

Figure 5.1 Abandoned Indian Creek Outfall Location (AICO)

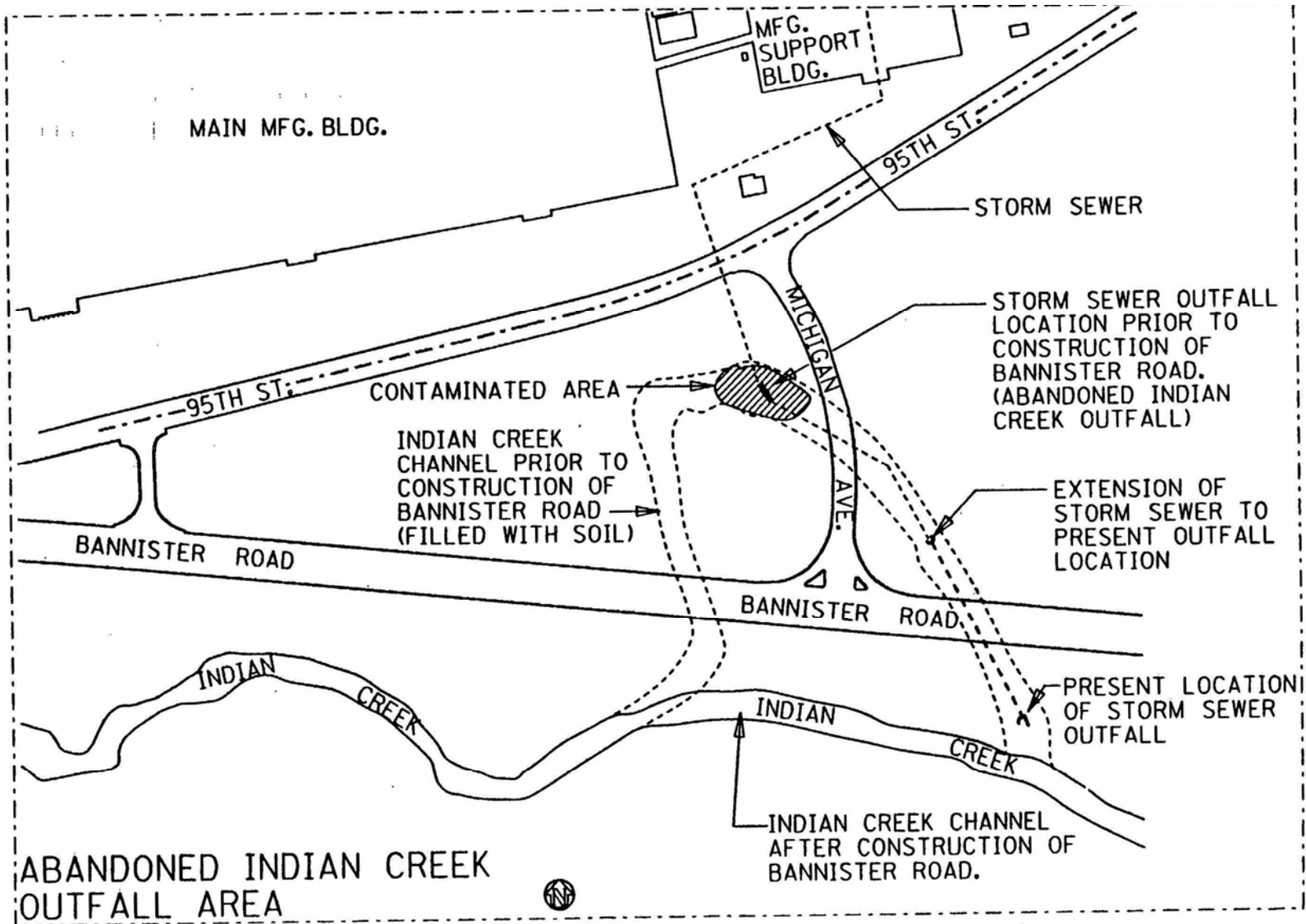


Figure 5.2

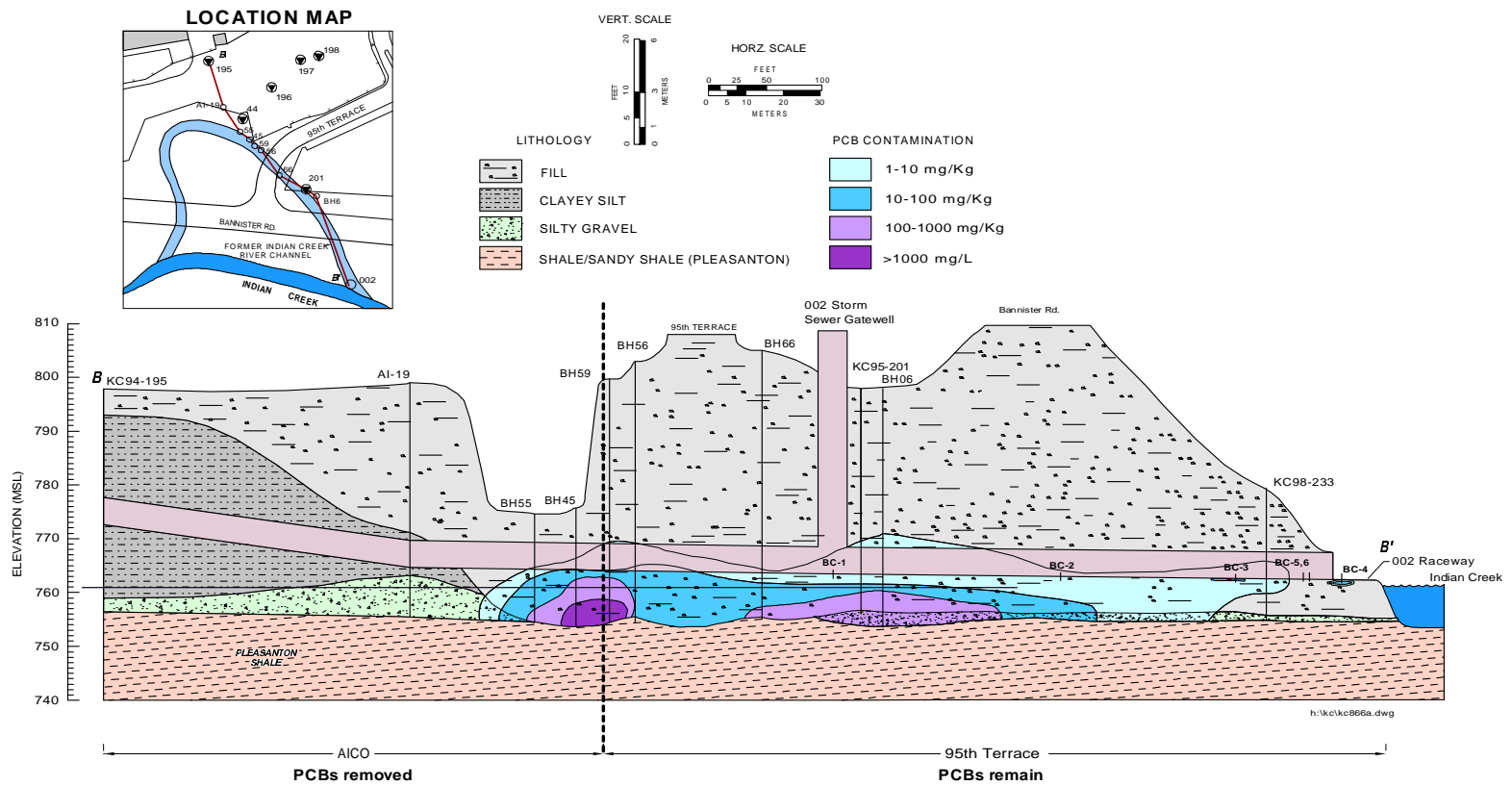


Figure 5.3

Location of D/26 Hydrotherm Systems

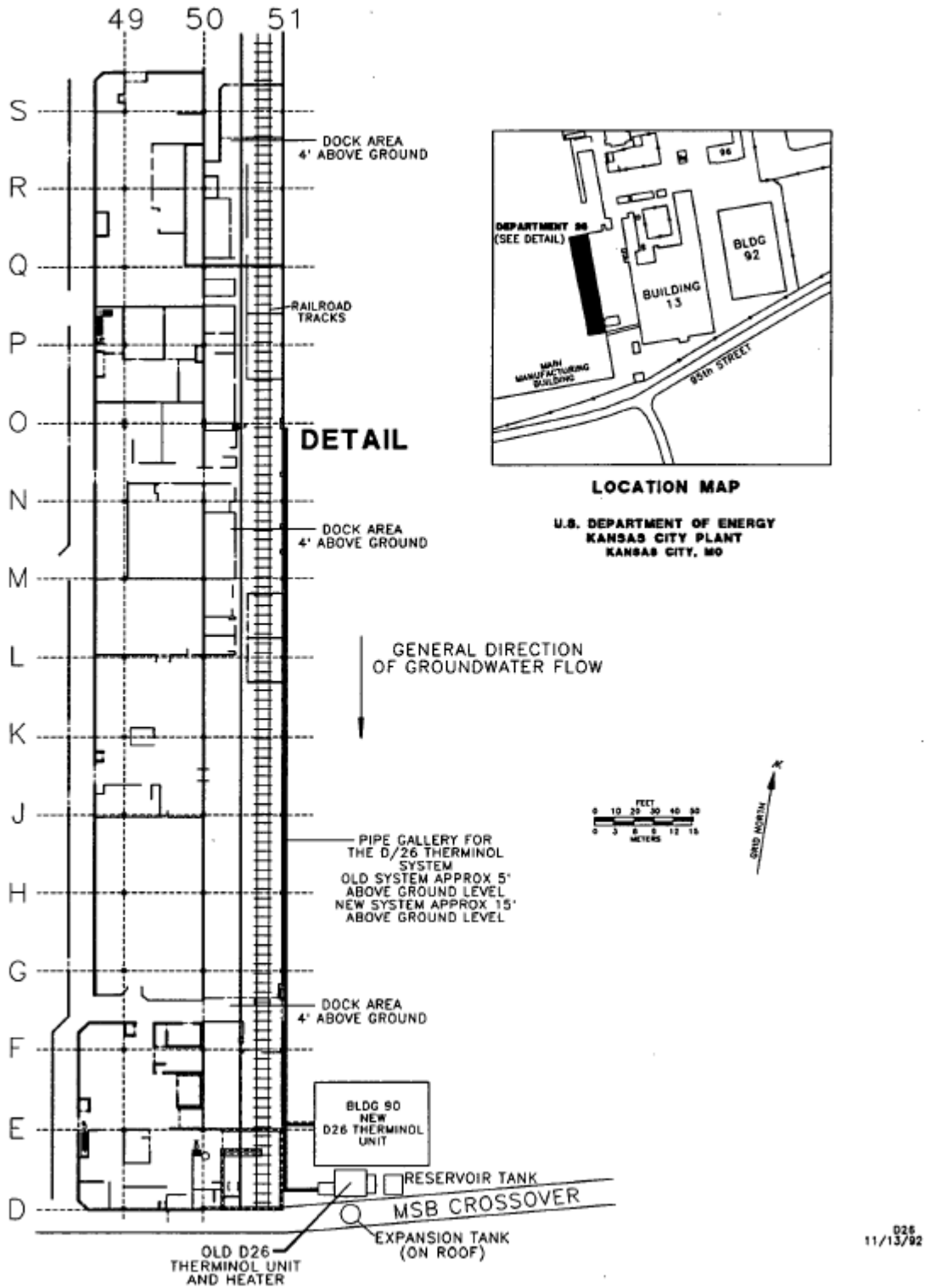


Figure 5.4
D/26 location and RFI Soil Borings

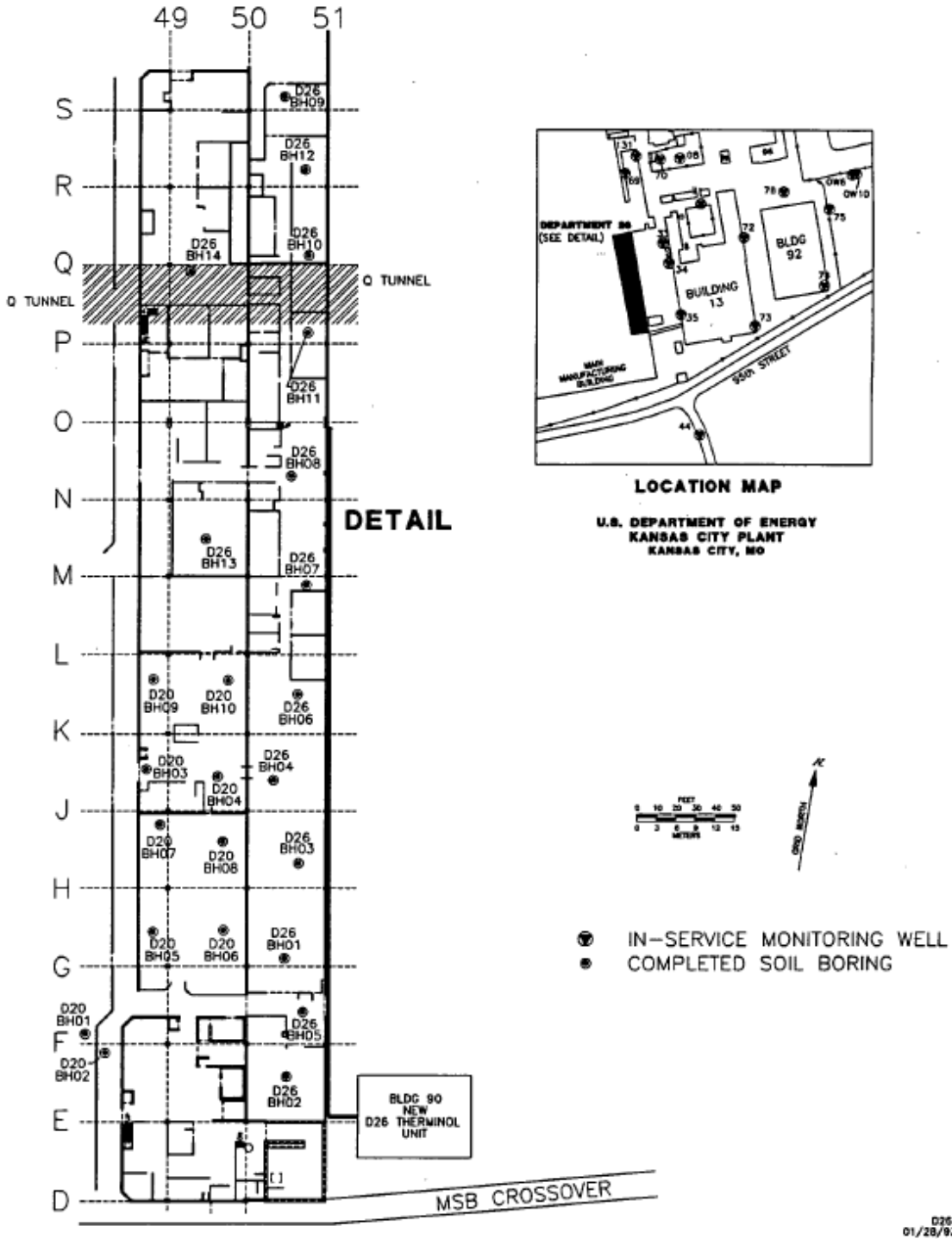


Figure 5.5 D/26 Area PCB Concentrations (mg/kg)

