg/kg		
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg		
2,4,6-TRICHLOROPHENOL	mg/kg		
2,4-DICHLOROPHENOL	mg/kg		
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg		
2,4-DIMETHYLPHENOL	mg/kg		
2,4-DINITROPHENOL	mg/kg		
2,4-DINITROTOLUENE	mg/kg		
2,6-DINITROTOLUENE	mg/kg		
2-BUTANONE	mg/kg	U	
2-CHLOROANILINE	mg/kg		
2-CHLOROETHYL VINYL ETHER	mg/kg	U	
2-CHLORONAPHTHALENE	mg/kg		
2-CHLOROPHENOL	mg/kg		
2-HEXANONE	mg/kg	U	
2-METHYLHEPTANE	mg/kg		
2-METHYLNAPHTHALENE	mg/kg		
2-METHYLOCTANE	mg/kg		
2-METHYLPHENOL	mg/kg		
2-NAPHTHOL	mg/kg		
2-NITROANILINE	mg/kg		
2-NITROPHENOL	mg/kg		
3,3'-DICHLOROBENZIDINE	mg/kg		
3-METHYLHEPTANE	mg/kg		
3-NITROANILINE	mg/kg		
4,4-DDD	mg/kg		
4,4-DDE	mg/kg		
4,4-DDT	mg/kg		
4,6-DINITRO-2-METHYLPHENOL	mg/kg		
4-BR-PHENYL PHENYL ETHER	mg/kg		
4-CHLOROANILINE	mg/kg		
4-CL-PHENYL PHENYL ETHER	mg/kg		
4-METHYL-2-PENTANONE	mg/kg	U	
4-METHYLPHENOL	mg/kg		
4-NITROANILINE	mg/kg		
4-NITROPHENOL	mg/kg		
A C4 SUBST. CYCLOHEXANE	mg/kg		
A DICHLOROBIPHENYL	mg/kg		

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SAMPLE NUMBERS SB-2-2	SB-2-3
A DIMETHYLCYCLOHEXANE	mg/kg		
A TRIMETHYLCYCLOHEXANE	mg/kg		
A-ENDOSULFAN	mg/kg		
ACENAPHTHENE	mg/kg		
ACENAPHTHYLENE	mg/kg		
ACETONE	mg/kg	LCB	
ALDRIN	mg/kg		
ANTHRACENE	mg/kg		
ANTIMONY	mg/kg		
ARSENIC	mg/kg	7.2	<7
ARSENIC EPTOXICITY	mg/l		
B-ENDOSULFAN	mg/kg		
BARIUM	mg/kg	149	181
BARIUM EPTOXICITY	mg/l		
BENZENE	mg/kg	U	
BENZO(A)ANTHRACENE	mg/kg		
BENZO(A)PYRENE	mg/kg		
BENZO(B)FLOURANTHENE	mg/kg		
BENZO(B)FLUORANTHENE	mg/kg		
BENZO(GHI)PERYLENE	mg/kg		
BENZO(K)FLUORANTHENE	mg/kg		
BENZOIC ACID	mg/kg		
BENZYL ALCOHOL	mg/kg		
BENZYL BUTYL PHTHALATE	mg/kg		
BIS(2-CHLOROETHYL) ETHER	mg/kg		
BIS(2-CL-ETHOXY) METHANE	mg/kg		
BIS(2-CL-ISOPROPYL) ETHER	mg/kg		
BIS(2-ET-HEXYL) PHTHALATE	mg/kg		
BROMODICHLOROMETHANE	mg/kg	U	
BROMOFORM	mg/kg	U	
BROMOMETHANE	mg/kg	U	
C10H18 HYDROCARBON	mg/kg		
C11 SATURATED HYDROCARBON	mg/kg		
C9 SATURATED HYDROCARBON	mg/kg		
CADMIUM	mg/kg	5.2	4.5
CADMIUM EPTOXICITY	mg/l		
CARBON DISULFIDE	mg/kg	U	
CARBON TETRACHLORIDE	mg/kg	U	
CHLORDANE	mg/kg		
CHLOROBENZENE	mg/kg	U	
CHLOROETHANE	mg/kg	U	
CHLOROFORM	mg/kg	U	
CHLOROMETHANE	mg/kg	U	
CHROMIUM EPTOXICITY	mg/l		
CHRYSENE	mg/kg		
CIS-1,3-DICHLOROPROPENE	mg/kg	U	
COPPER	mg/kg		
CYANIDE	mg/kg		
DECANE	mg/kg		
DI-N-BUTYL PHTHALATE	mg/kg		
DI-N-OCTYL PHTHALATE	mg/kg		
DIBENZO(AH)ANTHRACENE	mg/kg		
DIBENZOFURAN	mg/kg		
DIBROMOCHLOROMETHANE	mg/kg	U	
DIELDRIN	mg/kg		
DIETHYL PHTHALATE	mg/kg		

SOILDATA COMPARISON REPORT

PARAMETERS	UNITS	SB-2-2	SB-2-3
DIMETHYL PHTHALATE	mg/kg		
ENDOSULFAN SULFATE	mg/kg		
ENDRIN	mg/kg		
ENDRIN ALDEHYDE	mg/kg		
ENDRIN KETONE	mg/kg		
ETHYLBENZENE	mg/kg	U	
FLUORANTHENE	mg/kg		
FLUORENE	mg/kg		
FLUORIDE	mg/kg	380	570
HEPTACHLOR	mg/kg		
HEPTACHLOR EPOXIDE	mg/kg		
HEXACHLORO-BUTADIENE	mg/kg		
HEXACHLORO-CYCLOPENTADIENE	mg/kg		
HEXACHLOROBENZENE	mg/kg		
HEXACHLOROETHANE	mg/kg		
HEXAVALENT CHROMIUM	mg/kg		
INDENO(1,2,3-CD)PYRENE	mg/kg		
ISOPHORONE	mg/kg		
LEAD	mg/kg	33	21
LEAD EPTOXICITY	mg/l		
LINDANE	mg/kg		
MAGNESIUM	mg/kg		
MANGANESE	mg/kg		
MERCURY	mg/kg	<0.3	<0.5
MERCURY EPTOXICITY	mg/l		
METHOXYCHLOR	mg/kg		
METHYLENE CHLORIDE	mg/kg	LCB	
MOLYBDENUM	mg/kg		
N-NITROSODIPHENYLAMINE	mg/kg		
N-NITROSODIPROPYLAMINE	mg/kg		
NAPHTHALENE	mg/kg		
NITROBENZENE	mg/kg		
NONANE	mg/kg		
O-DICHLOROBENZENE	mg/kg		
OCTANE	mg/kg		
P-CHLORO-M-CRESOL	mg/kg		
PCB-1016	mg/kg		
PCB-1221	mg/kg		
PCB-1232	mg/kg		
PCB-1242	mg/kg		
PCB-1248	mg/kg		
PCB-1254	mg/kg		
PCB-1260	mg/kg		
PENTACHLOROPHENOL	mg/kg		
PERCENT SOLIDS	%	79.3	66.2
PHENANTHRENE	mg/kg		
PHENOL	ug/kg		
PYRENE	mg/kg		
SATURATED HYDROCARBON	ug/kg		
SELENIUM	mg/kg	<4	<4
SELENIUM EPTOXICITY	mg/l		
SILVER	mg/kg		
SILVER EPTOXICITY	mg/l		
SOLIDS EPTOXICITY	%		
STYRENE	mg/kg	U	
SUBSTITUTED CYCLOALKANE	mg/kg		

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS

PARAMETERS	UNITS	SB-2-2	SB-2-3
TETRACHLOROETHENE	mg/kg	U	
TOLUENE	mg/kg	U	
TOTAL CHROMIUM	mg/kg	193	40
TOTAL SOLIDS	%		
TOTAL XYLENES	mg/kg	U	
TOXAPHENE	mg/kg		
TRANS-1,3-DICHLOROPROPENE	mg/kg	U	
TRICHLOROETHENE	mg/kg	U	
VINYL ACETATE	mg/kg	U	
VINYL CHLORIDE	mg/kg	U	
ZINC	mg/kg		

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 1

PARAMETERS	UNITS	MW-45-5
(A-BHC)	mg/kg	
(B-BHC)	mg/kg	
(D-BHC)	mg/kg	
1,1,1-TRICHLOROETHANE	mg/kg	
1,1,2,2-TETRACHLOROETHANE	mg/kg	
1,1,2-TRICHLOROETHANE	mg/kg	
1,1-DICHLOROETHANE	mg/kg	
1,1-DICHLOROETHENE	mg/kg	
1,1-DIMETHYLCYCLOHEXANE	mg/kg	
1,2,4-TRICHLOROBENZENE	mg/kg	
1,2-DICHLOROBENZENE	mg/kg	
1,2-DICHLOROETHANE	mg/kg	
1,2-DICHLOROETHENE	mg/kg	
1,2-DICHLOROPROPANE	mg/kg	
1,3-DICHLOROBENZENE	mg/kg	
1,4-DICHLOROBENZENE	mg/kg	
1-ETHYL-1-METHYLCYCLOPENTANE	mg/kg	
2,4,5-TRICHLOROPHENOL	mg/kg	
2,4,5-TRICHLOROPHENOXYPROPIONIC	mg/kg	
2,4,6-TRICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOL	mg/kg	
2,4-DICHLOROPHENOXYACETIC ACID	mg/kg	
2,4-DIMETHYLPHENOL	mg/kg	
2,4-DINITROPHENOL	mg/kg	
2,4-DINITROTOLUENE	mg/kg	
2,6-DINITROTOLUENE	mg/kg	
2-BUTANONE	mg/kg	
2-CHLOROANILINE	mg/kg	
2-CHLOROETHYL VINYL ETHER	mg/kg	
2-CHLORONAPHTHALENE	mg/kg	
2-CHLOROPHENOL	mg/kg	
2-HEXANONE	mg/kg	
2-METHYLHEPTANE	mg/kg	
2-METHYLNAPHTHALENE	mg/kg	
2-METHYLOCTANE	mg/kg	
2-METHYLPHENOL	mg/kg	
2-NAPHTHOL	mg/kg	
2-NITROANILINE	mg/kg	
2-NITROPHENOL	mg/kg	
3,3'-DICHLOROBENZIDINE	mg/kg	
3-METHYLHEPTANE	mg/kg	
3-NITROANILINE	mg/kg	
4,4-DDD	mg/kg	
4,4-DDE	mg/kg	
4,4-DDT	mg/kg	
4,6-DINITRO-2-METHYLPHENOL	mg/kg	
4-BR-PHENYL PHENYL ETHER	mg/kg	
4-CHLOROANILINE	mg/kg	
4-CL-PHENYL PHENYL ETHER	mg/kg	
4-METHYL-2-PENTANONE	mg/kg	
4-METHYLPHENOL	mg/kg	
4-NITROANILINE	mg/kg	
4-NITROPHENOL	mg/kg	
A C4 SUBST. CYCLOHEXANE	mg/kg	
A DICHLOROBIPHENYL	mg/kg	