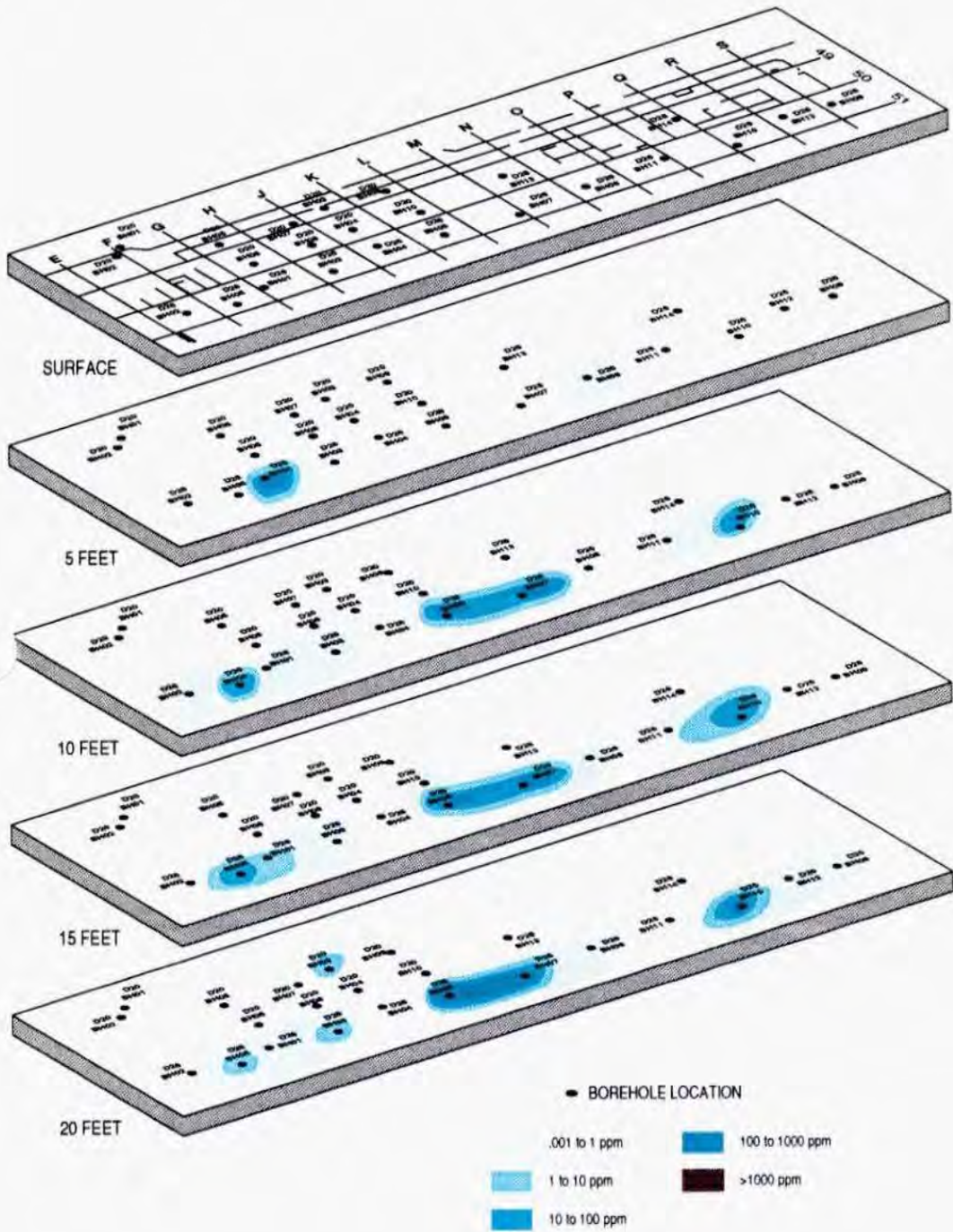


Figure 5.6 D/26 Area PCB concentrations in soil (mg/kg)

PCB CONCENTRATIONS

5 FEET	BOREHOLE		PPM	BOREHOLE		PPM	BOREHOLE		PPM																		
	D20-BH01	U	D26-BH01	360	D26-BH11	NA	D20-BH02	U	D26-BH02	0.07	D26-BH12	NA	D20-BH03	U	D26-BH03	NA	D26-BH13	U	D20-BH04	U	D26-BH04	U	D26-BH14	NA	D20-BH05	U	D26-BH05
D20-BH06	U	D26-BH06	NA	D20-BH07	U	D26-BH07	NA	D20-BH08	U	D26-BH08	0.20	D20-BH09	U	D26-BH09	U	D20-BH10	U	D26-BH10	NA								

10 FEET	BOREHOLE		PPM	BOREHOLE		PPM	BOREHOLE		PPM																		
	D20-BH01	U	D26-BH01	0.50	D26-BH11	0.12	D20-BH02	U	D26-BH02	0.09	D26-BH12	NA	D20-BH03	U	D26-BH03	0.50	D26-BH13	U	D20-BH04	U	D26-BH04	U	D26-BH14	NA	D20-BH05	U	D26-BH05
D20-BH06	U	D26-BH06	360	D20-BH07	U	D26-BH07	560	D20-BH08	U	D26-BH08	U	D20-BH09	U	D26-BH09	U	D20-BH10	0.09	D26-BH10	11.0								

15 FEET	BOREHOLE		PPM	BOREHOLE		PPM	BOREHOLE		PPM																		
	D20-BH01	U	D26-BH01	50.0	D26-BH11	0.15	D20-BH02	U	D26-BH02	U	D26-BH12	U	D20-BH03	U	D26-BH03	0.16	D26-BH13	U	D20-BH04	U	D26-BH04	U	D26-BH14	U	D20-BH05	U	D26-BH05
D20-BH06	U	D26-BH06	450	D20-BH07	U	D26-BH07	150	D20-BH08	U	D26-BH08	0.60	D20-BH09	U	D26-BH09	U	D20-BH10	0.06	D26-BH10	3.0								

20 FEET	BOREHOLE		PPM	BOREHOLE		PPM	BOREHOLE		PPM																		
	D20-BH01	U	D26-BH01	0.5	D26-BH11	U	D20-BH02	U	D26-BH02	U	D26-BH12	1.8	D20-BH03	1.7	D26-BH03	2.7	D26-BH13	U	D20-BH04	U	D26-BH04	U	D26-BH14	U	D20-BH05	U	D26-BH05
D20-BH06	U	D26-BH06	530	D20-BH07	U	D26-BH07	400	D20-BH08	U	D26-BH08	0.1	D20-BH09	U	D26-BH09	0.3	D20-BH10	U	D26-BH10	390								

ND: NO DATA
 U: UNDETECTED
 NOTE: REFER TO TABLE 13 FOR AROCLOR NUMBERS

Figure 5.7 D/26 Area PCB concentrations in soil (mg/kg)

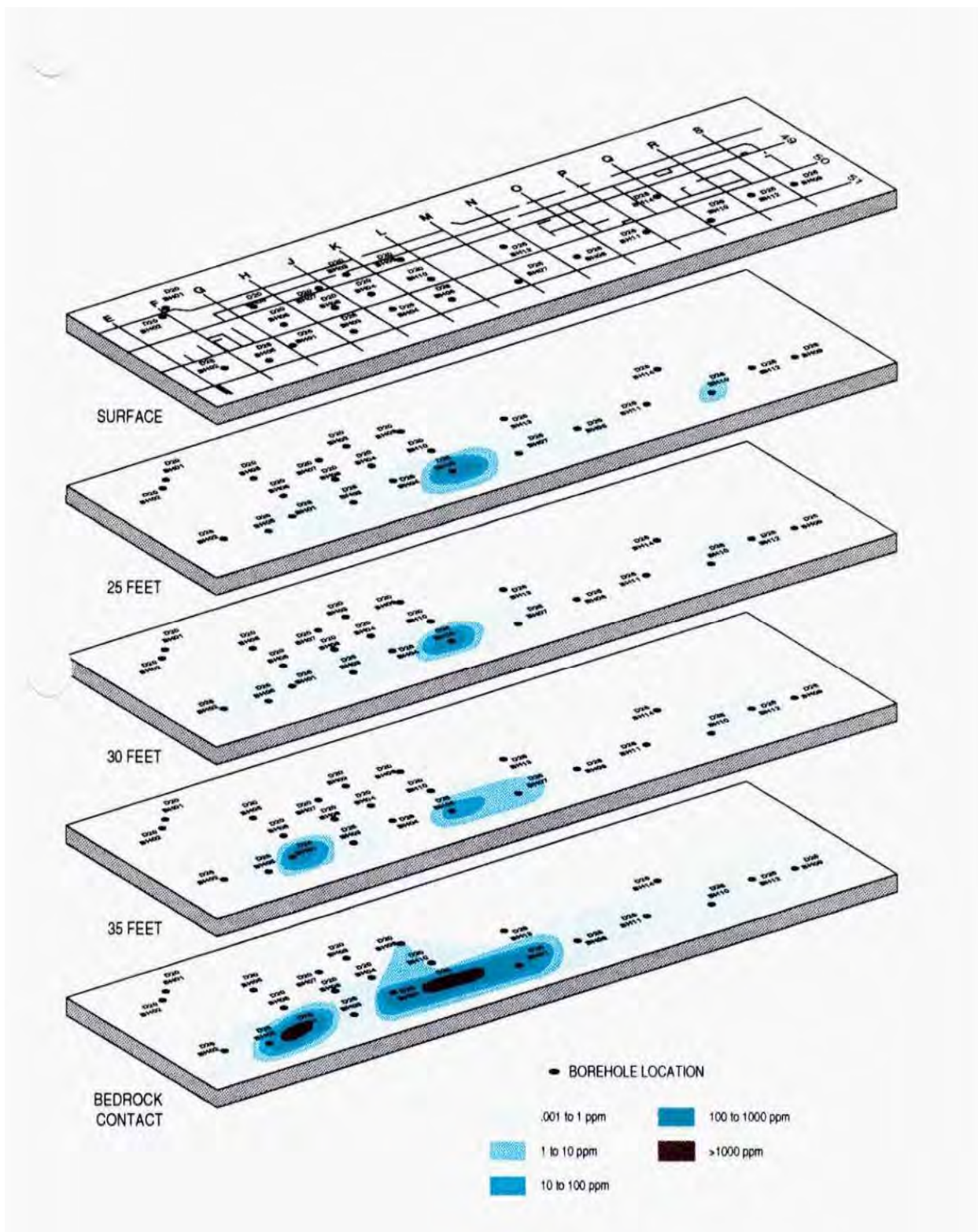


Figure 5.8 D/26 Area PCB concentrations in soil (mg/kg)

PCB CONCENTRATIONS

DEPTH	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPM	BOREHOLE	PPM	BOREHOLE	PPM
25 FEET	D20-BH01	U	D26-BH01	0.34	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	0.19
	D20-BH03	U	D26-BH03	0.5	D26-BH13	U
	D20-BH04	U	D26-BH04	0.3	D26-BH14	NA
	D20-BH05	U	D26-BH05	0.35		
	D20-BH06	U	D26-BH06	240		
	D20-BH07	U	D26-BH07	2.3		
	D20-BH08	U	D26-BH08	0.3		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	0.39		
30 FEET	D20-BH01	U	D26-BH01	86.0	D26-BH11	U
	D20-BH02	U	D26-BH02	0.04	D26-BH12	U
	D20-BH03	U	D26-BH03	ND	D26-BH13	U
	D20-BH04	U	D26-BH04	0.10	D26-BH14	NA
	D20-BH05	U	D26-BH05	0.10		
	D20-BH06	U	D26-BH06	660		
	D20-BH07	U	D26-BH07	1.4		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	0.46		
35 FEET	D20-BH01	U	D26-BH01	240	D26-BH11	U
	D20-BH02	U	D26-BH02	0.07	D26-BH12	0.099
	D20-BH03	U	D26-BH03	1.7	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	0.4		
	D20-BH06	U	D26-BH06	47		
	D20-BH07	U	D26-BH07	4.2		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		
BEDROCK CONTACT	D20-BH01	U	D26-BH01	3700	D26-BH11	0.085
	D20-BH02	U	D26-BH02	0.06	D26-BH12	0.17
	D20-BH03	U	D26-BH03	0.5	D26-BH13	U
	D20-BH04	U	D26-BH04	690	D26-BH14	NA
	D20-BH05	U	D26-BH05	NA		
	D20-BH06	U	D26-BH06	10000		
	D20-BH07	U	D26-BH07	270		
	D20-BH08	310	D26-BH08	0.17		
	D20-BH09	4.1	D26-BH09	0.25		
	D20-BH10	0.18	D26-BH10	20		

ND: NO DATA
 U: UNDETECTED
 NOTE: REFER TO TABLE 13 FOR AROCLOR NUMBERS

Figure 5.9 D/26 Area TCE concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination.

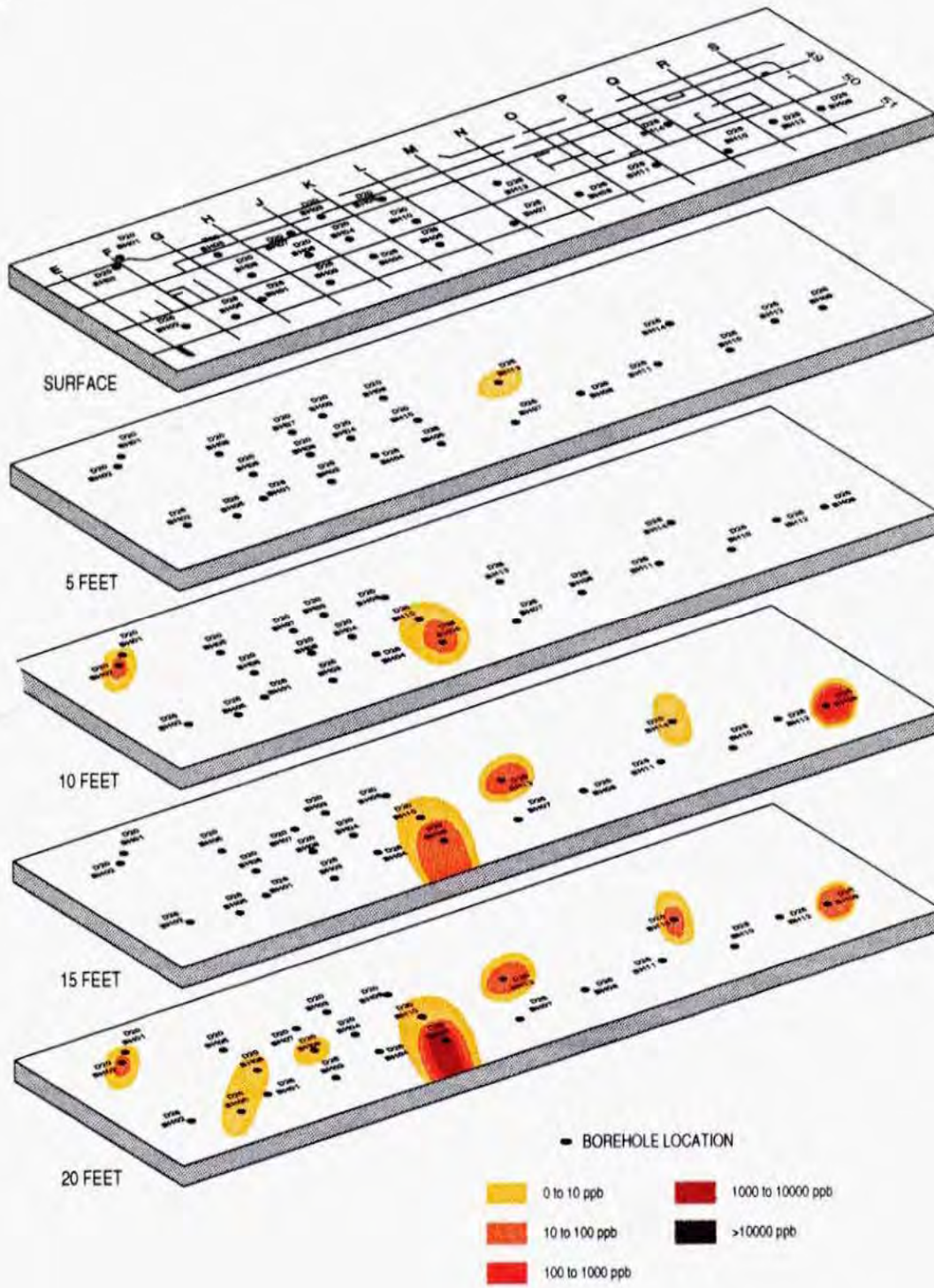


Figure 5.10 D/26 Area TCE concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination.

TRICHLOROETHENE CONCENTRATIONS

5 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	U	D26-BH01	U	D26-BH11	NA
	D20-BH02	ND	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	NA	D26-BH13	6
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	NA		
	D20-BH06	U	D26-BH06	NA		
	D20-BH07	U	D26-BH07	NA		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	NA		

10 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	ND	D26-BH01	U	D26-BH11	U
	D20-BH02	24.0	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	55.0		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	2.0	D26-BH10	U		

15 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	U	D26-BH01	U	D26-BH11	U
	D20-BH02	ND	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	12.0
	D20-BH04	U	D26-BH04	U	D26-BH14	7.0
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	94.0		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	370		
	D20-BH10	10.0	D26-BH10	U		

20 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	ND	D26-BH01	U	D26-BH11	U
	D20-BH02	98.0	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	72.0
	D20-BH04	U	D26-BH04	U	D26-BH14	110
	D20-BH05	U	D26-BH05	3.0		
	D20-BH06	2.0	D26-BH06	25000		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	2.0	D26-BH08	U		
	D20-BH09	U	D26-BH09	11.0		
	D20-BH10	10.0	D26-BH10	U		

ND: NO DATA
 U: UNDETECTED

Figure 5.11 0/26 Area TCE concentrations in soil (ug/kg).
 Note:Contaminants below 10 ft reflect groundwater contamination.

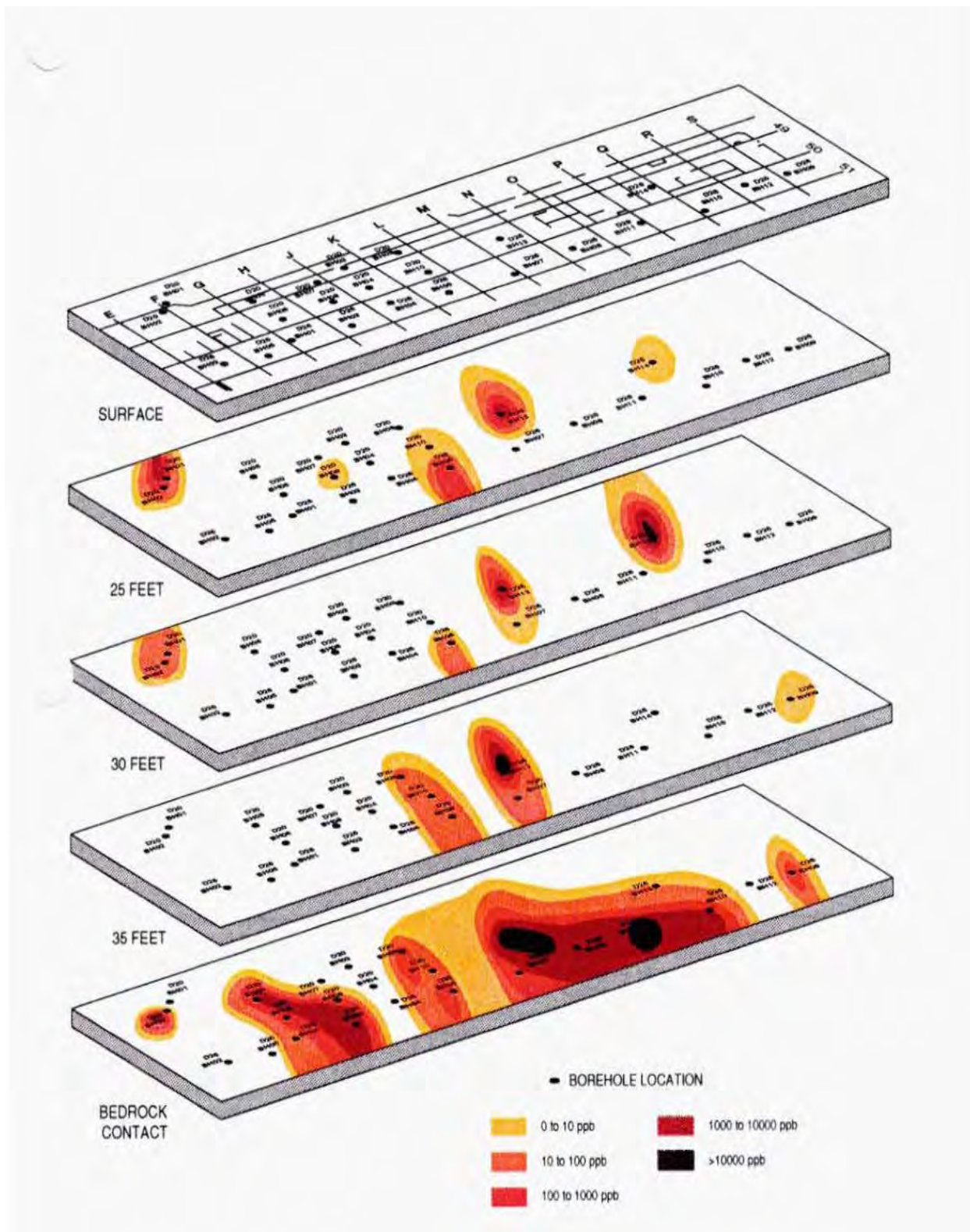


Figure 5.12 D/26 Area TCE concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination.

TRICHLOROETHENE CONCENTRATIONS

DEPTH	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
25 FEET	D20-BH01	ND	D26-BH01	U	D26-BH11	U
	D20-BH02	2400	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	3100
	D20-BH04	U	D26-BH04	U	D26-BH14	3.0
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	500		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	2.0	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	5.0	D26-BH10	U		
30 FEET	D20-BH01	32	D26-BH01	U	D26-BH11	U
	D20-BH02	ND	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	6000
	D20-BH04	U	D26-BH04	U	D26-BH14	1400
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	15.0		
	D20-BH07	U	D26-BH07	10.0		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		
35 FEET	D20-BH01	ND	D26-BH01	U	D26-BH11	U
	D20-BH02	ND	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	13000
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	66.0		
	D20-BH07	U	D26-BH07	19.0		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	38.0	D26-BH09	4.0		
	D20-BH10	61.0	D26-BH10	U		
BEDROCK CONTACT	D20-BH01	U	D26-BH01	70.0	D26-BH11	12000
	D20-BH02	2500	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	6700	D26-BH13	16000
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	4300	D26-BH05	U		
	D20-BH06	130	D26-BH06	200		
	D20-BH07	U	D26-BH07	720		
	D20-BH08	5700	D26-BH08	6300		
	D20-BH09	130	D26-BH09	360		
	D20-BH10	66.0	D26-BH10	2800		

ND: NO DATA
 U: UNDETECTED

Figure 5.13 D/26 Area 1,2-DCE concentrations in soil (ug/kg).
 Note:Contaminants below 10 ft reflect groundwater contamination.

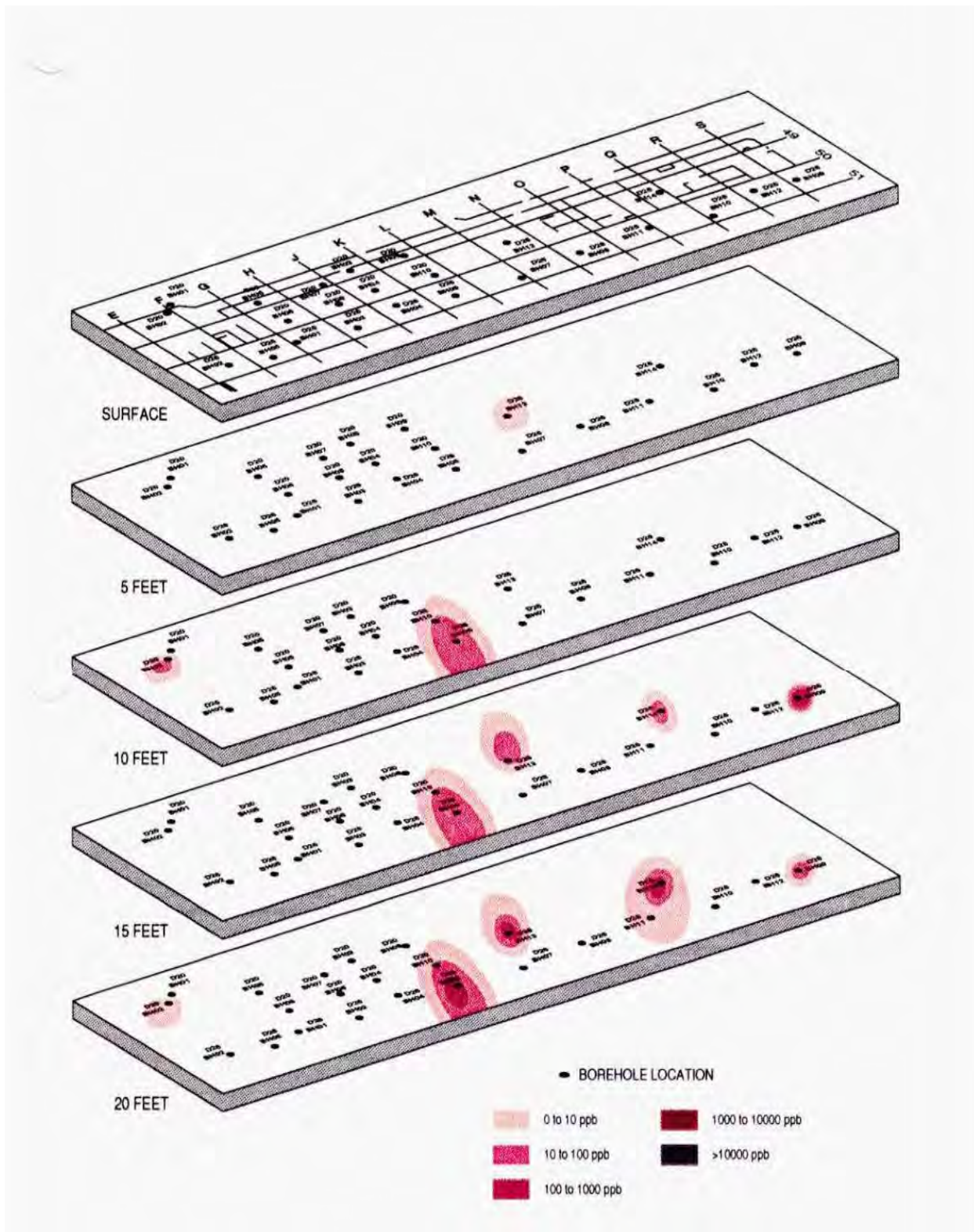


Figure 5.14 D/26 Area 1,2-DCE concentrations in soil (ug/kg).
 Note: contaminants below 10 ft reflect groundwater contamination.

1,2-DICHLOROETHENE CONCENTRATIONS

DEPTH	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
5 FEET	D20-BH01	U	D26-BH01	U	D26-BH11	NA
	D20-BH02	ND	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	NA	D26-BH13	4.0
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	NA		
	D20-BH06	U	D26-BH06	NA		
	D20-BH07	U	D26-BH07	NA		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	NA		
10 FEET	D20-BH01	ND	D26-BH01	U	D26-BH11	U
	D20-BH02	31	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	20.0		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	14.0	D26-BH10	U		
15 FEET	D20-BH01	U	D26-BH01	U	D26-BH11	U
	D20-BH02	ND	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	36.0
	D20-BH04	U	D26-BH04	U	D26-BH14	90.0
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	12.0		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	590		
	D20-BH10	94.0	D26-BH10	U		
20 FEET	D20-BH01	ND	D26-BH01	U	D26-BH11	U
	D20-BH02	10.0	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	200
	D20-BH04	U	D26-BH04	U	D26-BH14	820
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	260		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	36.0		
	D20-BH10	69.0	D26-BH10	U		

ND: NO DATA
 U: UNDETECTED

Figure 5.15 D/26 Area 1,2-DCE concentrations in soil (ug/kg).
 Note:Contaminants below 10 ft reflect groundwater contamination

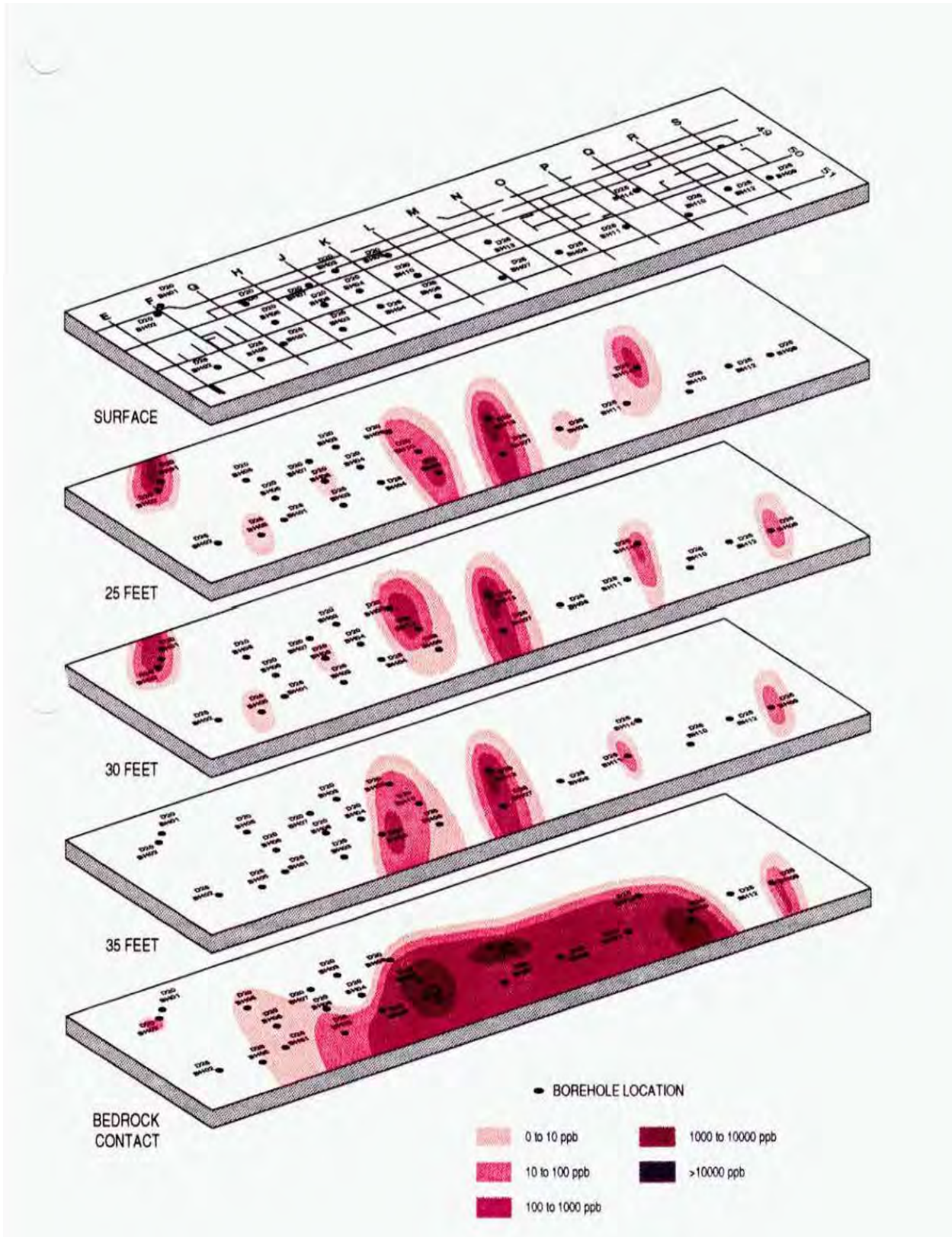


Figure 5.16 D/26 Area 1,2-DCE concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination

1,2-DICHLOROETHENE CONCENTRATIONS

DEPTH	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
25 FEET	D20-BH01	ND	D26-BH01	U	D26-BH11	6.0
	D20-BH02	2500	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	3000
	D20-BH04	U	D26-BH04	U	D26-BH14	240
	D20-BH05	U	D26-BH05	7.0		
	D20-BH06	U	D26-BH06	1200		
	D20-BH07	U	D26-BH07	120		
	D20-BH08	2.0	D26-BH08	U		
	D20-BH09	41.0	D26-BH09	U		
	D20-BH10	85.0	D26-BH10	U		
30 FEET	D20-BH01	110	D26-BH01	U	D26-BH11	U
	D20-BH02	ND	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	7000
	D20-BH04	U	D26-BH04	U	D26-BH14	840
	D20-BH05	U	D26-BH05	4.0		
	D20-BH06	U	D26-BH06	10.0		
	D20-BH07	U	D26-BH07	440		
	D20-BH08	2.0	D26-BH08	U		
	D20-BH09	120	D26-BH09	67.0		
	D20-BH10	250	D26-BH10	U		
35 FEET	D20-BH01	ND	D26-BH01	U	D26-BH11	68.0
	D20-BH02	ND	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	9500
	D20-BH04	U	D26-BH04	210	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	7.0		
	D20-BH07	U	D26-BH07	130		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	40.0	D26-BH09	42.0		
	D20-BH10	96.0	D26-BH10	U		
BEDROCK CONTACT	D20-BH01	U	D26-BH01	8.0	D26-BH11	190
	D20-BH02	76	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	10.0	D26-BH13	7700
	D20-BH04	U	D26-BH04	270	D26-BH14	NA
	D20-BH05	5.0	D26-BH05	U		
	D20-BH06	6.0	D26-BH06	2000		
	D20-BH07	U	D26-BH07	230		
	D20-BH08	14.0	D26-BH08	530		
	D20-BH09	110	D26-BH09	170		
	D20-BH10	49.0	D26-BH10	1100		

ND: NO DATA
 U: UNDETECTED

Figure 5.17 D/26 Area chloroethene concentrations in soil (ug/kg)
 Note: Contaminants below 10 ft reflect groundwater contamination.

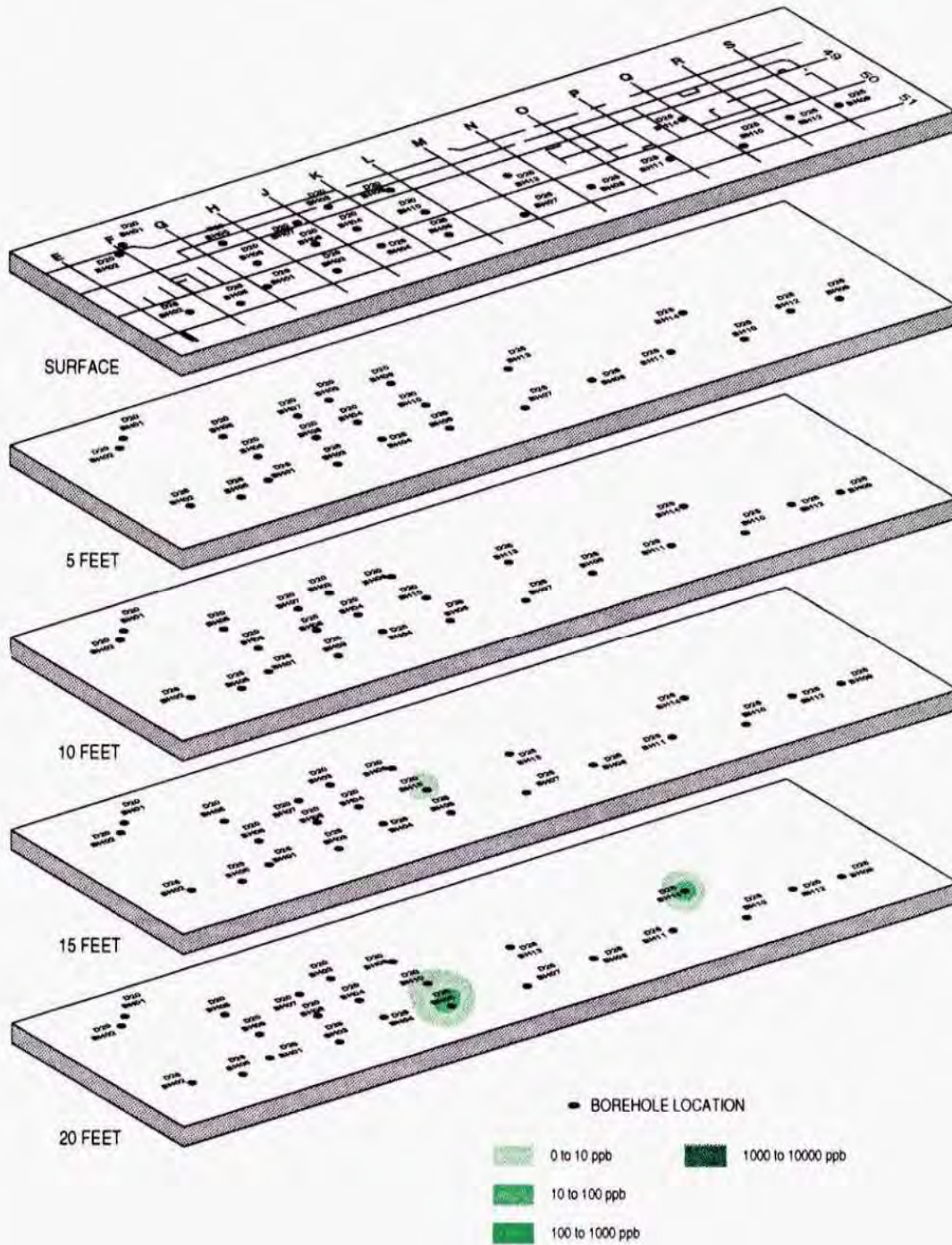


Figure 5.18 D/26 Area chloroethene concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination.

CHLOROETHENE CONCENTRATIONS

5 FEET	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	U	D26-BH01	U	D26-BH11	NA
D20-BH02	ND	D26-BH02	U	D26-BH12	NA	
D20-BH03	U	D26-BH03	NA	D26-BH13	U	
D20-BH04	U	D26-BH04	U	D26-BH14	NA	
D20-BH05	U	D26-BH05	NA			
D20-BH06	U	D26-BH06	NA			
D20-BH07	U	D26-BH07	NA			
D20-BH08	U	D26-BH08	U			
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	NA			

10 FEET	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	ND	D26-BH01	U	D26-BH11	U
D20-BH02	U	D26-BH02	U	D26-BH12	U	
D20-BH03	U	D26-BH03	U	D26-BH13	U	
D20-BH04	U	D26-BH04	U	D26-BH14	NA	
D20-BH05	U	D26-BH05	U			
D20-BH06	U	D26-BH06	U			
D20-BH07	U	D26-BH07	U			
D20-BH08	U	D26-BH08	U			
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	U			

15 FEET	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	U	D26-BH01	U	D26-BH11	U
D20-BH02	ND	D26-BH02	U	D26-BH12	U	
D20-BH03	U	D26-BH03	U	D26-BH13	U	
D20-BH04	U	D26-BH04	U	D26-BH14	U	
D20-BH05	U	D26-BH05	U			
D20-BH06	U	D26-BH06	U			
D20-BH07	U	D26-BH07	U			
D20-BH08	U	D26-BH08	U			
D20-BH09	U	D26-BH09	U			
D20-BH10	3.0	D26-BH10	U			

20 FEET	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
	D20-BH01	ND	D26-BH01	U	D26-BH11	U
D20-BH02	U	D26-BH02	U	D26-BH12	U	
D20-BH03	U	D26-BH03	U	D26-BH13	U	
D20-BH04	U	D26-BH04	U	D26-BH14	29.0	
D20-BH05	U	D26-BH05	U			
D20-BH06	U	D26-BH06	12.0			
D20-BH07	U	D26-BH07	U			
D20-BH08	U	D26-BH08	U			
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	67.0			

ND: NO DATA
 U: UNDETECTED

Figure 5.19 D/26 Area chloroethene concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination.

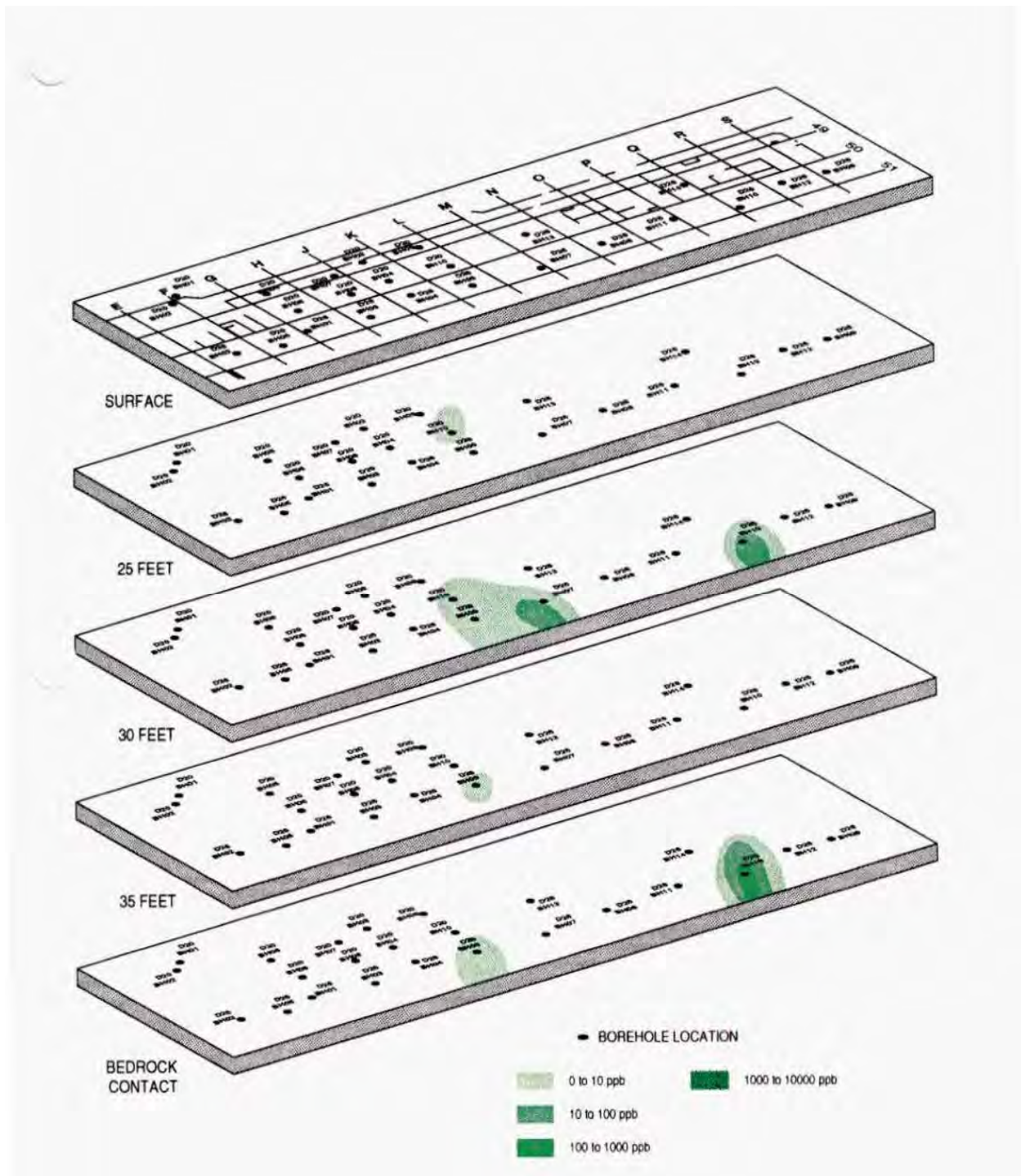


Figure 5.20 D/26 Area chloroethene concentrations in soil (ug/kg).
 Note: Contaminants below 10 ft reflect groundwater contamination.

CHLOROETHENE CONCENTRATIONS

DEPTH	BOREHOLE		PPB		BOREHOLE		PPB		BOREHOLE		PPB	
	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB	BOREHOLE	PPB
25 FEET	D20-BH01	U	D26-BH01	U	D26-BH11	U	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U			D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U			D20-BH08	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U			D20-BH09	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U			D20-BH10	4.0	D26-BH09	U		
	D20-BH10	4.0	D26-BH10	U					D26-BH10	U		
30 FEET	D20-BH01	U	D26-BH01	U	D26-BH11	U	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U	D20-BH04	U	D26-BH03	U	D26-BH14	U
	D20-BH05	U	D26-BH04	U			D20-BH06	U	D26-BH04	U		
	D20-BH07	U	D26-BH05	U			D20-BH08	U	D26-BH05	U		
	D20-BH09	U	D26-BH06	9.0			D20-BH10	7.0	D26-BH06	9.0		
	D20-BH10	7.0	D26-BH07	38.0					D26-BH07	38.0		
			D26-BH08	U					D26-BH08	U		
			D26-BH09	U					D26-BH09	U		
			D26-BH10	52.0					D26-BH10	52.0		
35 FEET	D20-BH01	U	D26-BH01	U	D26-BH11	U	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U	D20-BH04	U	D26-BH03	U	D26-BH14	NA
	D20-BH05	U	D26-BH04	U			D20-BH06	U	D26-BH04	U		
	D20-BH07	U	D26-BH05	U			D20-BH08	U	D26-BH05	U		
	D20-BH09	U	D26-BH06	1.0			D20-BH10	U	D26-BH06	1.0		
	D20-BH10	U	D26-BH07	U					D26-BH07	U		
			D26-BH08	U					D26-BH08	U		
			D26-BH09	U					D26-BH09	U		
			D26-BH10	U					D26-BH10	U		
BEDROCK CONTACT	D20-BH01	U	D26-BH01	U	D26-BH11	U	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U	D20-BH04	U	D26-BH03	U	D26-BH14	NA
	D20-BH05	U	D26-BH04	U			D20-BH06	U	D26-BH04	U		
	D20-BH07	U	D26-BH05	U			D20-BH08	U	D26-BH05	U		
	D20-BH09	U	D26-BH06	6.0			D20-BH10	U	D26-BH06	6.0		
	D20-BH10	U	D26-BH07	U					D26-BH07	U		
			D26-BH08	U					D26-BH08	U		
			D26-BH09	U					D26-BH09	U		
			D26-BH10	180					D26-BH10	180		

ND: NO DATA
 U: UNDETECTED

Figure 5.21 D/26 Area TPHC concentrations in soil (mg/kg).