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 2

PARAMETERS	UNITS	MW-45-5
A DIMETHYLCYCLOHEXANE	mg/kg	
A TRIMETHYLCYCLOHEXANE	mg/kg	
A-ENDOSULFAN	mg/kg	
ACENAPHTHENE	mg/kg	
ACENAPHTHYLENE	mg/kg	
ACETONE	mg/kg	
ALDRIN	mg/kg	
ANTHRACENE	mg/kg	
ANTIMONY	mg/kg	
ARSENIC	mg/kg	
ARSENIC EPTOXICITY	mg/l	<2.5
B-ENDOSULFAN	mg/kg	
BARIUM	mg/kg	
BARIUM EPTOXICITY	mg/l	<10
BENZENE	mg/kg	
BENZO(A)ANTHRACENE	mg/kg	
BENZO(A)PYRENE	mg/kg	
BENZO(B)FLOURANTHENE	mg/kg	
BENZO(B)FLUORANTHENE	mg/kg	
BENZO(GHI)PERYLENE	mg/kg	
BENZO(K)FLUORANTHENE	mg/kg	
BENZOIC ACID	mg/kg	
BENZYL ALCOHOL	mg/kg	
BENZYL BUTYL PHTHALATE	mg/kg	
BIS(2-CHLOROETHYL) ETHER	mg/kg	
BIS(2-CL-ETHOXY) METHANE	mg/kg	
BIS(2-CL-ISOPROPYL) ETHER	mg/kg	
BIS(2-ET-HEXYL) PHTHALATE	mg/kg	
BROMODICHLOROMETHANE	mg/kg	
BROMOFORM	mg/kg	
BROMOMETHANE	mg/kg	
C10H18 HYDROCARBON	mg/kg	
C11 SATURATED HYDROCARBON	mg/kg	
C9 SATURATED HYDROCARBON	mg/kg	
CADMIUM	mg/kg	
CADMIUM EPTOXICITY	mg/l	<0.5
CARBON DISULFIDE	mg/kg	
CARBON TETRACHLORIDE	mg/kg	
CHLORDANE	mg/kg	
CHLOROBENZENE	mg/kg	
CHLOROETHANE	mg/kg	
CHLOROFORM	mg/kg	
CHLOROMETHANE	mg/kg	
CHROMIUM EPTOXICITY	mg/l	<2.5
CHRYSENE	mg/kg	
CIS-1,3-DICHLOROPROPENE	mg/kg	
COPPER	mg/kg	
CYANIDE	mg/kg	
DECANE	mg/kg	
DI-N-BUTYL PHTHALATE	mg/kg	
DI-N-OCTYL PHTHALATE	mg/kg	
DIBENZO(AH)ANTHRACENE	mg/kg	
DIBENZOFURAN	mg/kg	
DIBROMOCHLOROMETHANE	mg/kg	
DIELDRIN	mg/kg	
DIETHYL PHTHALATE	mg/kg	

SOILDATA COMPARISON REPORT

SAMPLE NUMBERS PAGE 3

PARAMETERS	UNITS	MW-45-5
DIMETHYL PHTHALATE	mg/kg	
ENDOSULFAN SULFATE	mg/kg	
ENDRIN	mg/kg	
ENDRIN ALDEHYDE	mg/kg	
ENDRIN KETONE	mg/kg	
ETHYLBENZENE	mg/kg	
FLUORANTHENE	mg/kg	
FLUORENE	mg/kg	
FLUORIDE	mg/kg	
HEPTACHLOR	mg/kg	
HEPTACHLOR EPOXIDE	mg/kg	
HEXACHLORO-BUTADIENE	mg/kg	
HEXACHLORO-CYCLOPENTADIENE	mg/kg	
HEXACHLOROBENZENE	mg/kg	
HEXACHLOROETHANE	mg/kg	
HEXAVALENT CHROMIUM	mg/kg	
INDENO(1,2,3-CD)PYRENE	mg/kg	
ISOPHORONE	mg/kg	
LEAD	mg/kg	
LEAD EPTOXICITY	mg/l	<2.5
LINDANE	mg/kg	
MAGNESIUM	mg/kg	
MANGANESE	mg/kg	
MERCURY	mg/kg	
MERCURY EPTOXICITY	mg/l	<0.04
METHOXYCHLOR	mg/kg	
METHYLENE CHLORIDE	mg/kg	
MOLYBDENUM	mg/kg	
N-NITROSODIPHENYLAMINE	mg/kg	
N-NITROSODIPROPYLAMINE	mg/kg	
NAPHTHALENE	mg/kg	
NITROBENZENE	mg/kg	
NONANE	mg/kg	
O-DICHLOROBENZENE	mg/kg	
OCTANE	mg/kg	
P-CHLORO-M-CRESOL	mg/kg	
PCB-1016	mg/kg	
PCB-1221	mg/kg	
PCB-1232	mg/kg	
PCB-1242	mg/kg	
PCB-1248	mg/kg	
PCB-1254	mg/kg	
PCB-1260	mg/kg	
PENTACHLOROPHENOL	mg/kg	
PERCENT SOLIDS	%	
PHENANTHRENE	mg/kg	
PHENOL	ug/kg	
PYRENE	mg/kg	
SATURATED HYDROCARBON	ug/kg	
SELENIUM	mg/kg	
SELENIUM EPTOXICITY	mg/l	<1
SILVER	mg/kg	
SILVER EPTOXICITY	mg/l	<1
SOLIDS EPTOXICITY	%	87.8
STYRENE	mg/kg	
SUBSTITUTED CYCLOALKANE	mg/kg	

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PARAMETERS	UNITS	MW-45-5
TETRACHLOROETHENE	mg/kg	
TOLUENE	mg/kg	
TOTAL CHROMIUM	mg/kg	
TOTAL SOLIDS	%	
TOTAL XYLENES	mg/kg	
TOXAPHENE	mg/kg	
TRANS-1,3-DICHLOROPROPENE	mg/kg	
TRICHLOROETHENE	mg/kg	
VINYL ACETATE	mg/kg	
VINYL CHLORIDE	mg/kg	
ZINC	mg/kg	

APPENDIX X

SURFACE WATER ANALYTICAL RESULTS

SURFACE WATER SAMPLE LOCATIONS

Sampling Station	Description of Sampling Locations
A	FEEDER CANAL AT WESTERN END OF ABANDONED QUARRY
B	ABONDONED QUARRY, 40' SOUTH OF RT 32, 250' WEST OF MW-24
C	FEEDER CANAL APPROXIMATELY 610' EAST OF RT 32
D	CEMENT CO. POND EAST END OF POND AT DISCHARGE POINT
E	UPSTREAM BANK OF HUDSON RIVER APPROX. 90' EAST OF CONVEYOR BRIDGE
EMC	UPSTREAM HUDSON RIVER MAIN CHANNEL FROM CENTER OF CONVEYOR BRIDGE
F	DOWNSTREAM BANK OF HUDSON RIVER APPROX. 13' EAST & 113' SOUTH FROM MW-1.
G	DOWNSTREAM BANK OF HUDSON RIVER APPROX. 3500' DOWNSTREAM FROM MAIN PLANT SITE
H	PLANT SITE BANK OF HUDSON RIVER SOUTHWEST OF MW-27
I	PLANT SITE BANK OF HUDSON RIVER SOUTH OF BUILDING 8

SURFACE WATER SAMPLES

- April & June 1987 - Misc. Constituents -

Lab ID	Sample	Date	Colifora Tot. Col. per 100 ml.	pH	Turb-ity (NTU)	Specific Cond. umhos/cm.	Phenols ug./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyClor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
71590	A	15-Jun-87	13500	6.9	< .1	79	< .005	5.0	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		52	14.0
71591	A filtered	15-Jun-87																
71594	C	15-Jun-87	11200	7.8	1.2	79	< .005	5.1	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		44	12.7
71595	C filtered	15-Jun-87																
	B	15-Apr-87	TNTC**	8.0	4.10	630	< .005	10.0	< .020	< .1	< .05	< .5	< 1.0	< 10	< 1	12.90	390	120
71592	B	15-Jun-87	> 121	8.1	2.6	360	< .005	9.4	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		212	66
71593	B filtered	15-Jun-87																
	D	16-Apr-87	TNTC**	8.9	1.4	630	< .005	9.3	0.054	< .1	< .05	< .5	< 1.0	< 10	< 1	9.35	448	79
71662	D	16-Jun-87	121	8.9	2.1	370	< .005	6.9	0.038	< .10	< .05	< .5	< 1.0	< 10	< 1		224	39
71663	D filtered	16-Jun-87																
	E	15-Apr-87	2700	7.3	0.72	75	< .005	< 5	0.106	< .1	< .05	< .5	< 1.0	< 10	< 1	12.25	120	8.4
	E MC	16-Apr-87	800	7.2	0.64	88	< .005	< 5	0.142	< .1	< .05	< .5	< 1.0	< 10	< 1	12.20	70	8.1
71664	E MC	16-Jun-87	6700	8.0	1.8	109	< .005	7.3	0.25	< .10	< .05	< .5	< 1.0	< 10	< 1		70	11.7
71665	E MC filtered	16-Jun-87																
71666	E	16-Jun-87	6500	7.2	1.2	100	< .005	6.3	0.23	< .10	< .05	< .5	< 1.0	< 10	< 1		70	10.3
71667	E filtered	16-Jun-87																
	H	15-Apr-87	1400	7.3	0.76	69	< .005	< 5	0.105	< .1	< .05	< .5	< 1.0	< 10	< 1	12.35	100	8.7
71672	H	16-Jun-87	6800	7.3	1.4	115	< .005	6.8	0.38	< .10	< .05	< .5	< 1.0	< 10	< 1		76	11.0
71673	H filtered	16-Jun-87																

SURFACE WATER SAMPLES

- April & June 1987 - Inorganic Constituents -

Lab ID	Sample	Date	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	I	15-Apr-87	4.2	< .02	< .1	0.33	< .05	<.06	< .1	< .2	< .005	< .025	< .005	< .1	< 5	0.020	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	12.6	6.6	< 5
71674	I	16-Jun-87	7.2	< .02	< .1	0.35	< .05																	19.7		
71675	I filtered	16-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.12	< 5	0.023	< .1	< .0002	< .005	< .01	7.8	< .02	< .01		11.6	< 5
	F	16-Apr-87	4.7	< .02	< .1	0.44	< .05	<.06	< .1	< .2	< .005	< .025	< .005	< .1	< 5	0.023	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	12.9	6.7	< 5
71668	F	16-Jun-87	5.8	< .02	< .1	0.35	< .05																	15.8		
71669	F filtered	16-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.12	< 5	0.020	< .1	< .0002	< .005	< .01	5.1	< .02	< .01		9.5	< 5
	G	16-Apr-87	5.0	< .02	< .1	0.35	< .05	<.06	< .1	< .2	< .005	< .025	< .005	< .1	< 5	0.027	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	15.5	7.2	< 5
	G Dup.	16-Apr-87	5.1	< .02	< .1	0.32	< .05	<.06	< .1	< .2	< .005	< .025	< .005	< .1	< 5	0.026	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	14.6	7.3	92
71670	G	16-Jun-87	6.2	< .02	< .1	0.34	< .05																	14.3		
71671	G filtered	16-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.13	< 5	0.024	< .1	< .0002	< .005	< .01	5.6	< .02	< .01		10.4	< 5

SURFACE WATER SAMPLES

- April & June 1987 - Misc. Constituents -

Lab ID	Sample	Date	Colifora Tot. Col. per 100 ml.	pH	Turb- ity (NTU)	Specific Cond. umhos/cm.	Phenols ug./L.	TOC mg./L.	TOX ug./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	Methoxyclor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	I	15-Apr-87	4000	7.3	0.77	67	0.005	< 5	0.108	< .1	< .05	< .5	< 1.0	< 10	< 1	12.35	94	8.6
71674	I	16-Jun-87	7700	7.2	2.4	112	< .005	6.2	0.24	< .10	< .05	< .5	< 1.0	< 10	< 1		90	12.2
71675	I filtered	16-Jun-87																
	F	16-Apr-87	3100	7.2	0.65	74	< .005	< 5	0.137	< .1	< .05	< .5	< 1.0	< 10	< 1	12.60	72	8.7
71668	F	16-Jun-87	3700	7.2	2.0	92	< .005	6.0	0.24	< .10	< .05	< .5	< 1.0	< 10	< 1		66	10.1
71669	F filtered	16-Jun-87																
	G	16-Apr-87	3200	7.2	0.65	75	< .005	< 5	0.147	< .1	< .05	< .5	< 1.0	< 10	< 1	12.05	68	8.5
	G Dup.	16-Apr-87	3900	7.2	0.64	75	< .005	< 5	0.144	< .1	< .05	< .5	< 1.0	< 10	< 1	12.10	80	9.6
71670	G	16-Jun-87	2700	7.2	1.0	93	< .005	5.9	0.20	< .10	< .05	< .5	< 1.0	< 10	< 1		66	10.6
71671	G filtered	16-Jun-87																

APPENDIX XI
GROUND WATER ANALYTICAL RESULTS

- GROUNDWATER ANALYSIS - INORGANIC PARAMETERS - 1987

- GROUNDWATER ANALYSIS - MISCELLANEOUS PARAMETERS - 1987

NOTES:	UPGRADIENT MONITORING WELLS	DOWNGRADIENT WELLS - East End of Plant Site	DOWNGRADIENT WELLS - West End of Plant Site
	1 MW-24, MW-23S & MW-23D - Between the Feeder Canal and Warren Street.	1 MW-2 and MW-1 - East of stormwater pond	1 MW-34, MW-35S & MW-35D - South of Building 56
	2 MW-18, MW-17A & MW-17 - North of Warren Street.	2 MW-5 and MW-4 - South of Building 9303 (Shipping Warehouse)	2 MW-28, MW-27S & MW-27D - SE corner of incineration area
	3 MW-37S - North of Building 10	3 MW-31, MW-30S and MW-30D - over bank, South of Building 45	3 MW-26, MW-25S & MW-25D - SW corner of incineration area
	4 MW-33S and MW-33D - North side of the West parking lot. (No Bentonite seal was installed between rock and overburden.)	4 MW-13 - off SE corner of Building 8	4 MW-8 & MW-9 - West middle of incineration area
		5 MW-29 - off SW corner of Building 8	5 MW-19 - East middle of incineration area
		6 MW-6 - off SE corner of Building 56	6 MW-20S & MW-20D - SE corner of South waste pile
		7 MW-10 - off NW corner of Building 7	7 MW-36S & MW-36D - SW corner of South waste pile
	5 MW-45 - North side of the East parking lot.	8 MW-21 - off NE corner of Building 8	8 MW-40S, MW-40D & MW-15- NW corner of North waste pile

GROUNDWATER ANALYSIS - INORGANIC PARAMETERS - 1987

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	UPGRADIENT MONITORING WELLS																									
	Surficial																									
	MW-24	Apr-87	12.9	< .02	0.22	5.2	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	10.6	<.015	< .1	<.0002	<.005	< .01	61	<.02	<.01	110	63	5.1
70898	MW-24	01-Jun-87	16.2	< .02	0.25	10.2	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	14.2	< .015	< .1	< .0002	< .005	< .01	53	< .02	< .01	75	83	< 5
	MW-18	Apr-87	530	< .02	< 0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	21	.43	< .1	<.0002	<.005	< .01	270	<.02	<.01	35	175	5.3
70963	MW-18	02-Jun-87	680	< .02	0.13	< .1	< .05																	46		
70964	MW-18 filtered	02-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	23	0.58	< .1	< .0002	< .005	< .01	360	< .02	< .01		190	6.7
	MW-45	10-Apr-87	800	0.026	< 0.1	5.4	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	50	.065	< .1	<.0002	<.032	< .01	430	<.02	<.01	97	280	< 5
70969	MW-45	02-Jun-87	510	0.055	< .1	10.9	< .05																	65		
70970	MW-45 filtered	02-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	25	< .015	< .1	< .0002	0.018	< .01	340	< .02	< .01		148	< 5
	Shallow Bedrock																									
	MW-23S	10-Apr-87	380	< .02	< 0.1	< 0.1	< .05	<.06	<.01	.24	<.005	<.025	<.005	< .1	42	.066	< .1	<.0002	<.005	< .01	196	<.02	<.01	86	174	23
	MW-17A	Apr-87	22	< .02	< 0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	.31	26	.015	< .1	<.0002	<.005	< .01	12	<.02	<.01	61	108	5.0
70961	MW-17A	02-Jun-87	22	< .02	0.13	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.55	24	0.018	< .1	0.0003	< .005	< .01	12	< .02	< .01	64	110	7.0
70962	MW-17A filtered	02-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.15	23	< .015	< .1	< .0002	< .005	< .01	12	< .02	< .01		110	6.6

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
N81	MW-33S	10-Apr-87	66	< .02	< 0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	.13	23	.039	< .1	<.0002	<.005	< .01	21	<.02	<.01	41	75	7.6
70967	MW-33S	02-Jun-87	81	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.70	25	0.051	< .1	< .0002	< .005	< .01	23	0.03	< .01	43	81	< 5
70968	MW-33S filtered	02-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.31	26	0.048	< .1	< .0002	< .005	< .01	24	< .02	< .01		86	< 5
	MW-37S	13-Apr-87	210	0.02	< 0.1	0.31	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	37	.039	< .1	<.0002	<.025	< .01	85	<.02	<.01	54	125	< 5
71113	MW-37S	03-Jun-87	130	< .02	0.11	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.54	38	0.035	< .1	0.0012	< .005	< .01	64	< .02	< .01	56	106	< 5
71114	MW-37S filtered	03-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.13	36	0.032	< .1	0.0006	< .005	< .01	60	< .02	< .01		108	< 5
70897	MW-23S	01-Jun-87	440	< .02	< .1	0.10	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	54	0.06	< .1	< .0002	< .005	< .01	192	< .02	< .01	98	198	16.4
	Deep Bedrock																									
	MW-23D	10-Apr-87	5.8	< .02	< 0.1	0.27	< .05	<.06	<.01	.2	<.005	<.025	<.005	< .1	< 5	<.015	< .1	<.0002	<.005	< .01	75	<.02	<.01	12	14.6	68
70896	MW-23D	01-Jun-87					< .05																			
	MW-17	Apr-87	15.1	< .02	.11	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	19.2	<.015	< .1	<.0002	<.005	< .01	9.1	<.02	<.01	53	100	7.1
71111	MW-17	03-Jun-87	18.9	< .02	0.15	< .1	< .05	< .06	< .01	< .2	< .005	< .025	0.005	0.25	21	< .015	< .1	0.0014	< .005	< .01	9.9	< .02	< .01	63	104	8.6
71112	MW-17 filtered	03-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	21	< .015	< .1	< .0002	< .005	< .01	10.2	< .02	< .01		111	7.8
	MW-33D	10-Apr-87	86	< .02	< 0.1	0.34	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	32	.039	< .1	<.0002	<.005	< .01	44	<.02	<.01	82	108	< 5
70965	MW-33D	02-Jun-87	60	< .02	0.10	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	38	0.019	< .1	< .0002	< .005	< .01	33	< .02	< .01	119	107	8.4
70966	MW-33D filtered	02-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	39	0.02	< .1	< .0002	< .005	< .01	36	< .02	< .01		116	7.8

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	DOWNGRADIENT WELLS - East End of Plant Site																									
	Surficial																									
	MW-2	13-Apr-87	540	0.023	< 0.1	0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	88	<.015	< .1	<.0002	<.005	< .01	260	<.02	0.02	33	148	< 5
71247	MW-2	05-Jun-87																								
71262	MW-2	06-Jun-87	420	0.033	< .1	0.50	< .05																	38		
71263	MW-2 filtered	06-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	41	< .015	< .1	< .0002	< .005	< .01	184	< .02	0.03		53	< 5
	MW-5	10-Apr-87		0.087			< .05																			
	MW-31	20-Apr-87	199	< .02	.68	<0.1	< .05	<.06	<.01	< .2	0.011	<.025	<.005	11.8	109	5.3	< .1	<.0002	<.025	< .01	177	.99	0.75	1440	280	5.6
71306	MW-31	08-Jun-87	197	0.056	0.71	< .1	< .05																	1670		
71307	MW-31 filtered	08-Jun-87						< .06	0.01	< .2	0.031	< .025	< .005	11.8	107	6.3	< .1	< .0002	< .025	< .01	164	1.25	1.05		270	6.4
	Shallow Bedrock																									
	MW-30S	20-Apr-87	102	0.35	< 0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	0.132	39	0.066	< .1	<.0002	<.005	< .01	141	<.02	<.01	240	53	112
71304	MW-30S	08-Jun-87	88	0.60	< .1	< .1	< .05	< .06	< .01	0.24	< .005	< .025	< .005	1.61	27	0.49	< .1	0.0003	< .005	< .01	99	< .02	0.02	199	103	26
71305	MW-30S filtered	08-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	1.05	24	0.56	< .1	< .0002	< .005	< .01	93	< .02	0.02		96	27
	MW-13	13-Apr-87	260	0.06	0.14	< 0.1	< .05	<.06	<.05	< .2	<.005	<.025	<.005	< .1	92	.33	< .1	<.0002	<.025	< .01	1830	<.02	1.03	3400	158	5.2
71253	MW-13	05-Jun-87	260	0.07	0.18	< .1	9.0	< .06	< .05	< .2	< .005	< .025	< .005	0.12	75	0.36	< .1	< .0002	< .025	< .01	1730	< .02	8.7	3100	124	< 5