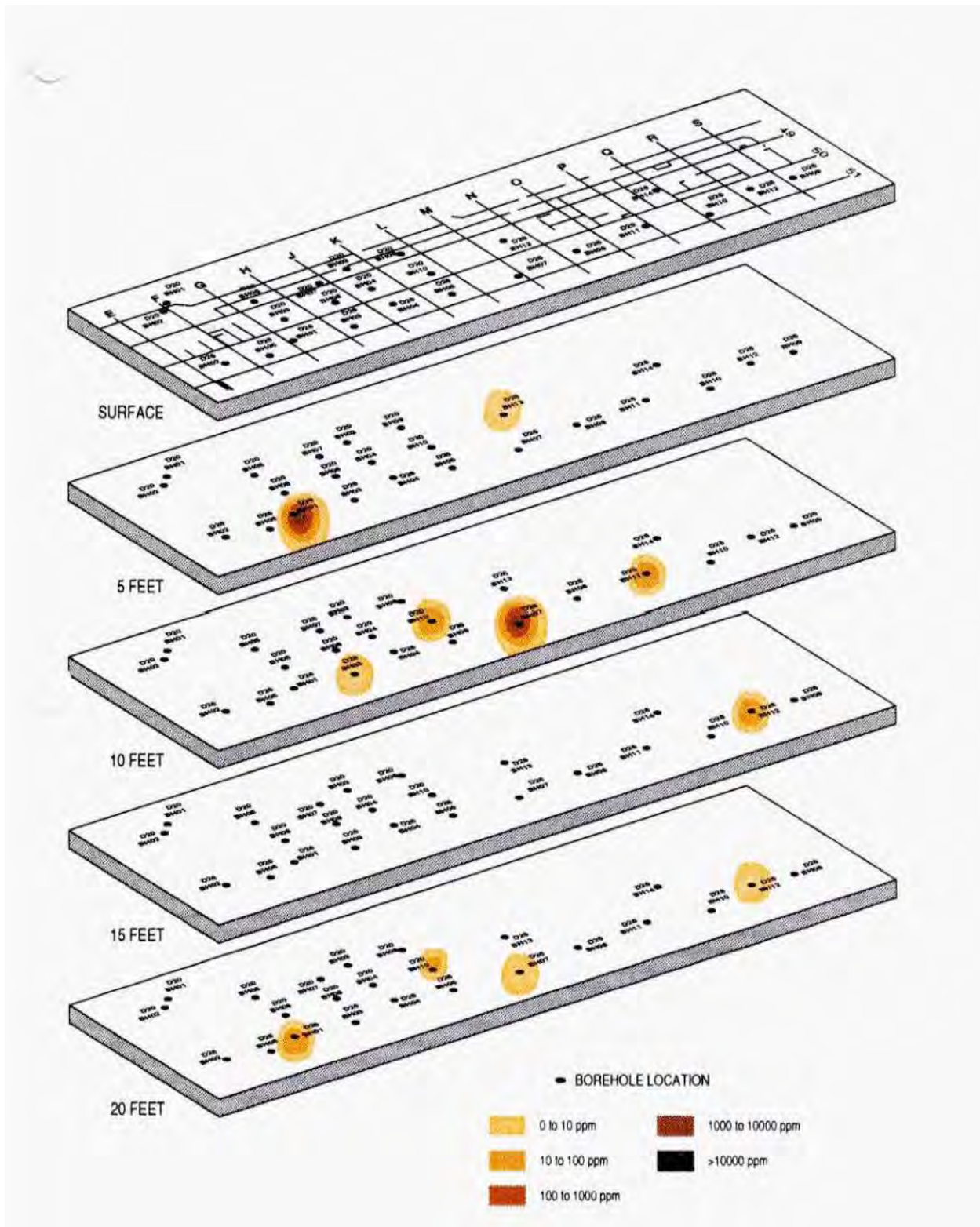


Figure 5.22 D/26 Area TPHC concentrations in soil (mg/kg)

TPH CONCENTRATIONS

5 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
		PPM		PPM		PPM
	D20-BH01	U	D26-BH01	1100	D26-BH11	NA
	D20-BH02	U	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	NA	D26-BH13	9.4
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	NA		
	D20-BH06	U	D26-BH06	NA		
	D20-BH07	U	D26-BH07	NA		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	NA		

10 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
		PPM		PPM		PPM
	D20-BH01	U	D26-BH01	U	D26-BH11	85.0
	D20-BH02	U	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	5.0	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	1000		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	26.0		

15 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
		PPM		PPM		PPM
	D20-BH01	U	D26-BH01	U	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	39.0
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		

20 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
		PPM		PPM		PPM
	D20-BH01	U	D26-BH01	61.0	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	9.0
	D20-BH03	U	D26-BH03	7.0	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	8.0		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	330		

ND: NO DATA
U: UNDETECTED

Figure 5.23 D/26 Area TPHC concentrations in soil (mg/kg)

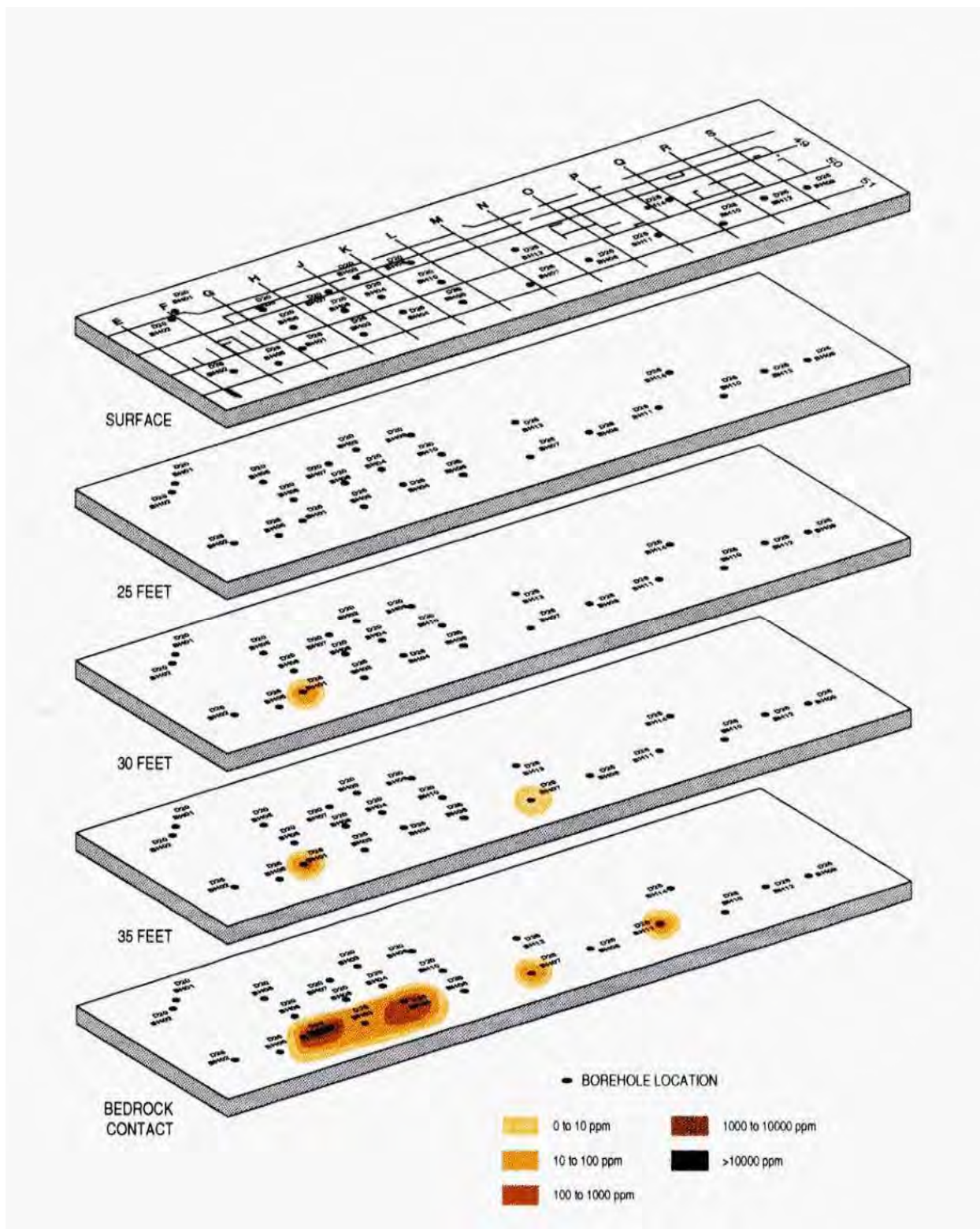


Figure 5.24 D/26 Area TPHC concentrations in soil (mg/kg)

TPH CONCENTRATIONS

25 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	PPM		PPM		PPM	
	D20-BH01	U	D26-BH01	U	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	U			

30 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	PPM		PPM		PPM	
	D20-BH01	U	D26-BH01	62.0	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	U			

35 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	PPM		PPM		PPM	
	D20-BH01	U	D26-BH01	260	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	8.0		
	D20-BH08	U	D26-BH08	U		
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	U			

BEDROCK CONTACT	BOREHOLE		BOREHOLE		BOREHOLE	
	PPM		PPM		PPM	
	D20-BH01	U	D26-BH01	2500	D26-BH11	120
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	20	D26-BH13	U
	D20-BH04	U	D26-BH04	600	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	39.0		
	D20-BH08	U	D26-BH08	U		
D20-BH09	U	D26-BH09	U			
D20-BH10	U	D26-BH10	U			

ND: NO DATA
U: UNDETECTED

Figure 5.25 Sampling locations and PCB contamination in the Plating Building and D/26 areas.

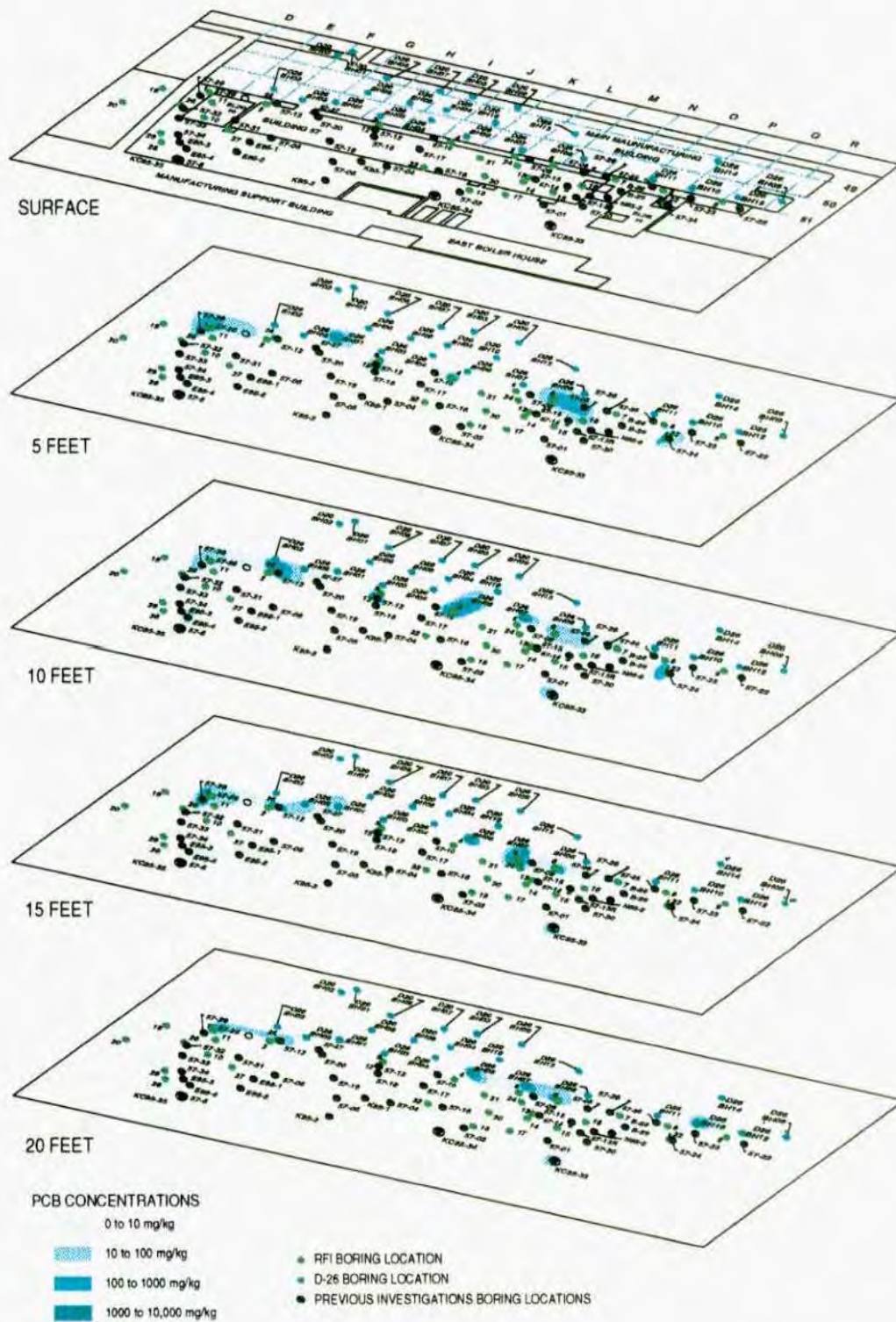


Figure 5.26 Sampling locations and PCB contamination in the Plating Building and D/26 areas (cont)

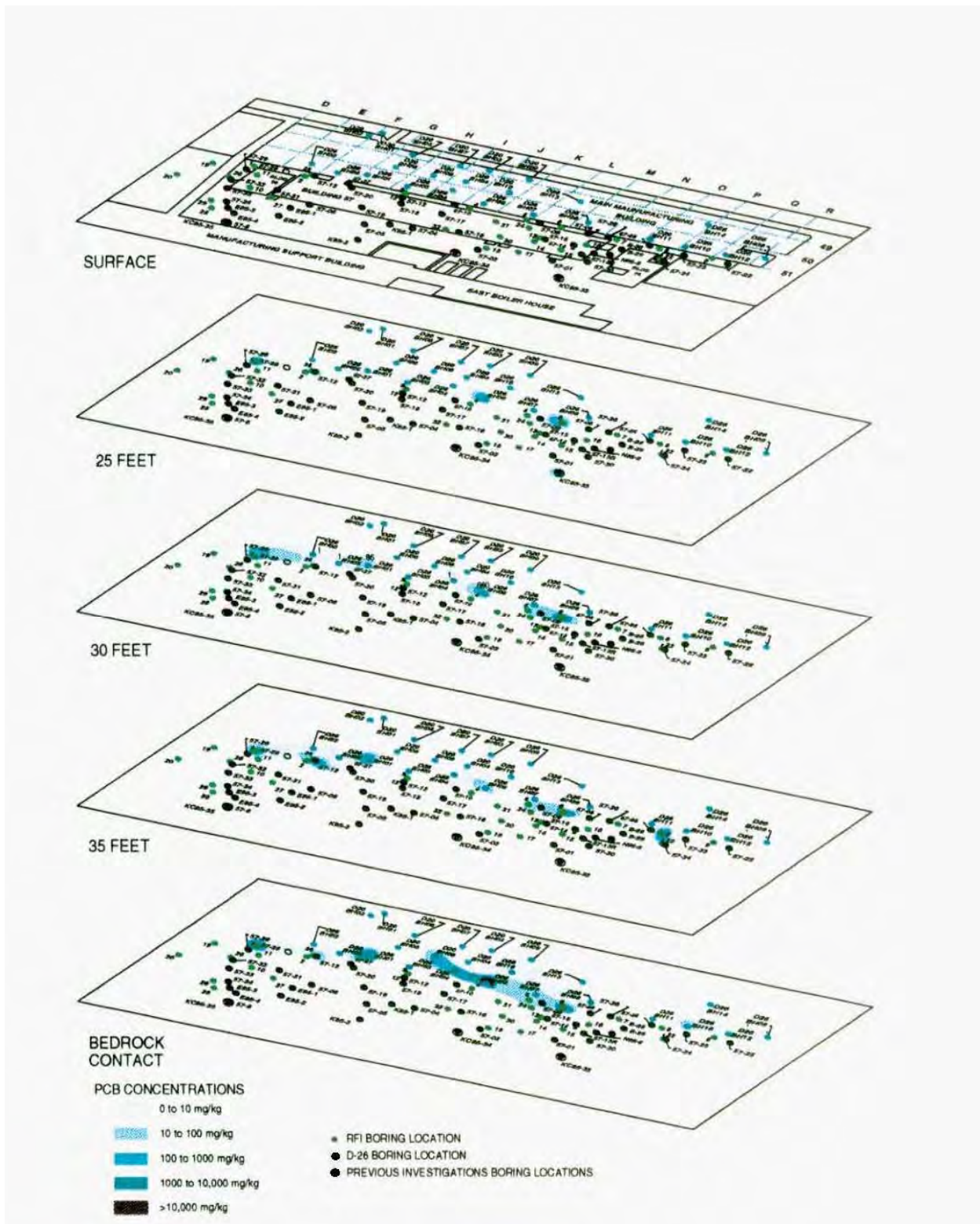


Figure 5.27 Sampling locations and TPH contamination in the Plating Building and D/26 areas

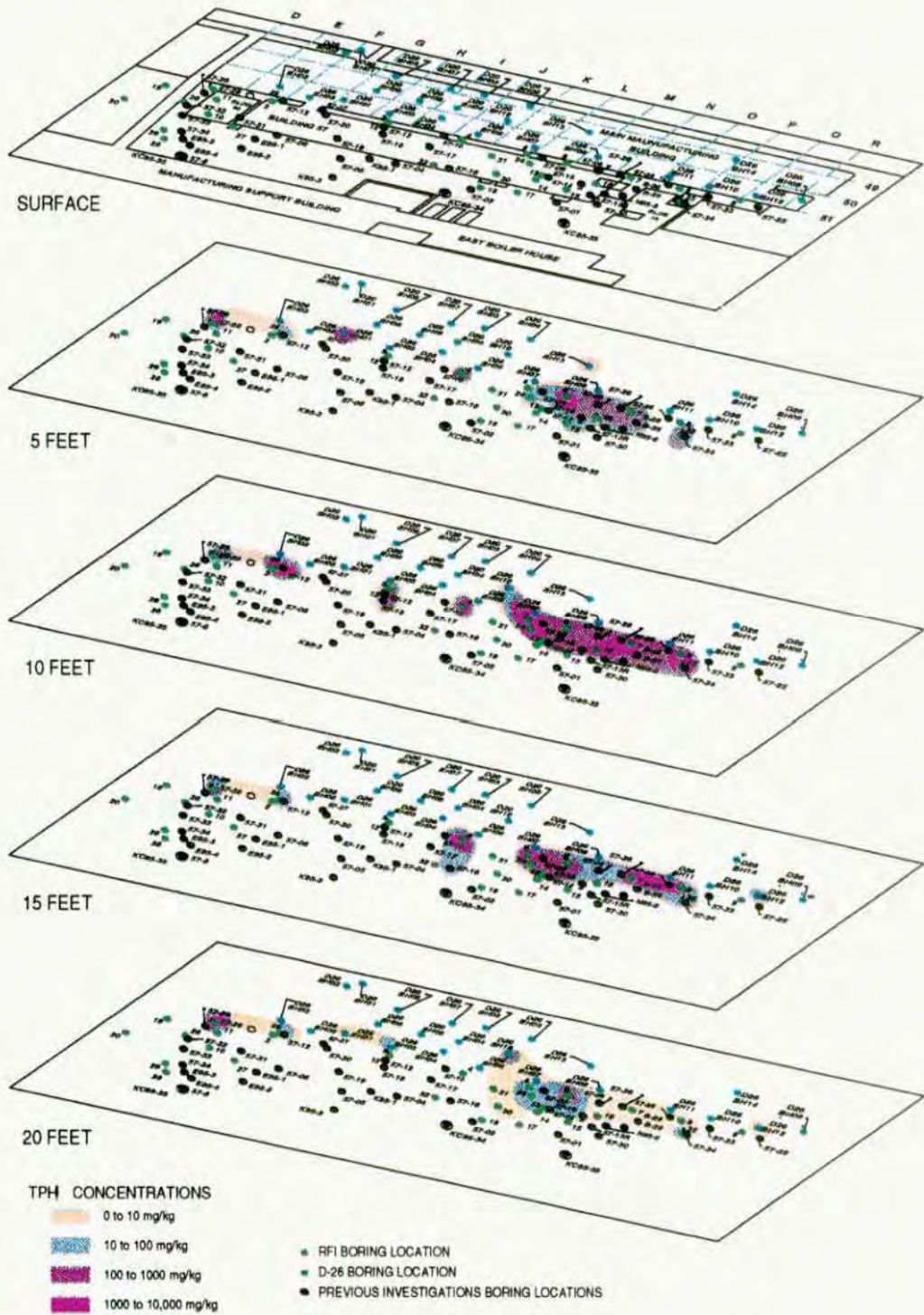


Figure 5.28 Sampling locations and PCB contamination in the Plating Building and D/26 areas (cont)

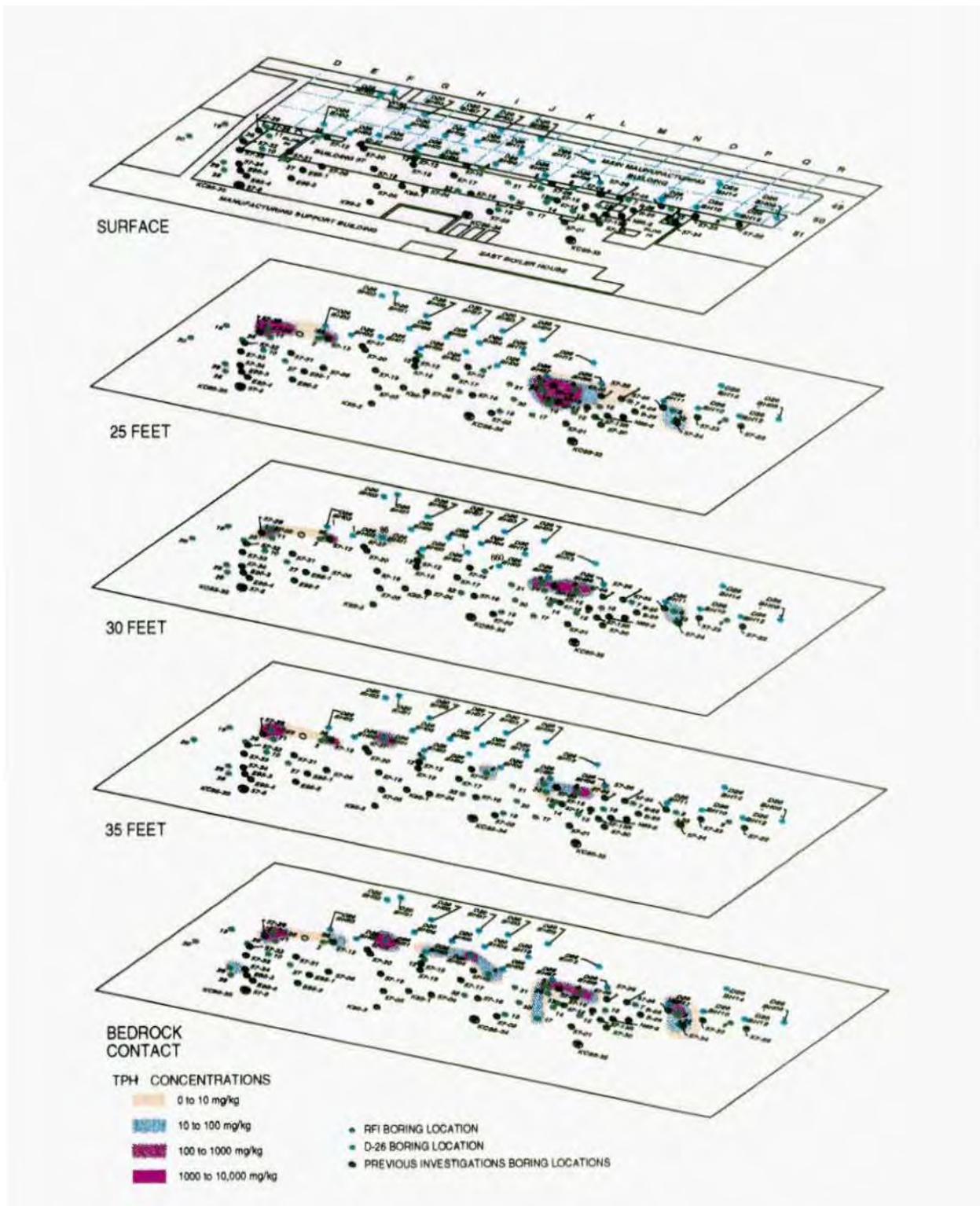


Figure 5.29 Sampling locations and VOC contamination in the Plating Building and D/26 areas

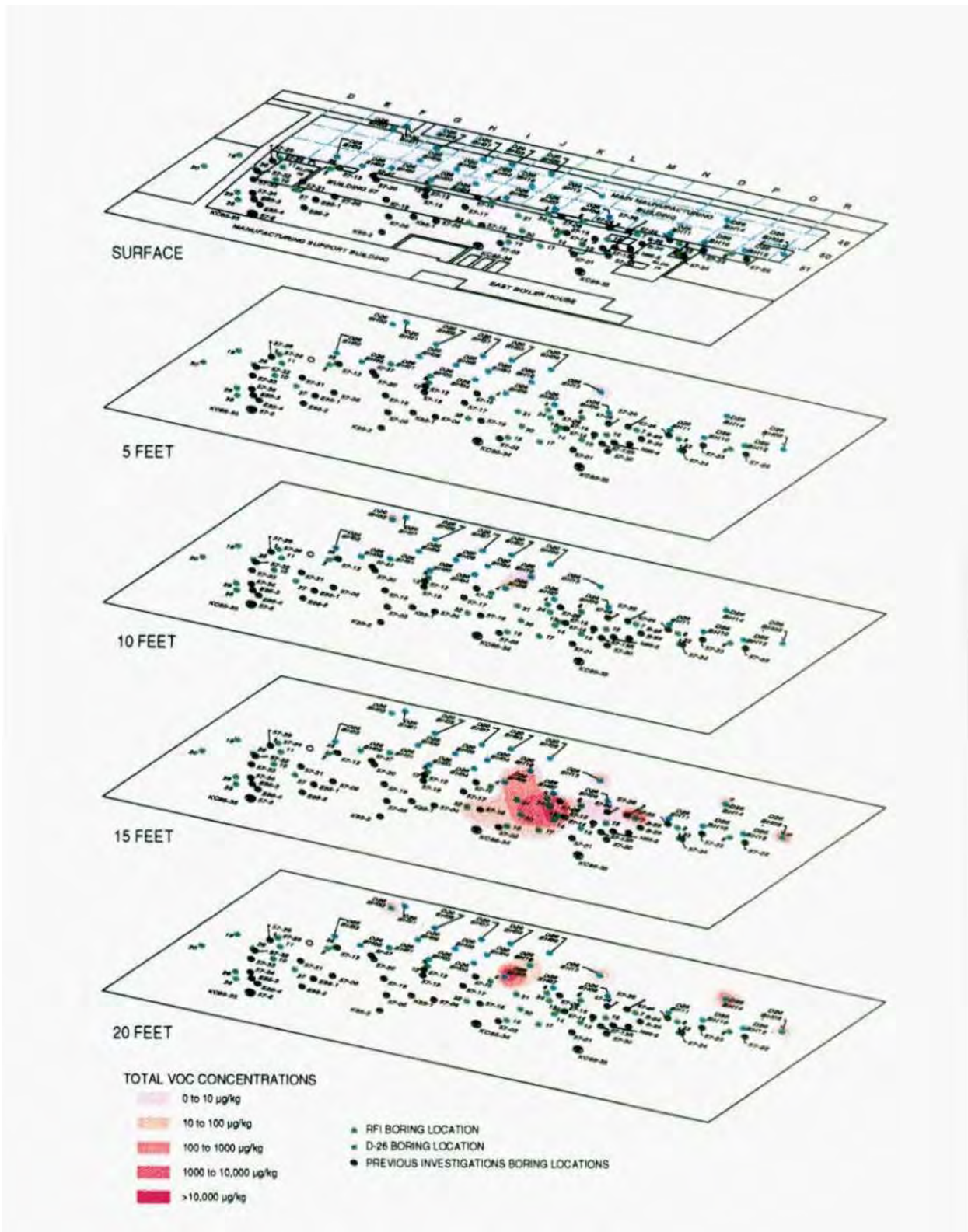


Figure 5.30 D/26 Area TPHC concentrations in soil (mg/kg)