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
71253	MW-13 filtered	05-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	76	0.28	< .1	< .0002	< .025	< .01	1670	< .02	9.2		131	< 5
	MW-29S	14-Apr-87	450	28	0.25	24	0.99	<.06	<.01	< .2	<.005	<.025	<.005	8.4	24	.49	< .1	<.0002	<.005	< .01	560	<.02	27	400	119	5.6
71203	MW-29S	04-Jun-87	440	27	0.25	31	< .05	< .06	< .01	< .2	< .005	< .025	< .005	9.6	24	0.82	< .1	< .0002	< .005	< .01	490	< .02	0.25	200	124	6.0
71204	MW-29S filtered	04-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	9.6	23	0.79	< .1	< .0002	< .005	< .01	480	< .02	0.25		123	5.1
	Composite Bedrock																									
	MW-1	13-Apr-87	250	< .02	< 0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	30	.038	< .1	<.0002	<.005	< .01	196	<.02	<.01	86	133	< 5
71245	MW-1	05-Jun-87	700	< .02	< .1	1.94	< .05	< .06	< .01	< .2	< .005	< .025	0.009	1.38	44	0.036	< .1	< .0002	< .005	< .01	250	< .02	< .01	62	210	< 5
71246	MW-1 filtered	05-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	43	0.025	< .1	< .0002	< .005	< .01	270	< .02	< .01		220	< 5
	MW-4	10-Apr-87	280	0.026	0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	42	.038	< .1	<.0002	<.005	< .01	110	<.02	<.01	88	139	< 5
71248	MW-4	05-Jun-87	320	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.13	44	0.044	< .1	< .0002	< .005	< .01	105	< .02	< .01	97	144	< 5
71249	MW-4 filtered	05-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	44	0.037	< .1	< .0002	< .005	< .01	109	< .02	< .01		153	< 5
	MW-6	14-Apr-87	152	0.35	0.12	0.62	3.1	<.06	<.01	< .2	<.005	<.025	<.005	0.14	< 5	<.015	.19	<.0002	<.025	< .01	590	<.02	3.0	860	8.5	5.1
71250	MW-6	05-Jun-87	180	0.34	0.12	0.81	2.6	< .06	< .01	< .2	< .005	< .025	< .005	0.13	< 5	< .015	0.10	< .0002	< .025	< .01	680	< .02	2.3	980	10.6	5.3
71251	MW-6 filtered	05-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.13	< 5	< .015	0.11	< .0002	< .005	< .01	670	< .02	2.8		9.8	5.2
	MW-10	21-Apr-87	450	0.12	0.11	0.18	0.05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	41	0.51	< .1	.00028	<.005	< .01	260	<.02	.06	140	210	< 5
71264	MW-10	07-Jun-87	480	0.121	< .1	0.21	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.17	39	0.64	< .1	< .0002	< .005	< .01	220	< .02	0.06	148	179	< 5
71265	MW-10 filtered	07-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	32	0.50	< .1	< .0002	< .005	< .01	192	< .02	0.05		154	< 5

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	MW-21	21-Apr-87	560	< .02	0.14	8.2	49	<.06	<.01	< .2	<.005	<.025	<.005	< .1	69	0.14	1.11	<.0002	<.005	< .01	320	<.02	54	330	210	< 5
71254	MW-21	05-Jun-87	560	< .02	0.10	28	50	< .06	< .01	< .2	< .005	< .025	< .005	< .1	73	0.152	1.0	< .0002	< .025	< .01	340	< .02	56	380	220	< 5
71255	MW-21 filtered	05-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	72	0.150	1.0	< .0002	< .005	< .01	330	< .02	58		240	< 5
	MW 22	22-Apr-87	1760	21	1.99	0.24	15.5	<.06	0.036	< .2	<.005	<.025	.01	3.7	10.3	0.066	0.13	<.0002	<.025	< .01	2900	<.02	9.6	500	5.6	5.3
71198	MW-22	04-Jun-87		11.4																						
71256	MW-22	05-Jun-87	1180		1.07	0.35	13.2	< .06	0.03	< .2	< .005	0.027	< .005	3.3	10.2	0.043	0.14	< .0002	< .025	< .01	2300	0.03	12.7		7.7	5.3
71257	MW-22 filtered	05-Jun-87						< .06	0.02	< .2	< .005	< .025	< .005	3.1	9.7	0.043	0.14	< .0002	< .005	< .01	2200	< .02	12.4		6.2	5.4
	Deep Bedrock																									
	MW-30D	20-Apr-87	124	0.54	< 0.1	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	3.5	31	1.14	< .1	<.0002	<.005	< .01	136	<.02	.02	240	31	6.1
71302	MW-30D	08-Jun-87	117	0.53	0.10	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	3.1	32	0.96	< .1	< .0002	< .005	< .01	124	< .02	0.08	230	118	12.6
71303	MW-30D filtered	08-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	2.5	28	0.93	< .1	< .0002	< .005	< .01	118	< .02	0.01		111	17.2

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	DOWNGRADIENT WELLS - West End of Plant Site																									
	Surficial																									
1109	MW-9	03-Jun-87	15.5	7.4	0.23	35	46																	830		
1110	MW-9 filtered	03-Jun-87						< .06	< .05	< .2	< .005	< .025	< .005	2.9	< 5	< .015	0.39	< .0015	< .025	0.01	910	< .02	55		5.3	< 5
	MW-26	15-Apr-87	28	3.8	0.54	9.4	21	<.06	0.014	< .2	<.005	<.025	<.005	1.51	< 5	< .015	1.44	<.0002	<.005	< .01	710	.04	21	660	10.0	< 5
1300	MW-26	08-Jun-87	18.4	5.6	0.46	21	17.3																	810		
1301	MW-26 filtered	08-Jun-87						< .06	0.02	< .2	< .005	< .025	< .005	1.91	< 5	< .015	1.54	< .0002	< .005	< .01	780	< .02	21		10.4	< 5
	MW-28	14-Apr-87	12.8	0.73	0.26	0.27	0.88	<.06	<.01	< .2	<.005	<.025	.035	0.60	< 5	< .015	0.23	.0003	<.005	< .01	27	.02	.95	280	<5	< 5
0520	MW-28	14-Apr-87						< .06	0.014	< .2	< .005	0.051	0.090	2.2	< 5	0.033	0.29	0.0003	< .03	< .01	490	0.08	1.59		< 5	< 5
1374	MW-28	09-Jun-87	4.9	0.58	0.38	< .1	1.28																	270		
1375	MW-28 filtered	09-Jun-87						< .06	0.01	0.54	0.009	0.065	0.040	79	47	0.58	< .1	0.0002	< .005	< .01	240	0.29	4.5		187	43
	MW-34	22-Apr-87	540	0.24	0.44	14.7	7.3	<.06	<.05	< .2	<.005	<.025	<.005	< .1	< 5	< .015	0.1	<.0002	<.025	< .01	1770	<.02	8	2600	17.1	23
1205	MW-34	04-Jun-87	500	0.20	0.30	13.0	7.0	< .06	< .01	< .2	< .005	< .025	< .005	1.50	< 5	< .015	0.14	< .0002	< .025	< .01	1830	< .02	6.6	2900	14.8	14.4
1206	MW-34 filtered	04-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	0.13	< .0002	< .025	< .01	1810	< .02	6.0		14.0	14.6
	Shallow Bedrock																									
	MW-40S	15-Apr-87	32	0.024	0.10	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	5.3	0.02	< .1	<.0002	<.005	< .01	17.5	<.02	<.01	29	45	15.5

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
71276	MW-40S	06-Jun-87	35	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	0.020	3.7	9.7	0.098	< .1	< .0002	< .005	< .01	17.7	0.04	< .01	29	91	< 5
71277	MW-40S filtered	06-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	6.2	0.029	< .1	< .0002	< .005	< .01	16.4	< .02	< .01		58	< 5
	MW-36S	16-Apr-87	80	0.40	0.39	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	0.22	43	0.066	.34	<.0002	<.025	< .01	310	<.02	<.01	1260	230	280
71274	MW-36S	07-Jun-87	78	0.43	0.59	< .1	< .05																	1430		
71275	MW-36S filtered	07-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.79	36	< .015	0.27	< .0002	< .025	< .01	280	< .02	< .01		180	410
	MW-20S	16-Apr-87	41	2.4	1.01	< 0.1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	3.7	101	0.53	2.4	.0003	<.025	< .01	1010	<.02	0.02	1860	173	16.2
71268	MW-20S	06-Jun-87	40	1.67	0.86	< .1	< .05	< .06	< .01	< .2	< .005	< .025	0.012	7.9	112	0.70	1.91	0.0003	< .025	< .01	810	< .02	0.02	1790	177	8.4
71269	MW-20S filtered	06-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	5.7	92	0.71	2.0	0.0002	< .025	< .01	820	< .02	0.01		152	9.2
	MW-25S	15-Apr-87	58	0.156	1.03	< .01	< .05	<.06	<.01	< .2	<.005	<.025	<.005	.10	30	<.015	< .1	<.0002	<.025	< .01	720	<.02	0.01	1450	62	67
70522	MW-25S	15-Apr-87						< .06	< .01	< .2	< .005	< .025	< .005	0.22	34	< .015	0.1	< .0002	< .03	< .01	690	< .02	0.02		61	70
71201	MW-25S	04-Jun-87	59	0.20	0.78	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.19	41	< .015	< .1	< .0002	< .025	< .01	650	< .02	< .01	1540	82	171
71202	MW-25S filtered	04-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.16	40	< .015	< .1	< .0002	< .025	< .01	630	< .02	< .01		81	165
	MW-27S	14-Apr-87	22	0.23	1.89	< .1	< .05	<.06	<.05	< .2	<.005	<.025	<.005	.10	< 5	<.015	< .1	<.0002	<.005	< .01	370	<.02	0.03	390	8.2	36
70519	MW-27S	14-Apr-87						< .06	0.014	< .2	< .005	< .025	0.008	1.21	5.9	< .015	0.1	< .0002	< .03	< .01	370	0.02	0.09		16.3	44
71372	MW-27S	09-Jun-87	22	0.27	2.0	< .1	< .05	< .06	0.02	< .2	< .005	0.028	0.190	530	< 5	< .015	0.27	< .0002	< .025	< .01	440	0.03	1.79	400	< 5	39
71373	MW-27S filtered	09-Jun-87						< .06	0.02	< .2	< .005	< .025	< .005	0.16	< 5	< .015	0.11	< .0002	< .005	< .01	470	< .02	0.031		< 5	54
	MW-35S	21-Apr-87	200	0.22	0.36	3.7	0.68	<.06	<.05	< .2	<.005	<.025	<.005	<.1	13.6	<.015	< .1	<.0002	<.025	< .01	1620	<.02	0.61	2800	34	11.2
71270	MW-35S	07-Jun-87	220	0.23	0.30	4.3	0.87	< .06	< .01	< .2	< .005	< .025	< .005	0.63	20	< .015	< .1	< .0002	< .025	< .01	1640	< .02	0.88	3300	47	9.7
71271	MW-35S filtered	07-Jun-87						< .06	< .05	< .2	< .005	< .025	< .005	0.1	16.0	< .015	< .1	< .0002	< .025	< .01	1640	< .02	0.71		31	10.5

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	Composite Bedrock																									
	MW-15	Apr-87	36	0.042	0.13	< .1	< .05	<.06	<.01	< .2	<.005	<.025	<.005	< .1	14.0	0.022	< .1	<.0002	<.005	< .01	13.0	.05	<.01	35	82	<5
71298	MW-15	08-Jun-87	35	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	1.82	10.8	0.115	< .1	< .0002	< .005	< .01	15.3	0.02	< .01	29	87	< 5
71299	MW-15 filtered	08-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	6.0	< .015	< .1	< .0002	< .005	< .01	14.7	< .02	< .01		79	< 5
	MW- 8	20-Apr-87	56	0.6	1.11	0.56	1.15	<.06	0.020	< .2	<.005	<.025	<.005	0.22	< 5	< .015	0.12	<.0002	<.025	< .01	530	<.02	0.96	1350	<5	870
71107	MW-8	03-Jun-87	80	0.34	1.12	< .1	0.13	< .06	0.01	< .2	< .005	< .025	< .005	0.25	< 5	< .015	< .1	0.0005	< .025	< .01	480	0.03	0.21	1910	< 5	1250
71108	MW-8 filtered	03-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.19	< 5	< .015	< .1	< .0002	< .005	< .01	490	< .02	0.20		< 5	1240
	MW-19	20-Apr-87	1.2	2.6	0.19	0.31	1.58	<.06	<.01	< .2	<.005	<.025	<.005	0.93	23	< .015	< .1	<.0002	<.005	< .01	51	<.02	1.52	193	23	< 5
	MW-19 QA	20-Apr-87						<.06	<.01	< .2	<.005	<.025	<.005	0.92	23	< .015	< .1	<.0002	<.005	< .01	51	<.02	1.51	177	23	< 5
71596	MW-19	15-Jun-87	13.4	3.0	0.19	0.63	6.4	< .06	< .01	< .2	< .005	< .025	< .005	0.96	24	0.034	< .1	< .0002	< .005	< .01	158	< .02	6.1	230	132	< 5
71597	MW-19 filtered	15-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1		0.034	< .1	< .0002	< .005	< .01	158	< .02	6.2			< 5
	Deep Bedrock																									
	MW-40D	16-Apr-87	65	< .02	0.1	< .1	< .05	<.06	< .01	0.24	<.005	<.025	<.005	0.11	64	0.034	< .1	<.0002	<.005	< .01	15.2	<.02	<.01	330	189	18.6
71376	MW-40D	09-Jun-87	74	< .02	0.12	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	1.13	58	0.031	< .1	< .0002	< .005	< .01	17.3	< .02	< .01	250	159	60
71377	MW-40D filtered	09-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	60	< .015	< .1	< .0002	< .005	< .01	38	< .02	< .01		119	130
	MW-36D	16-Apr-87	87	0.12	0.57	< .1	< .05	<.06	< .01	< .2	<.005	<.025	<.005	0.26	46	0.066	0.64	<.0002	<.025	< .01	430	<.02	<.01	2400	230	1140

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
71272	MW-36D	07-Jun-87	106	0.31	1.04	< .1	< .05																	3100		
71273	MW-36D filtered	07-Jun-87						< .06	< .05	< .2	< .005	< .025	< .005	0.59	51	0.107	0.28	0.0003	< .025	< .01	440	0.02	0.01		230	1430
	MW-20D	16-Apr-87	78	< .02	0.1	< .1	< .05	<.06	< .01	< .2	<.005	<.025	<.005	< .1	18.7	< .015	< .1	<.0002	<.005	< .01	109	<.02	.015	38	13.1	92
71266	MW-20D	06-Jun-87	93	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.56	33	0.068	< .1	< .0002	< .005	< .01	26	< .02	< .01	46	99	7.2
71267	MW-20D filtered	06-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.56	27	0.058	< .1	< .0002	< .005	< .01	23	< .02	< .01		86	8.1
	MW-25D	15-Apr-87	46	0.144	0.22	< .1	< .05	<.06	< .01	< .2	<.005	<.025	<.005	< .1	19.8	< .015	0.27	<.0002	<.025	< .01	260	<.02	<.01	870	72	440
70521	MW-25D	15-Apr-87						< .06	< .01	< .2	< .005	< .025	< .005	0.93	54	0.062	0.33	< .0002	< .03	< .01	260	< .02	< .01		162	390
71199	MW-25D	04-Jun-87	55	0.18	0.18	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	0.38	55	0.029	0.21	< .0002	< .005	< .01	163	< .02	< .01	1050	108	210
71200	MW-25D filtered	04-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	0.12	52	0.029	0.21	< .0002	< .005	< .01	167	< .02	< .01		111	210
	MW-27D	14-Apr-87	78	0.27	0.30	< .1	< .05	<.06	< .01	< .2	<.005	<.025	<.005	5.0	53	0.18	0.66	<.0002	<.025	< .01	330	<.02	<.01	1570	240	400
	MW-27D Dup.	14-Apr-87	78	NA	0.30	< .1	< .05	<.06	< .01	< .2	<.005	<.025	<.005	5.0	52	0.18	0.68	<.0002	<.025	< .01	320	<.02	<.01	1590	230	400
70518	MW-27D	14-Apr-87						< .06	< .01	< .2	< .005	< .025	< .005	5.2	58	0.174	0.69	< .0002	< .03	< .01	350	0.03	< .01		250	430
71370	MW-27D	09-Jun-87	96	0.23	0.30	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	7.6	67	0.181	0.71	< .0002	< .025	< .01	370	< .02	< .01	2000	290	580
71371	MW-27D filtered	09-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	8.1	53	0.171	0.74	< .0002	< .025	< .01	390	< .02	< .01		260	580
	MW-35D	21-Apr-87	83	0.06	0.27	0.18	< .05	<.06	< .01	< .2	<.005	<.025	<.005	< .1	26	< .015	< .1	<.0002	<.025	< .01	890	<.02	<.01	1780	43	100
71308	MW-35D	08-Jun-87	100	0.097	0.30	< .1	< .05	< .06	< .01	< .2	0.007	< .025	0.011	0.76	63	0.033	< .1	< .0002	< .025	< .01	1110	0.03	< .01	2600	104	33
71309	MW-35D filtered	08-Jun-87						< .06	< .01	< .2	< .005	< .025	< .005	< .1	61	< .015	< .1	< .0002	< .025	< .01	1120	< .02	< .01		92	36

Sample ID	Well Type & No	Date Sampled	Cl mg./L.	CN mg./L.	F mg./L.	NO3/NO2 as N mg./L.	Cr+6 mg./L.	Sb mg./L.	As mg./L.	Ba mg./L.	Cd mg./L.	Cu mg./L.	Pb mg./L.	Fe mg./L.	Mg mg./L.	Mn mg./L.	Mo mg./L.	Hg mg./L.	Se mg./L.	Ag mg./L.	Na mg./L.	Zn mg./L.	Cr(tot) mg./L.	SO4 mg./L.	Ca mg./L.	K mg./L.
	Trip Blanks																									
70995	trip blank	29-May-87	< .5	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
70960	trip blank	01-Jun-87	< .5	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71106	trip blank	02-Jun-87	< .5	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71197	trip blank	03-Jun-87	0.8	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71244	trip blank	04-Jun-87	0.9	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71260	trip blank	05-Jun-87	< .5	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71261	trip blank	05-Jun-87	1.2	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71297	trip blank	07-Jun-87	< 2	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5
71369	trip blank	08-Jun-87	3.0	< .02	< .1	< .1	< .05	< .06	< .01	< .2	< .005	< .025	< .005	< .1	< 5	< .015	< .1	< .0002	< .005	< .01	< 5	< .02	< .01	< 1	< 5	< 5

GROUNDWATER ANALYSIS - MISCELLANEOUS PARAMETERS - 1987

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb-idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	UPGRADIENT MONITORING WELLS																	
	Surficial																	
	MW-24	Apr-87	> 16	8.0	24.0	630	<.005	5.0	.02	<.2	< .1	< 1.0	< 2.0	< 10	< 1	10.50	417	104
70898	MW-24	01-Jun-87	> 384	7.8	5.7	670	< .005	< 5	< .020	< .10	< .05	< .5	< 1.0	< 10	< 1		454	159
	MW-18	Apr-87	< 1	7.2	5.2	1960	<.005	6.6	<.020	<.1	< .05	< .5	< 1.0	< 10	< 1	0.25	1250	141
70963	MW-18	02-Jun-87	< 2	7.2	0.86	2600	< .005	5.0	<.020	< .10	< .05	< .50	< 1.0	< 10	< 1		1560	195
70964	MW-18 filtered	02-Jun-87	Inorganics only															
	MW-45	10-Apr-87	TNTC**	7.0	3.8	3000	<.005	9.5	<.020	<.1	< .05	< .5	< 1.0	< 10	< 1	5.55	1900	250
70969	MW-45	02-Jun-87	2	7.0	9.0	2100	< .005	9.3	0.021	< .10	< .05	< .50	< 1.0	< 10	< 1		1280	250
70970	MW-45 filtered	02-Jun-87	Inorganics only															
	Shallow Bedrock																	
	MW-23S	10-Apr-87	< 1	7.3	1.4	1850	<.005	5.8	<.020	<.1	< .05	< .5	< 1.0	< 10	< 1	1.25	1160	250
70897	MW-23S	01-Jun-87	< 2	7.3	6.8	2100	< .005	< 5	< .020	< .10	< .05	< .5	< 1.0	< 10	< 1		1230	250
	MW-17A	Apr-87	< 1	7.4	4.4	650	<.005	4.7	<.020	<.1	< .05	< .5	< 1.0	< 10	< 1	0.20	413	176

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb- idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides -- 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
70961	MW-17A	02-Jun-87	< 2	7.8	2.3	650	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		420	181
70962	MW-17A filtered	02-Jun-87	Inorganics only															
	MW-33S	10-Apr-87	5	8.0	1.8	640	<.005	4.2	<.020	<.1	< .05	< .5	< 1.0	< 10	< 1	1.75	365	120
70967	MW-33S	02-Jun-87	< 2	7.8	2.6	690	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		431	131
70968	MW-33S filtered	02-Jun-87	Inorganics only															
	MW-37S	13-Apr-87	TNTC**	7.6	5.6	1300	<.005	<5	<.020	<.1	< .05	< .5	< 1.0	< 10	< 1	0.50	758	159
71113	MW-37S	03-Jun-87	< 2	7.7	3.4	930	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		569	143
71114	MW-37S filtered	03-Jun-87	Inorganics only															
	Deep Bedrock																	
	MW-23D	10-Apr-87	7	10.0	30.0	165	<.005	3.7	0.11	<.1	< .05	<0.5	<1.0	<10	< 1	12.50	92	11
70896	MW-23D	01-Jun-87	< 2	11.4				< 5	0.032									< 1
	MW-17	Apr-87	< 1	7.6	0.4	590	<.005	< 4.6	<.020	<.1	< .05	<0.5	<1.0	<10	< 1	0.65	380	163
71111	MW-17	03-Jun-87	< 2	7.6	0.53	640	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		420	173
71112	MW-17 filtered	03-Jun-87	Inorganics only															
	MW-33D	10-Apr-87	< 1	7.3	0.7	870	<.005	4.6	<.020	<.1	< .05	<0.5	<1.0	<10	< 1	0.30	541	173
70965	MW-33D	02-Jun-87	2	8.0	0.16	890	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		577	148
70966	MW-33D filtered	02-Jun-87	Inorganics only															