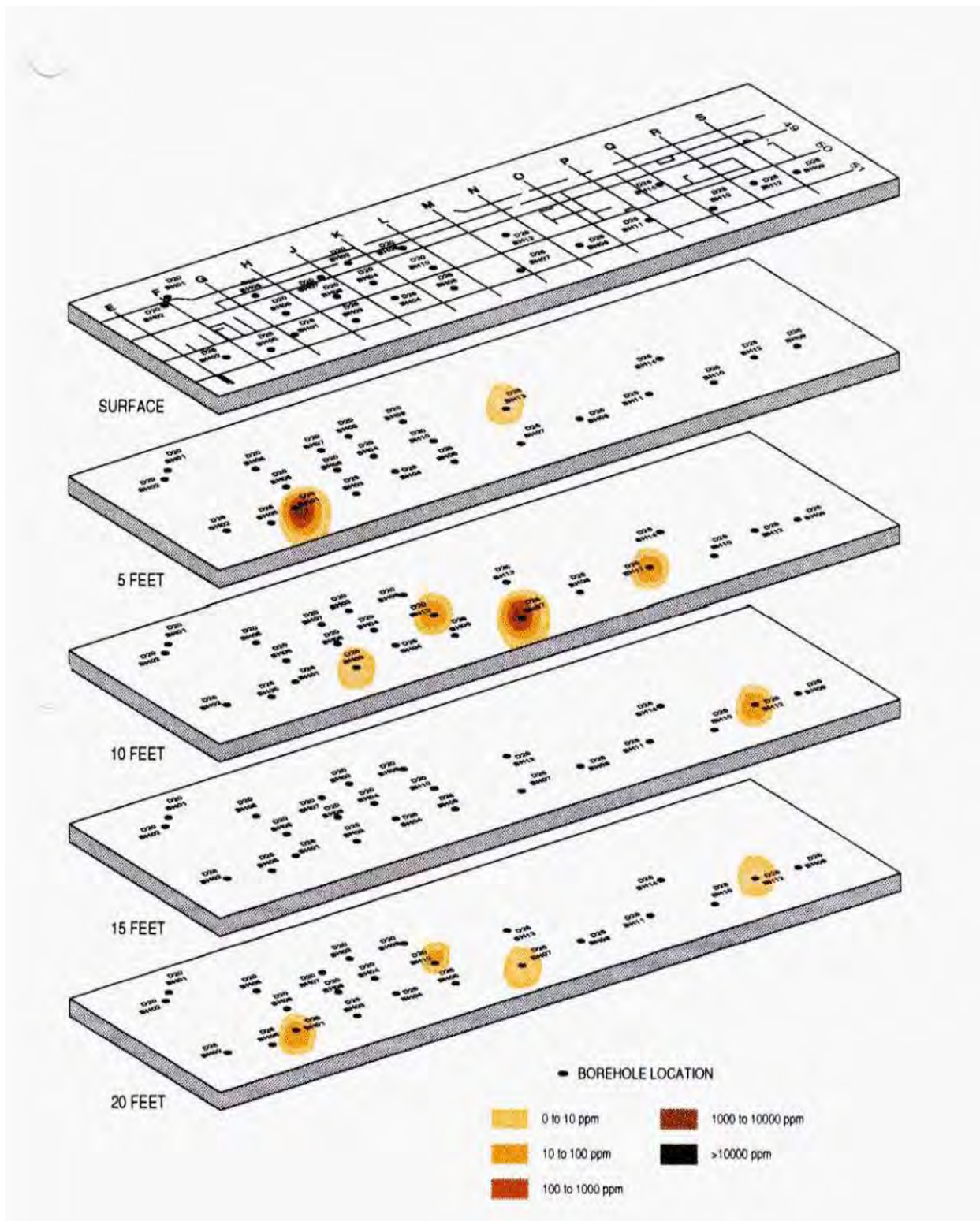


Figure 5.31 D/26 Area TPHC concentrations in soil (mg/kg)

TPH CONCENTRATIONS

5 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPM	BOREHOLE	PPM	BOREHOLE	PPM
	D20-BH01	U	D26-BH01	1100	D26-BH11	NA
	D20-BH02	U	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	NA	D26-BH13	9.4
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	NA		
	D20-BH06	U	D26-BH06	NA		
	D20-BH07	U	D26-BH07	NA		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	NA		

10 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPM	BOREHOLE	PPM	BOREHOLE	PPM
	D20-BH01	U	D26-BH01	U	D26-BH11	85.0
	D20-BH02	U	D26-BH02	U	D26-BH12	NA
	D20-BH03	U	D26-BH03	5.0	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	1000		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	26.0		

15 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPM	BOREHOLE	PPM	BOREHOLE	PPM
	D20-BH01	U	D26-BH01	U	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	39.0
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		

20 FEET	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPM	BOREHOLE	PPM	BOREHOLE	PPM
	D20-BH01	U	D26-BH01	61.0	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	9.0
	D20-BH03	U	D26-BH03	7.0	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	8.0		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	330		

ND: NO DATA
U: UNDETECTED

Figure 5.32 D/26 Area TPHC concentrations in soil (mg/kg)

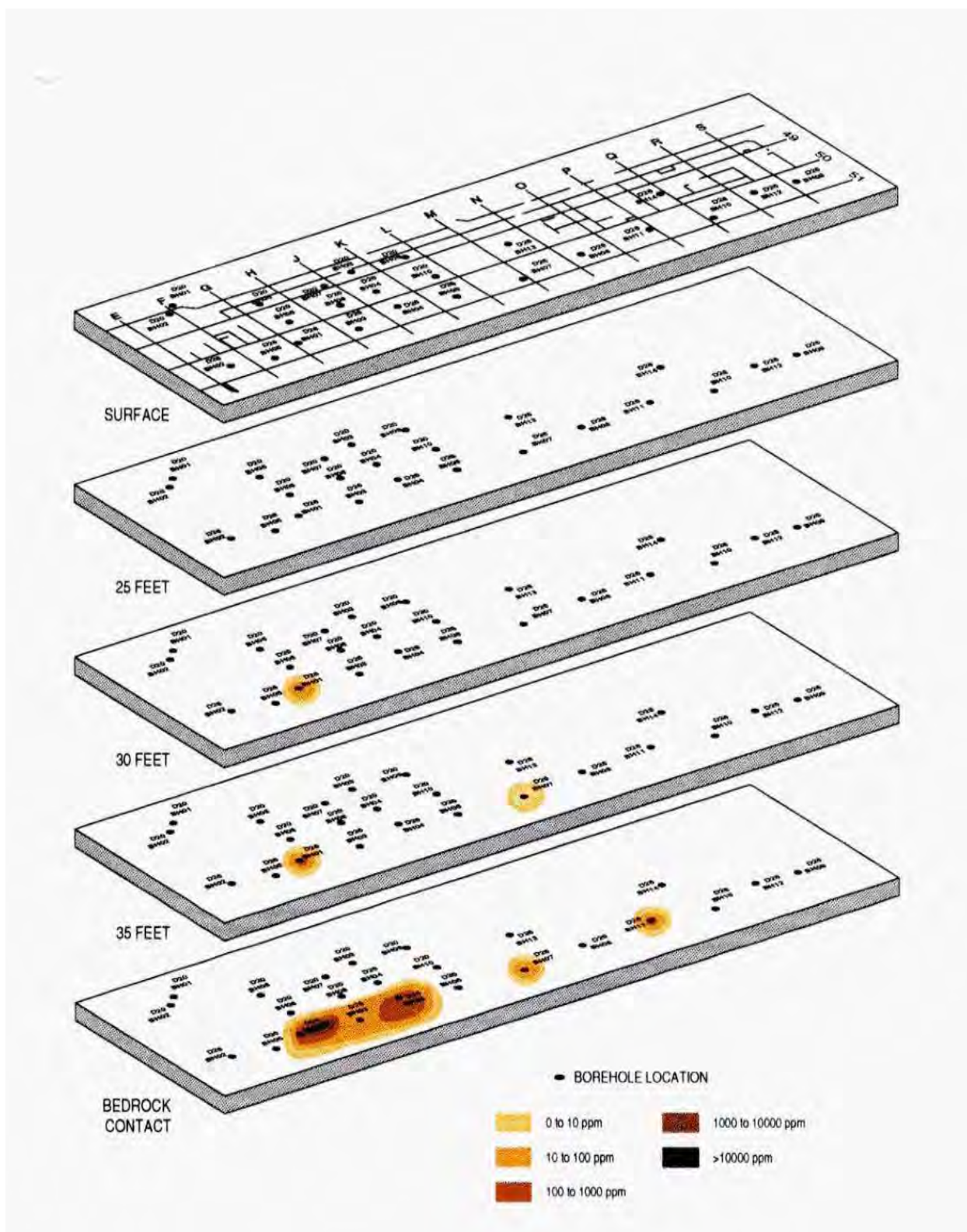


Figure 5.33 D/26 Area TPHC concentrations in soil (mg/kg)

TPH CONCENTRATIONS

DEPTH	BOREHOLE		BOREHOLE		BOREHOLE	
	BOREHOLE	PPM	BOREHOLE	PPM	BOREHOLE	PPM
25 FEET	D20-BH01	U	D26-BH01	U	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		
30 FEET	D20-BH01	U	D26-BH01	62.0	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	U
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	U		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		
35 FEET	D20-BH01	U	D26-BH01	260	D26-BH11	U
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	U	D26-BH13	U
	D20-BH04	U	D26-BH04	U	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	8.0		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		
BEDROCK CONTACT	D20-BH01	U	D26-BH01	2500	D26-BH11	120
	D20-BH02	U	D26-BH02	U	D26-BH12	U
	D20-BH03	U	D26-BH03	20	D26-BH13	U
	D20-BH04	U	D26-BH04	600	D26-BH14	NA
	D20-BH05	U	D26-BH05	U		
	D20-BH06	U	D26-BH06	U		
	D20-BH07	U	D26-BH07	39.0		
	D20-BH08	U	D26-BH08	U		
	D20-BH09	U	D26-BH09	U		
	D20-BH10	U	D26-BH10	U		

ND: NO DATA
U: UNDETECTED

Figure 5.34 Approximate location of potential sources of contamination.

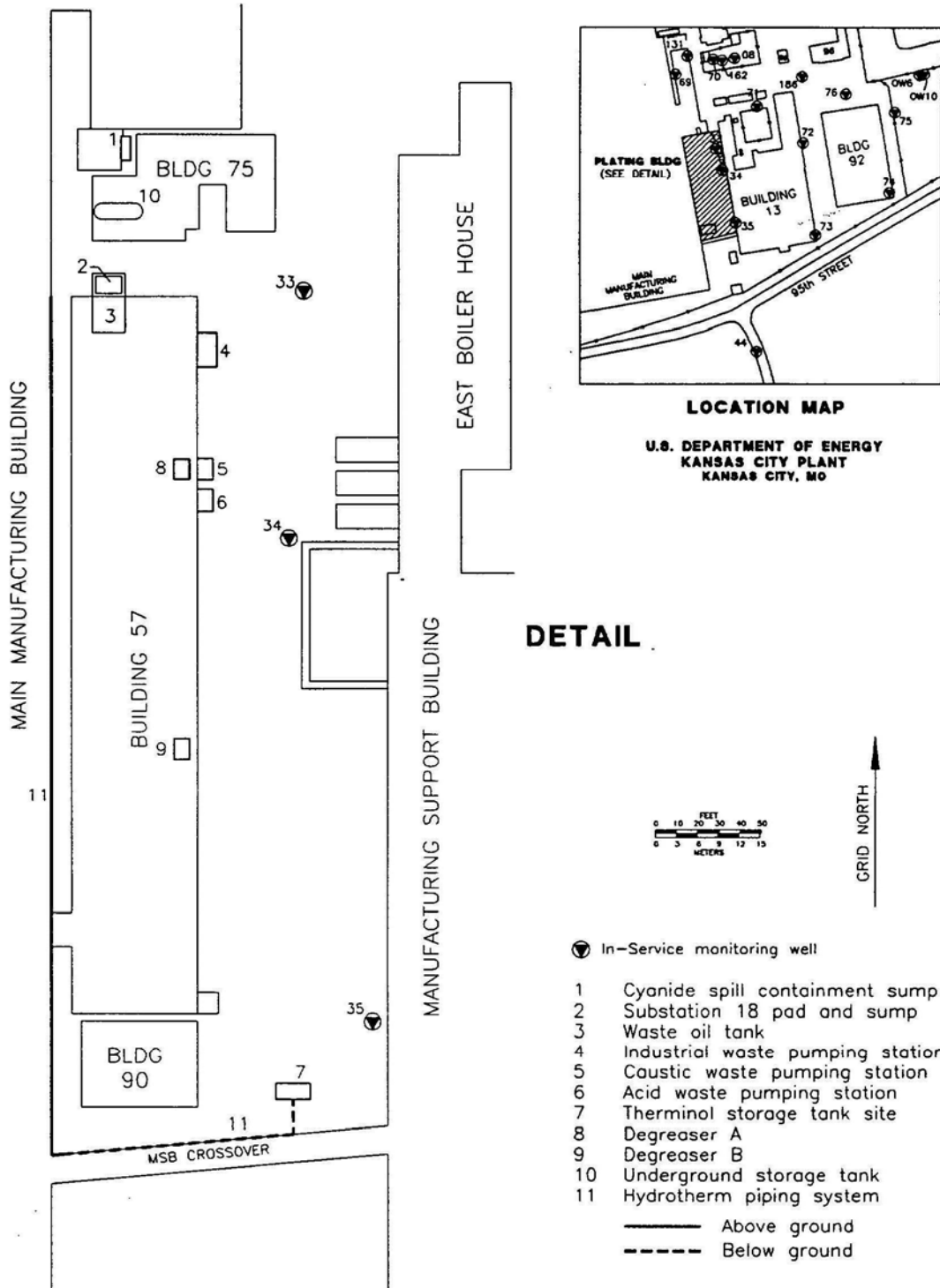


Figure 5.35 Sampling locations in the Plating Building Area

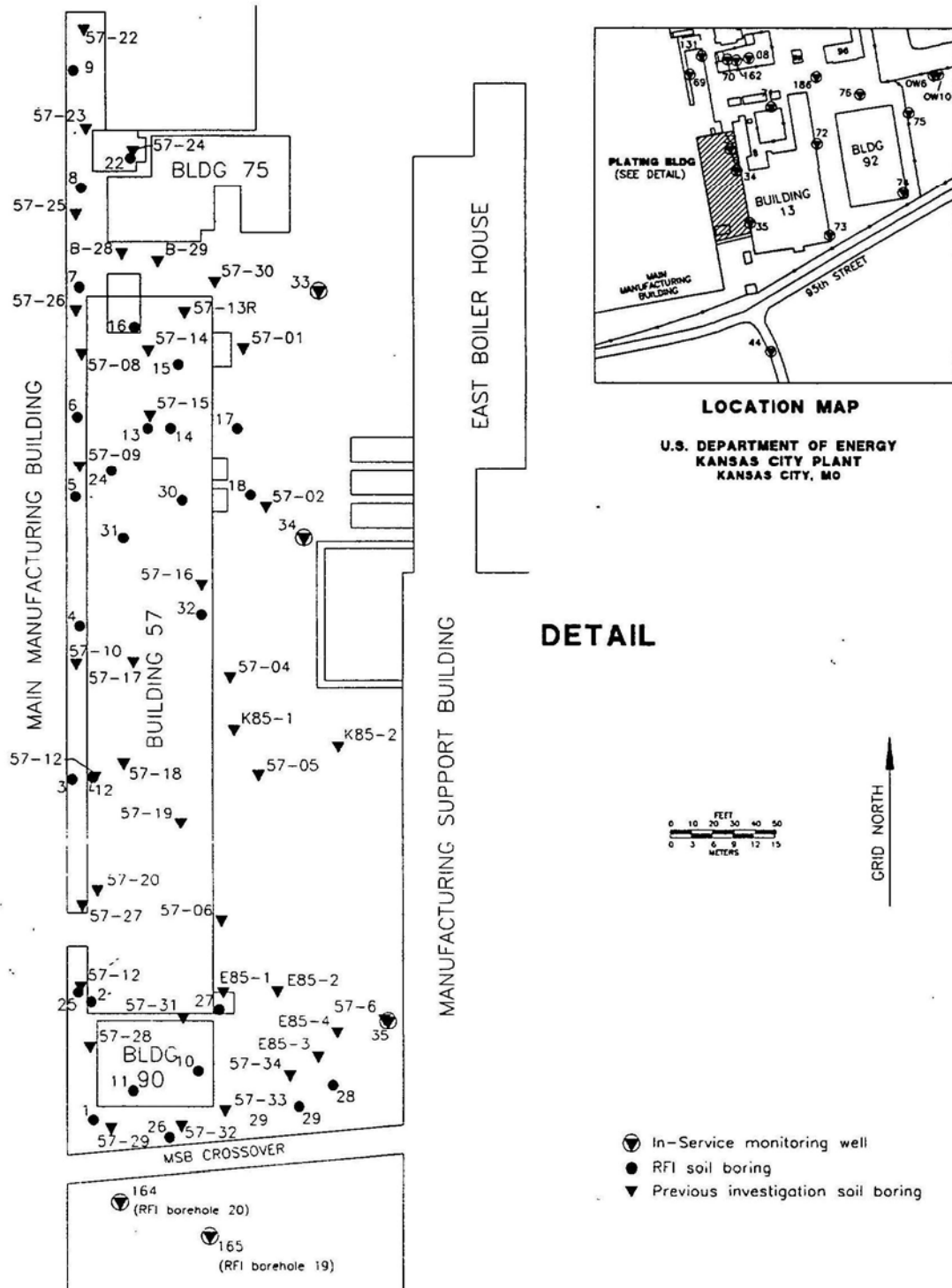


Figure 5.36 Sampling locations and PCB contamination in the Plating Building and D/26 areas.