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb- idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	DOWNGRADIENT WELLS - East End of Plant Site																	
	Surficial																	
	MW-2	13-Apr-87	< 1	7.4	23.0	2100	<.005	<5	<.02	<.1	< .05	<0.5	<1.0	<10	< 1	6.80	1310	154
71247	MW-2	05-Jun-87		7.7				5.3	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1			127
71262	MW-2	06-Jun-87	> 1		12.0	1710	0.005										1000	
	MW-5	10-Apr-87	TNTC**	7.4					0.02									191
	MW-31	20-Apr-87	< 2	4.5	1.5	2500	<.005	<5	0.15	<.1	< .05	<0.5	<1.0	<10	< 1	<.05	2250	7
71306	MW-31	08-Jun-87	< 2	4.4	7.0	2700	< .005	< 5	0.178	< .10	< .05	< .50	< 1.0	< 10	< 1		2470	6.2
	Shallow Bedrock																	
	MW-30S	20-Apr-87	23	7.6	5.0	1380	<.005	7.1	0.03	<.1	< .05	<0.5	<1.0	<10	< 1	<.05	902	220
71304	MW-30S	08-Jun-87	14	7.6	13.5	1190	< .005	8.8	0.028	< .10	< .05	< .50	< 1.0	< 10	< 1		770	210
71305	MW-30S filtered	08-Jun-87	Inorganics only															
	MW-13	13-Apr-87	5	8.0	5.8	6500	<.005	9.1	<.02	<.1	< .05	<0.5	<1.0	<10	< 1	6.20	6530	370
71252	MW-13	05-Jun-87	< 2	7.9	6.5	5900	< .005	8.2	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		5490	300
71253	MW-13 filtered	05-Jun-87	Inorganics only															
	MW-29S	14-Apr-87	22	7.4	14.0	3200	<.005	11.8	0.06	<.1	< .05	<0.5	<1.0	<10	< 1	NA	2400	310

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb- idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	Methoxychlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
71203	MW-29S	04-Jun-87	5	7.4	0.84	2600	< .005	13.6	0.043	< .10	< .05	< .50	< 1.0	< 10	< 1		1740	340
71204	MW-29S filtered	04-Jun-87	Inorganics only															
	Composite Bedrock																	
	MW-1	13-Apr-87	< 1	7.2	9.4	1520	<.005	< 5	<.02	<.1	< .05	<0.5	<1.0	<10	< 1	0.30	946	220
71245	MW-1	05-Jun-87	< 2	7.2	2.8	2500	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		1630	196
71246	MW-1 filtered	05-Jun-87	Inorganics only															
	MW-4	10-Apr-87	< 1	7.4	1.0	1390	<.005	5.7	<.020	<.1	< .05	<0.5	<1.0	<10	< 1	3.25	819	176
71248	MW-4	05-Jun-87	< 2	7.2	0.65	1510	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		939	300
71249	MW-4 filtered	05-Jun-87	Inorganics only															
	MW-6	14-Apr-87	< 1	9.4	0.6	2700	<.005	6.4	0.05	<.1	< .05	<0.5	<1.0	<10	< 1	3.0	1820	69
71250	MW-6	05-Jun-87	< 2	9.3	0.50	2800	< .005	6.0	0.028	< .10	< .05	< .50	< 1.0	< 10	< 1		1960	68
71251	MW-6 filtered	05-Jun-87	Inorganics only															
	MW-10	21-Apr-87	< 1	7.3	0.9	2200	<.005	< 5	0.31	<.1	< .05	<0.5	<1.0	<10	< 1	0.35	1390	240
71264	MW-10	07-Jun-87	< 2	7.0	0.85	2200	< .005	< 5	0.39	< .10	< .05	< .50	< 1.0	< 10	< 1		1420	240
71265	MW-10 filtered	07-Jun-87	Inorganics only															

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb-idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	MW-21	21-Apr-87	< 1	7.3	0.4	2600	<.005	< 5	0.31	<.1	< .05	<0.5	<1.0	<10	< 1	28.60	1830	220
71254	MW-21	05-Jun-87	< 2	7.3	< .1	2900	< .005	< 5	0.69	< .10	< .05	< .50	< 1.0	< 10	< 1		1980	240
71255	MW-21 filtered	05-Jun-87		Inorganics only														
	MW-22	22-Apr-87	< 1	10.1	2.9	11400	<.005	62.0	0.20	<.1	< .05	<0.5	<1.0	<10	< 1	5.23	9570	1130
71198	MW-22	04-Jun-87		10.0			< .005	77	0.27	< .10	< .05	< .50	< 1.0	< 10	< 1			960
71256	MW-22	05-Jun-87	< 2		3.6	7300											5520	
71257	MW-22 filtered	05-Jun-87		Inorganics only														
	Deep Bedrock																	
	MW-30D	20-Apr-87	23	7.0	12.0	1390	<.005	7.3	0.03	<.1	< .05	<0.5	<1.0	<10	< 1	<.05	938	220
71302	MW-30D	08-Jun-87	< 2	7.1	28	1390	< .005	9.9	0.031	< .10	< .05	< .50	< 1.0	< 10	< 1		862	220
71303	MW-30D filtered	08-Jun-87		Inorganics only														

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turbidity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	DOWNGRADIENT WELLS - West End of Plant Site																	
	Surficial																	
	MW-28	14-Apr-87	< 1	10.6	5.6	1870	0.01	16.2	0.10	<.1	< .05	<0.5	<1.0	<10	< 1	3.0	1180	46
70520	MW-28	14-Apr-87																
71374	MW-28	09-Jun-87	< 2	10.6	77	1820	< .005	17.1	0.159	< .10	< .05	< .05	< 1.0	< 10	< 1		1200	34
71375	MW-28 filtered	09-Jun-87		Inorganics only														
	MW-34	22-Apr-87	< 1	10.3	23.0	6200	<.005	10.7	0.13	<.1	< .05	<0.5	<1.0	<10	< 1	6.65	4920	<4
71205	MW-34	04-Jun-87	< 2	9.9	0.90	6300	< .005	10.8	0.173	< .10	< .05	< .50	< 1.0	< 10	< 1		5040	< 1
71206	MW-34 filtered	04-Jun-87		Inorganics only														
	Shallow Bedrock																	
	MW-40S	15-Apr-87	< 1	8.5	53.0	400	<.005	< 5	<.020	<.1	< .05	<0.5	<1.0	<10	< 1	6.40	216	53
71276	MW-40S	06-Jun-87	< 2	8.2	13.6	460	< .005	5.3	< .07	< .10	< .05	< .50	< 1.0	< 10	< 1		289	690
71277	MW-40S filtered	06-Jun-87		Inorganics only														
71109	MW-9	03-Jun-87	< 2	10.8	1.55	3700	0.007	21	3.4	< .10	< .05	< .50	< 1.0	< 10	< 1		2770	28
71110	MW-9 filtered	03-Jun-87		Inorganics only														
	MW-36S	16-Apr-87	< 2	7.7	5.3	3000	0.01	32.0	18.80	<.1	< .05	<0.5	<1.0	<10	< 1	1.10	2540	128

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb- idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
71274	MW-36S	07-Jun-87	< 2	7.6	64	3200	0.007	35	20	< .10	< .05	< .50	< 1.0	< 20	< 4		2670	147
71275	MW-36S filtered	07-Jun-87	Inorganics only															
	MW-20S	16-Apr-87	< 1	7.8	6.1	4600	0.02	28.0	1.32	<.1	< .05	<0.5	<1.0	<10	< 1	1.60	3950	540
71268	MW-20S	06-Jun-87	< 2	7.5	3.5	4000	0.051	29	1.75	< .10	< .05	< .50	< 1.0	< 10	< 1		3430	510
71269	MW-20S filtered	06-Jun-87	Inorganics only															
	MW-25S	15-Apr-87	TNTC**	9.4	1.6	3100	<.005	25.0	10.60	<.1	< .05	<0.5	<1.0	42.00	260.00	0.30	2500	56
70522	MW-25S	15-Apr-87																
71201	MW-25S	04-Jun-87	< 2	9.0	0.48	3200	< .005	28	12.0	< .10	< .05	< .50	< 1.0	< 50	< 10		2560	77
71202	MW-25S filtered	04-Jun-87	Inorganics only															
	MW-27S	14-Apr-87	< 1	10.2	36.0	1600	<.005	19.5	0.39	<.1	< .05	<0.5	<1.0	<10	1.60	4.40	1090	73
70519	MW-27S	14-Apr-87																
71372	MW-27S	09-Jun-87	< 2	10.1	92	1780	< .005	21	0.65	< .10	< .05	< .05	< 1.0	< 10	< 1		1190	230
71373	MW-27S filtered	09-Jun-87	Inorganics only															
	MW-35S	21-Apr-87	< 1	9.1	12.5	5800	<.005	5.2	0.05	<.1	< .05	<0.5	<1.0	<10	< 1	1.60	4710	53
71270	MW-35S	07-Jun-87	< 2	8.0	47	6000	0.005	6.0	0.049	< .10	< .05	< .50	< 1.0	< 10	< 1		4850	66
71271	MW-35S filtered	07-Jun-87	Inorganics only															
	MW-26	15-Apr-87	< 1	10.0	29.0	2800	<.012	22.0	8.70	<.1	< .05	<0.5	<1.0	<10	1.50	14.80	2070	174
71300	MW-26	08-Jun-87	18	10.2	3.0	3100	0.024	28	7.6	< .10	< .05	< .50	< 1.0	< 10	< 1		2210	118
71301	MW-26 filtered	08-Jun-87	Inorganics only															

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb- idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	Composite Bedrock																	
	MW-15	Apr-87	TNTC**	7.4	6.5	550	<.005	< 5	<.020	<.1	< .05	<0.5	<1.0	<10	< 1	2.85	408	136
71298	MW-15	08-Jun-87	< 2	7.2	12.5	530	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		318	144
71299	MW-15 filtered	08-Jun-87		Inorganics only														
	MW- 8	20-Apr-87	< 1	10.0	14.4	4200	0.03	31.0	10.90	<.1	< .05	<0.5	<1.0	<10	< 1	0.95	3100	125
71107	MW-8	03-Jun-87	2	9.8	9.6	5000	0.006	37	12.4	< .10	< .05	< .50	< 1.0	< 50	< 10		3930	134
71108	MW-8 filtered	03-Jun-87		Inorganics only														
	MW-19	20-Apr-87	< 1	7.3	0.4	880	<0.005	7.1	0.56	<.1	< .05	<0.5	<1.0	<10	< 1	5.55	612	173
	MW-19 QA	20-Apr-87	< 1	7.20	0.3	850	<0.005	7.1	0.56	<.1	< .05	<0.5	<1.0	<10	< 1	5.50	594	174
71596	MW-19	15-Jun-87	5	7.3	0.50	1240	0.005	< 5	0.63	< .10	< .05	< .50	< 1.0	< 10	< 1		872	280
71597	MW-19 filtered	15-Jun-87		Inorganics only														
	Deep Bedrock																	
	MW-40D	16-Apr-87	22.00	7.4	2.5	1250	<.005	< 5	<.020	<.1	< .05	<0.5	<1.0	<10	< 1	9.35	902	210
71376	MW-40D	09-Jun-87	< 2	7.5	2.9	1150	< .005	< 5	< .2								748	210
71377	MW-40D filtered	09-Jun-87		Inorganics only														
	MW-36D	16-Apr-87	< 1	8.3	15.3	5100	0.04	23.0	4.43	<.1	< .05	<0.5	<1.0	<10	< 1	< .05	4500	230
71272	MW-36D	07-Jun-87	17	9.0	58	6000	0.023	64	3.9	< .10	< .05	< .50	< 1.0	< 20	< 4		5770	199
71273	MW-36D filtered	07-Jun-87		Inorganics only														

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb-idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	MW-20D	16-Apr-87	< 1	8.7	1.9	820	<.005	< 5	0.03	<.1	< .05	<0.5	<1.0	<10	< 1	0.95	480	112
71266	MW-20D	06-Jun-87	< 2	7.4	4.0	860	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		526	173
71267	MW-20D filtered	06-Jun-87		Inorganics only														
	MW-25D	15-Apr-87	< 1	8.2	1.6	2100	<.005	11.7	6.30	<.1	< .05	<0.5	<1.0	<10	12.00	4.60	1650	104
70521	MW-25D	15-Apr-87																
71199	MW-25D	04-Jun-87	2	8.7	2.0	2300	< .005	8.6	3.0	< .10	< .05	< .50	< 1.0	< 10	< 1		1890	70
71200	MW-25D filtered	04-Jun-87		Inorganics only														
	MW-27D	14-Apr-87	< 1	7.2	31.0	3500	0.02	17.5	7.60	<.1	< .05	<0.5	<1.0	<10	50.00	< .05	3080	210
	MW-27D Dup.	14-Apr-87	< 1	7.2	16.0	3500										< .05	3120	210
70518	MW-27D	14-Apr-87																
71370	MW-27D	09-Jun-87	< 2	7.1	29	4000	0.008	19.6	3.4	< .10	< .05	< .05	< 1.0	< 20	< 4		3510	210
71371	MW-27D filtered	09-Jun-87		Inorganics only														
	MW-35D	21-Apr-87	5.00	9.8	7.2	3800	<.005	< 5	0.07	<.1	< .05	<0.5	<1.0	<10	< 1	10.65	2830	40
71308	MW-35D	08-Jun-87	41	8.3	4.6	5100	< .005	5.1	0.189	< .10	< .05	< .50	< 1.0	< 10	< 1		3860	129
71309	MW-35D filtered	08-Jun-87		Inorganics only														

Lab ID	Sample Number	Date	Coliform Tot. Col. per 100 ml.	pH	Turb-idity NTU	Specific Cond. umhos/cm.	Phenols mg./L.	TOC mg./L.	TOX mg./L.	Pesticides - ug./L. Endrin ug./L.	Lindane ug./L.	MethoxyChlor ug./L.	Toxaphene ug./L.	Herbicides 2,4-D ug./L.	2,4,5-TP ug./L.	Diss. Oxygen mg./L.	TDS mg./L.	Alk. as HCO3- mg./L.
	Trip Blanks																	
70895	trip blank	29-May-87		6.4	< .1	0.66	< .005	< 5	< .020	< .10	< .05	< .5	< 1.0	< 10	< 1		37	2.2
70960	trip blank	01-Jun-87		6.3	< .1	0.6	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		30	2.4
71106	trip blank	02-Jun-87		6.5	< .1	0.5	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		25	2.6
71197	trip blank	03-Jun-87		6.6	< .1	0.70	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		24	1.8
71244	trip blank	04-Jun-87		6.0	< .1	0.66	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		13	1.8
71260	trip blank	05-Jun-87		7.1	< .1	0.71	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		31	2.3
71261	trip blank	05-Jun-87		7.0	< .1	0.64	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		31	1.8
71297	trip blank	07-Jun-87		6.1	< .1	0.60	< .005	< 5	< .020	< .10	< .05	< .50	< 1.0	< 10	< 1		< 4	1.95
71369	trip blank	08-Jun-87		6.2	< .1	0.66	< .005	< 5	0.025	< .10	< .05	< .05	< 1.0	< 10	< 1		< 4	2.3

APPENDIX XII

APPENDIX IX ANALYTICAL RESULTS

APPENDIX 9
Nonhalogenated Volatile Organics
Method 8015

Compound	CAS #	Detection Limit (ug/l)
acetonitrile	75-05-8	<100
1,4-dioxane	123-91-1	<1000
isobutyl alcohol	78-83-1	<500

APPENDIX 9
Organochlorine Pesticides and PCB's
Method 8080

Compound	CAS #	Detection Limit (ug/l)
Aroclor 1016	12674-11-2	<50
Aroclor 1221	11104-28-2	<50
1232	11141-16-5	<50
Aroclor 1242	53469-21-9	<50
Aroclor 1248	12672-29-6	<50
Aroclor 1254	11097-69-1	<50
Aroclor 1260	11096-82-5	<50
DDT	50-29-3	<0.1
methoxychlor	72-43-5	<2
DDD	72-54-8	<0.1
DDE	72-55-9	<0.05
alpha-BHC	319-84-6	<0.05
beta-BHC	319-85-7	<0.05
delta-BHC	319-86-8	<0.1
gamma-BHC (lindane)	58-89-9	<0.05
dieldrin	60-57-1	<0.05
endrin	72-20-8	<0.1
aldrin	309-00-2	<0.05
isodrin	465-73-6	<10
chlordane	57-74-9	<0.1
heptachlor	76-44-8	<0.05
heptachlor epoxide	1024-57-3	<1

Organochlorine Pesticides and PCB's

Compound	CAS #	Detection Limit (ug/l)
endosulfan I	959-98-8	<0.1
endosulfan II	33213-65-9	<0.05
kepone	143-50-0	<10
endrin aldehyde	7421-93-4	<0.2
toxaphene	8001-35-2	<2
endosulfan sulfate	1031-07-8	<0.05

APPENDIX 9
Organophosphorus Pesticides
Method 8140

Compound	CAS #	Detection Limit (ug/l)
phorate	298-02-2	<2
disulfoton	298-04-4	<2
famphur	52-85-7	<10
parathion	56-38-2	<10
O,O-diethyl-O-2-pyrazinyl phosphorothioate	297-97-2	<10
methylparathion	298-00-0	<2
sulfotepp	3689-24-5	<10
dimethoate	60-51-5	<10

APPENDIX 9
Chlorinated Herbicides
Method 8150

Compound	CAS #	Detection Limit (ug/l)
2,4,5-T	93-76-5	<2
2,4-D	94-75-7	<10
silvex	93-72-1	<2
dinoseb	88-85-7	<1

APPENDIX 9
Volatile Organic Compounds
Method 8240
Screen

Compound	CAS #	Detection Limit (ug/l)
acetone	67-64-1	10 U
acrolein	107-02-8	100 U
acrylonitrile	107-13-1	100 U
allyl chloride	107-05-1	100 U
benzene	71-43-2	5 U
bromodichloromethane	75-27-4	5 U
bromoform	75-25-2	5 U
carbon disulfide	75-15-0	5 U
carbon tetrachloride	56-23-5	5 U
chlorobenzene	108-90-7	5 U
chloroethane	75-00-3	10 U
chloroform	67-66-3	5 U
chloroprene	126-99-8	5 U
chlorodibromomethane	124-48-1	5 U
1,2-dibromo-3-chloropropane	96-12-8	5 U
1,2-dibromoethane	106-93-4	5 U
trans-1,4-dichloro-2-butene	110-57-6	5 U
dichlorodifluoromethane	75-71-8	5 U
1,1-dichloroethane	75-34-3	5 U
1,2-dichloroethane	107-06-2	5 U
1,1-dichloroethylene	75-35-4	5 U
cis- & trans-1,2-dichloroethylene	156-60-5	5 U
1,2-dichloropropane	78-87-5	5 U
cis-1,3-dichloropropene	10061-01-5	5 U
trans-1,3-dichloropropene	10061-02-6	5 U
ethylbenzene	100-41-4	5 U
2-hexanone	591-78-6	10 U
methacrylonitrile	126-98-7	5 U
methyl bromide	74-83-9	10 U
methyl chloride	74-87-3	10 U
methylene bromide	74-95-3	5 U
methylene chloride	75-09-2	5 U
methyl ethyl ketone	78-93-3	10 U
methyl iodide	74-88-4	5 U
methyl methacrylate	80-62-6	5 U

4-methyl-2-pentanone	108-10-1	10 U
propionitrile	107-12-0	5 U
styrene	100-42-5	5 U
1,1,1,2-tetrachloroethane	630-20-6	5 U
1,1,2,2-tetrachloroethane	79-34-5	5 U
tetrachloroethylene	127-18-4	5 U
toluene	108-88-3	5 U
1,1,1-trichloroethane	71-55-6	5 U
1,1,2-trichloroethane	79-00-5	5 U
trichloroethylene	79-01-6	5 U
trichlorofluoromethane	75-69-4	5 U
1,2,3-trichloropropane	96-18-4	5 U
vinyl acetate	108-05-4	5 U
vinyl chloride	75-01-4	10 U
xylenes (total)	1330-20-7	5 U

APPENDIX 9
Semivolatile Organic Compounds
Method 8270
Screen

Compound	CAS #	Detection Limit (ug/l)
acenaphthene	83-32-9	10 U
acenaphthylene	208-96-8	10 U
acetophenone	98-86-2	10 U
2-acetylaminofluorene	53-96-3	10 U
4-aminobiphenyl	92-67-1	10 U
aniline	62-53-3	10 U
anthracene	120-12-7	10 U
benzo[a]anthracene	56-55-3	10 U
benzo[b]fluoranthene	205-99-2	10 U
benzo[k]fluoranthene	207-08-9	10 U
benzo[ghi]perylene	191-24-2	10 U
benzo[a]pyrene	50-32-8	10 U
benzyl alcohol	100-51-6	10 U
bis (2-chloroethoxy)methane	111-91-1	10 U
bis (2-chloroethyl)ether	111-44-4	10 U
bis (2-chloro-1-methylethyl)ether	108-60-1	10 U
bis (2-ethylhexyl) phthalate	117-81-7	10 U
4-bromophenyl phenyl ether	101-55-3	10 U

butyl benzyl phthalate	85-68-7	10 U
p-chloroaniline	106-47-8	20 U
p-chloro-m-cresol	59-50-7	20 U
2-chloronaphthalene	91-58-7	10 U
2-chlorophenol	95-57-8	10 U
4-chlorophenyl phenyl ether	7005-72-3	10 U
chrysene	218-01-9	10 U
m-cresol	108-39-4	10 U
o-cresol	95-48-7	10 U
p-cresol	106-44-5	10 U
diallate	2303-16-4	10 U
dibenz[a,h]anthracene	53-70-3	10 U
dibenzofuran	132-64-9	10 U
di-n-butyl phthalate	84-74-2	10 U
o-dichlorobenzene	95-50-1	10 U
m-dichlorobenzene	541-73-1	10 U
p-dichlorobenzene	106-46-7	10 U
3,3'-dichlorobenzidine	91-94-1	20 U
2,4-dichlorophenol	120-83-2	10 U
2,6-dichlorophenol	87-65-0	10 U
diethyl phthalate	84-66-2	10 U
p-(dimethylamino)azobenzene	60-11-7	10 U
7,12-dimethylbenz[a]anthracene	57-97-6	10 U
3,3'-dimethylbenzidine	119-93-7	20 U
alpha, alpha-dimethylphenethylamine	122-09-8	10 U
2,4-dimethylphenol	105-67-9	10 U
dimethyl phthalate	131-11-3	10 U
m-dinitrobenzene	99-65-0	10 U
4,6-dinitro-o-cresol	534-52-1	50 U
2,4-dinitrophenol	51-28-5	50 U
2,4-dinitrotoluene	121-14-2	10 U
2,6-dinitrotoluene	606-20-2	10 U
di-n-octyl phthalate	117-84-0	10 U
diphenylamine	122-39-4	10 U
ethyl methacrylate	97-63-2	10 U
ethyl methanesulfonate	62-50-0	10 U
fluoranthene	206-44-0	10 U
fluorene	86-73-7	10 U

hexachlorobenzene	118-74-1	10 U
hexachlorobutadiene	87-68-3	10 U
hexachlorocyclopentadiene	77-47-4	10 U
hexachloroethane	67-72-1	10 U
hexachlorophene	70-30-4	10 U
hexachloropropene	1888-71-7	10 U
indeno(1,2,3-cd)pyrene	193-39-5	10 U
isophorone	78-59-1	10 U
isosafrole	120-58-1	10 U
methapyrilene	91-80-5	10 U
3-methylcholanthrene	56-49-5	10 U
methyl methanesulfonate	66-27-3	10 U
2-methylnaphthalene	91-57-6	10 U
naphthalene	91-20-3	10 U
1,4-naphthoquinone	130-15-4	10 U
1-naphthylamine	134-32-7	10 U
2-naphthylamine	91-59-8	10 U
o-nitroaniline	88-74-4	50 U
m-nitroaniline	99-09-2	50 U
p-nitroaniline	100-01-6	50 U
nitrobenzene	98-95-3	10 U
o-nitrophenol	88-75-5	10 U
p-nitrophenol	100-02-7	50 U
4-nitroquinoline-1-oxide	56-57-5	10 U
N-nitrosodi-n-butylamine	924-16-3	10 U
N-nitrosodiethylamine	55-18-5	10 U
N-nitrosodimethylamine	62-75-9	10 U
N-nitrosodiphenylamine	86-30-6	10 U
N-nitrosodipropylamine	621-64-7	10 U
N-nitrosomethylethylamine	10595-95-6	10 U
N-nitrosomorpholine	59-89-2	10 U
N-nitrosopiperidine	100-75-4	10 U
N-nitrosopyrrolidinone	930-55-2	10 U
5-nitro-o-toluidine	99-55-8	10 U
pentachlorobenzene	608-93-5	10 U
pentachloroethane	76-01-7	10 U
pentachloronitrobenzene	82-68-8	10 U

Semivolatile Organic Compounds

pentachlorophenol	87-86-5	50 U
phenacetin	62-44-2	10 U
phenanthrene	85-01-8	10 U
phenol	108-95-2	10 U
p-phenylenediamine	106-50-3	10 U
2-picoline	109-06-8	10 U
pronamide	23950-58-5	10 U
pyrene	129-00-0	10 U
pyridine	110-86-1	10 U
safrole	94-59-7	10 U
1,2,4,5-tetrachlorobenzene	95-94-3	10 U
2,3,4,6-tetrachlorophenol	58-90-2	10 U
o-toluidine	95-53-4	10 U
1,2,4-trichlorobenzene	120-82-1	10 U
2,4,5-trichlorophenol	95-95-4	50 U
2,4,6-trichlorophenol	88-06-2	50 U
O,O,O-triethyl phosphorothioate	126-68-1	10 U
sym-trinitrobenzene	99-35-4	10 U
aramite	140-57-8	10 U
chlorobenzilate	510-15-6	10 U

APPENDIX 9
Inorganic Ions

Compound	Method	CAS #	Detection Limit (ug/L)
cyanide	9010	57-12-5	<10
sulfide	9030	18496-25-8	<50

APPENDIX 9
Metals

Compound	Method	CAS #	Detection Limit (ug/l)
antimony	7041	7440-36-0	<60
arsenic	7060	7440-38-2	<10
barium	6010	7440-39-3	<20
beryllium	6010	7440-41-7	<3
cadmium	6010	7440-43-9	<10
chromium	6010	7440-47-3	<10
cobalt	6010	7440-48-4	<50
copper	6010	7440-50-8	<25
lead	7241	7439-92-1	<5
mercury	7470	7439-97-6	<0.2
nickel	6010	7470-02-0	<50
selenium	7740	7782-49-2	<20
silver	6010	7440-27-4	<10
thallium	7841	7440-28-0	<10
tin	6010	7440-31-5	<1000
vanadium	6010	7440-62-2	<50
zinc	6010	7440-66-6	<20

Note: Metals and inorganic ions analytical results are given in mg/l. The detection limits for these parameters are in ug/l.

Appendix IX Analytical Results

Well No...	Date.....	Group	Contaminant Name.....	Amount....	Units.
MW-23S	06/30/87	APP9	ACETONE	7JL	ug/l
			METHYLENE CHLORIDE	LCB	ug/l
			TOLUENE	LCB	ug/l
			BARIUM-FILTERED	0.2	mg/l
			MERCURY-FILTERED	0.0002	mg/l
			THALLIUM-FILTERED	<0.05	mg/l
MW-25S	07/01/87	APP9	2,4,5-T	<40	ug/l
			2,4,5-TP	<40	ug/l
			DINOSEB	<100	ug/l
			CYANIDE	0.2	mg/l
			BARIUM-FILTERED	0.06	mg/l
			THALLIUM-FILTERED	<0.25	mg/l
			VANADIUM-FILTERED	0.07	mg/l
MW-27D	07/01/87	APP9	2,4,5-T	<40	ug/l
			2,4,5-TP	<40	ug/l
			DINOSEB	<100	ug/l
			ACETONE	LCB	ug/l
			CHLOROBENZENE	3600	ug/l
			METHYL ETHYL KETONE	LCB	ug/l
			2-CHLOROPHENOL	6J	ug/l
			O-DICHLOROBENZENE	110	ug/l
			P-DICHLOROBENZENE	16	ug/l
			CYANIDE	0.26	mg/l
			BARIUM-FILTERED	0.03	mg/l
			MERCURY-FILTERED	0.0002	mg/l
			THALLIUM-FILTERED	<0.25	mg/l
			METHYLENE CHLORIDE	LCB	ug/l
MW-28	06/30/87	APP9	DINOSEB	<10	ug/l
			ACETONE	LCB	ug/l
			CHLOROFORM	1J	ug/l
			ETHYLBENZENE	1J	ug/l
			METHYLENE CHLORIDE	LCB	ug/l
			TOLUENE	4J	ug/l
			TOTAL XYLENES	4J	ug/l
			BIS(2-ET-HEXYL) PHTHALATE	3J	ug/l
			O-DICHLOROBENZENE	24	ug/l
			P-DICHLOROBENZENE	3J	ug/l
			CYANIDE	0.56	mg/l
			ARSENIC-FILTERED	0.02	mg/l
			TOTAL CHROMIUM-FILTERED	2.3	mg/l
			LEAD-FILTERED	0.03	mg/l
			VANADIUM-FILTERED	9.4	mg/l
			ZINC-FILTERED	0.099	mg/l
MW-29S	07/01/87	APP9	DINOSEB	3.2	ug/l
			CIS-&TRANS-1,2-DICHLOROETHYLENE	2J	ug/l
			METHYLENE CHLORIDE	LCB	ug/l
			TRICHLOROETHENE	3J	ug/l
			CYANIDE	23	mg/l
			BARIUM-FILTERED	0.05	mg/l
			TOTAL CHROMIUM-FILTERED	12.6	mg/l
			THALLIUM-FILTERED	<0.05	mg/l
			VANADIUM-FILTERED	0.13	mg/l
MW-29S-DA	07/01/87	APP9	ACETONE	LCB	ug/l
			CHLOROBENZENE	3J	ug/l
			CIS-&TRANS-1,2-DICHLOROETHYLENE	15	ug/l
			TRICHLOROETHENE	19	ug/l

Well No...	Date.....	Group	Contaminant Name.....	Amount....	Units
MW-31	06/30/87	APP9	DINOSEB	<10	ug/l
			BENZENE	51	ug/l
			CHLOROBENZENE	33	ug/l
			METHYLENE CHLORIDE	LCB	ug/l
			TOLUENE	1J	ug/l
			O-DICHLOROBENZENE	3J	ug/l
			BERYLLIUM-FILTERED	0.006	mg/l
			CADMIUM-FILTERED	0.05	mg/l
			TOTAL CHROMIUM-FILTERED	1.38	mg/l
			COBALT-FILTERED	0.12	mg/l
			LEAD-FILTERED	0.005	mg/l
			NICKEL-FILTERED	0.23	mg/l
			THALLIUM-FILTERED	<0.05	mg/l
			VANADIUM-FILTERED	0.12	mg/l
			ZINC-FILTERED	1.37	mg/l
MW-34	06/30/87	APP9	ACETONITRILE	270	ug/l
			DINOSEB	<10	ug/l
			ACETONE	LCB	ug/l
			BENZENE	2J	ug/l
			ETHYLBENZENE	3J	ug/l
			TOLUENE	5	ug/l
			TOTAL XYLENES	10	ug/l
			BIS(2-ET-HEXYL) PHTHALATE	6J	ug/l
			CYANIDE	0.24	mg/l
			ARSENIC-FILTERED	<0.05	mg/l
			TOTAL CHROMIUM-FILTERED	6.4	mg/l
			SELENIUM-FILTERED	<0.025	mg/l
			THALLIUM-FILTERED	<0.25	mg/l
			VANADIUM-FILTERED	0.3	mg/l
MW-36S	07/01/87	APP9	2,4,5-T	<40	ug/l
			2,4,5-TP	<40	ug/l
			DINOSEB	<100	ug/l
			BENZENE	1J	ug/l
			CHLOROBENZENE	2800.	ug/l
			METHYLENE CHLORIDE	LCB	ug/l
			O-DICHLOROBENZENE	12	ug/l
			CYANIDE	0.37	mg/l
			BARIUM-FILTERED	0.03	mg/l
			SELENIUM-FILTERED	<0.025	mg/l
			THALLIUM-FILTERED	<0.25	mg/l
TRIP BLK	06/29/87	APP9	ACETONE	22J	ug/l
			CHLOROFORM	2J	ug/l
			METHYLENE CHLORIDE	LCB	ug/l

Key to the letters used to qualify the results of the analysis:

U - The compound was analyzed for but not detected. The number is the detection limit for the compound.

LCB - Compound was found but at low concentration, comparable to that in the blank. Quantitation is not possible.

J - An estimated value. The mass spectrum indicates the presence of the compound, but the calculated result is less than the reliable detection limit for this compound.

C - The result has been corrected for the presence of the compound in the blank.