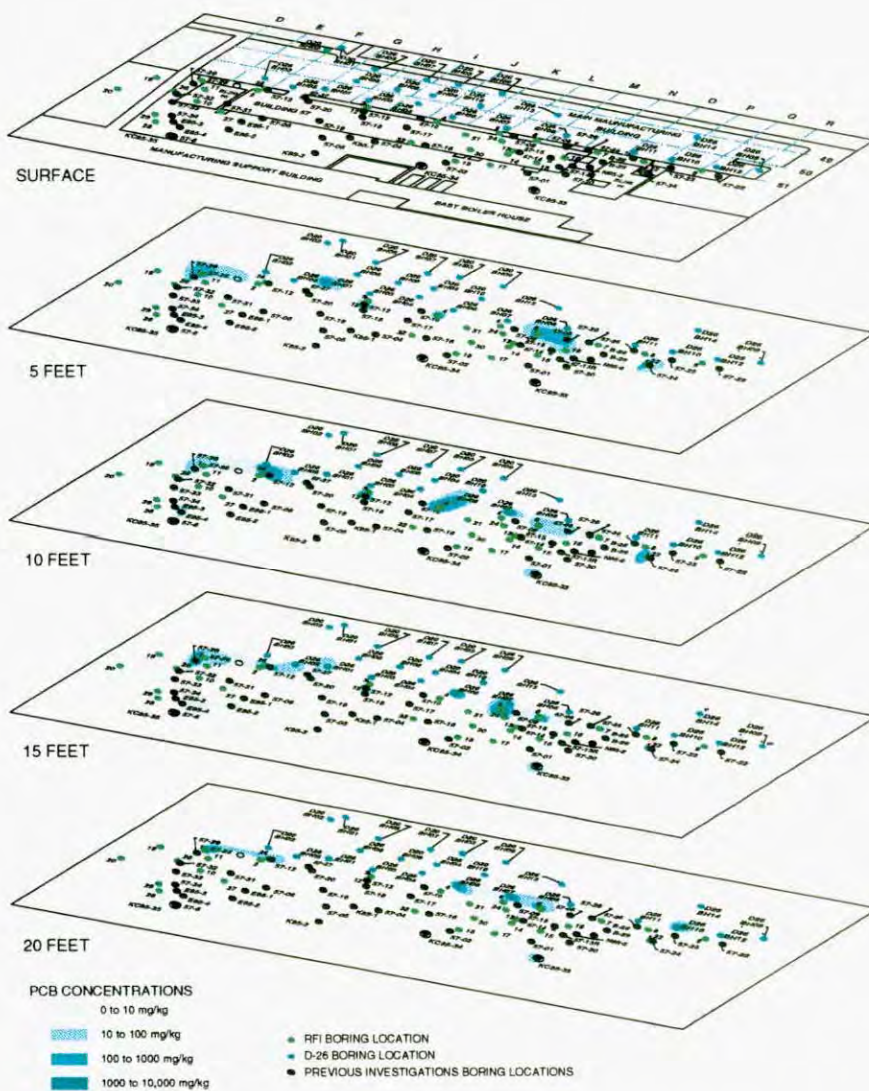


Fig. F.1. Sampling locations and PCB contamination in the Plating Building and D/26 areas.

Figure 5.36 (cont)

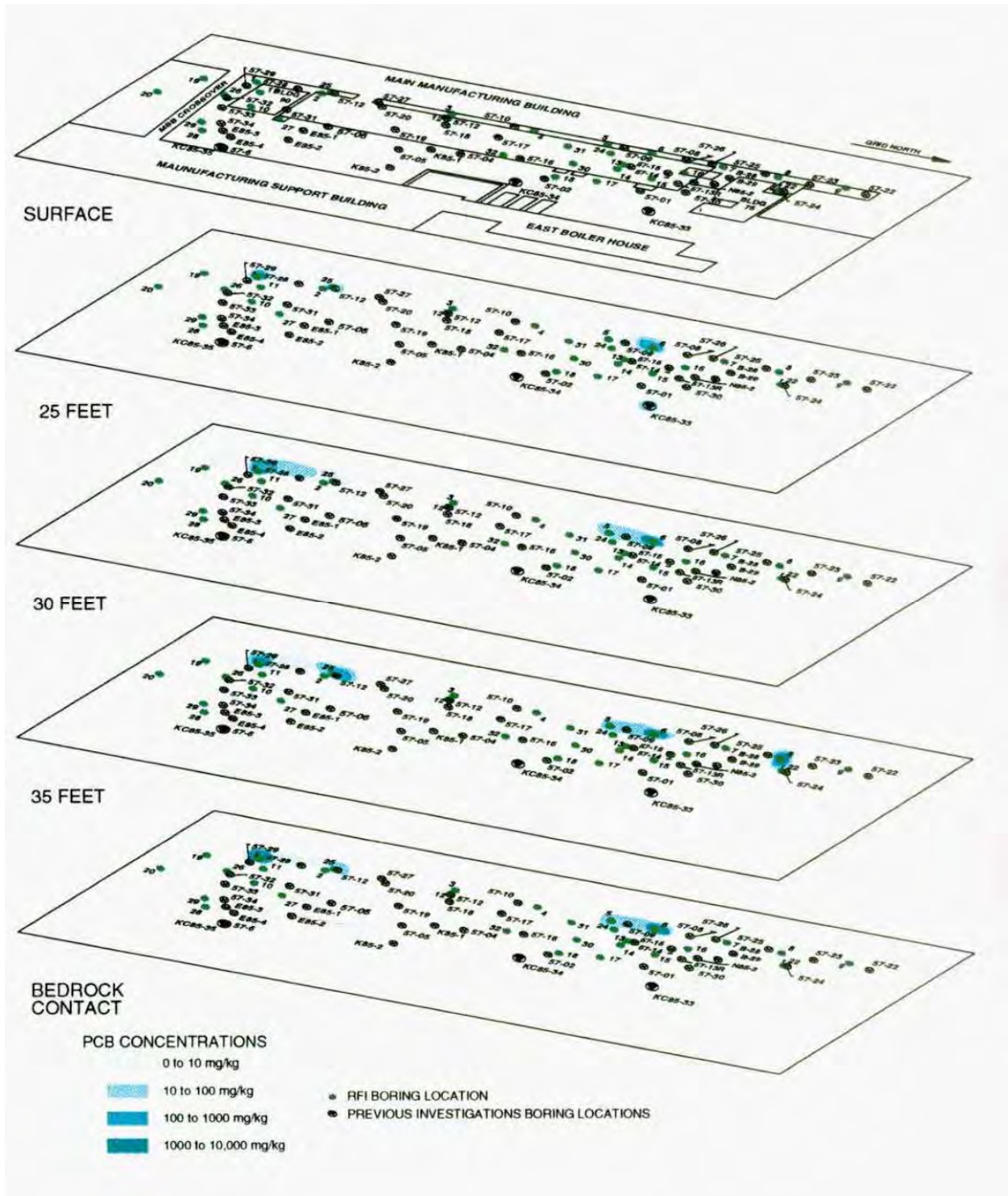


Figure 5.37 Sampling locations and TPH contamination in the Plating Building and D/26 areas.

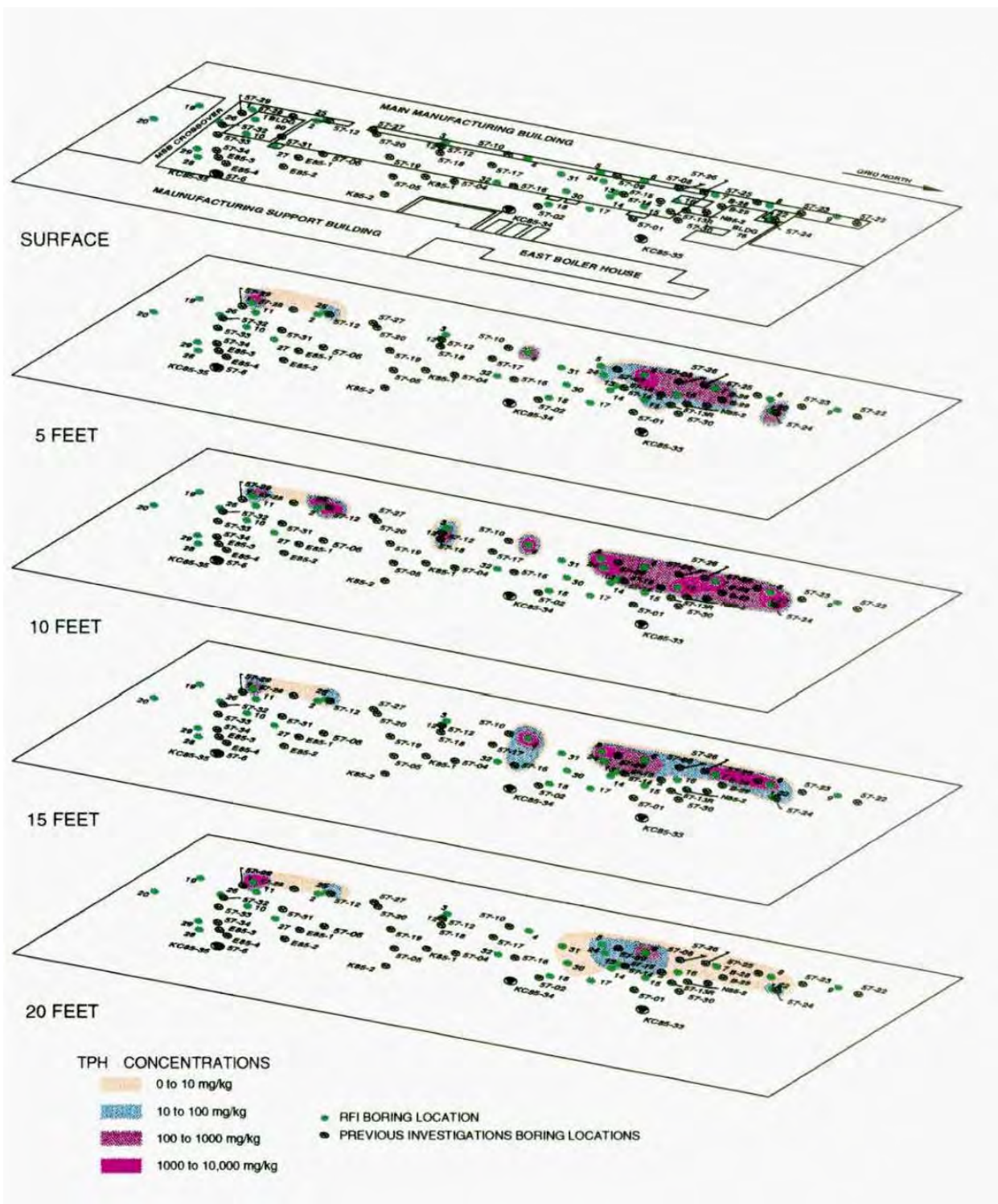


Figure 5.37 cont

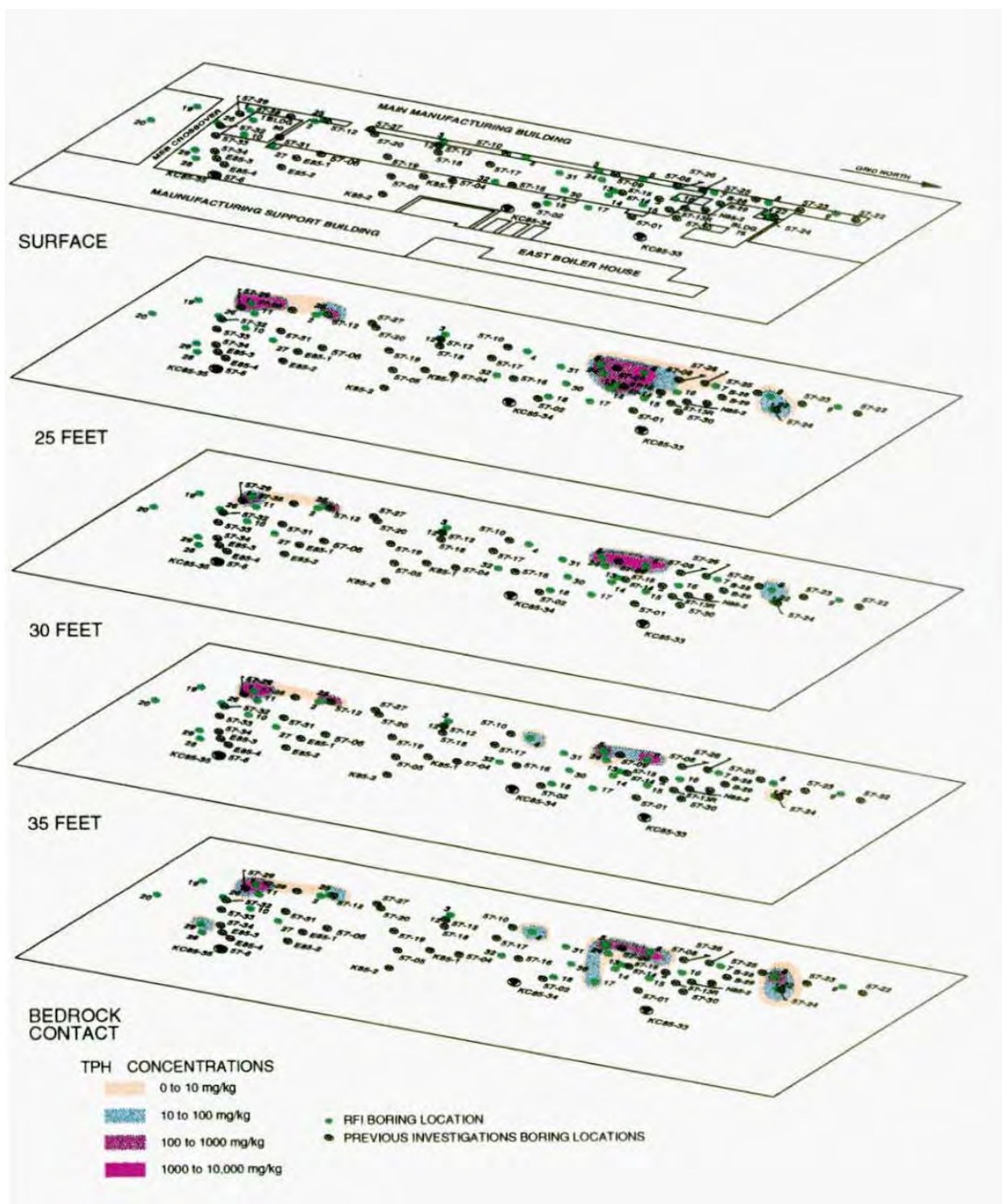


Figure 5.38 Former Plating Building Area

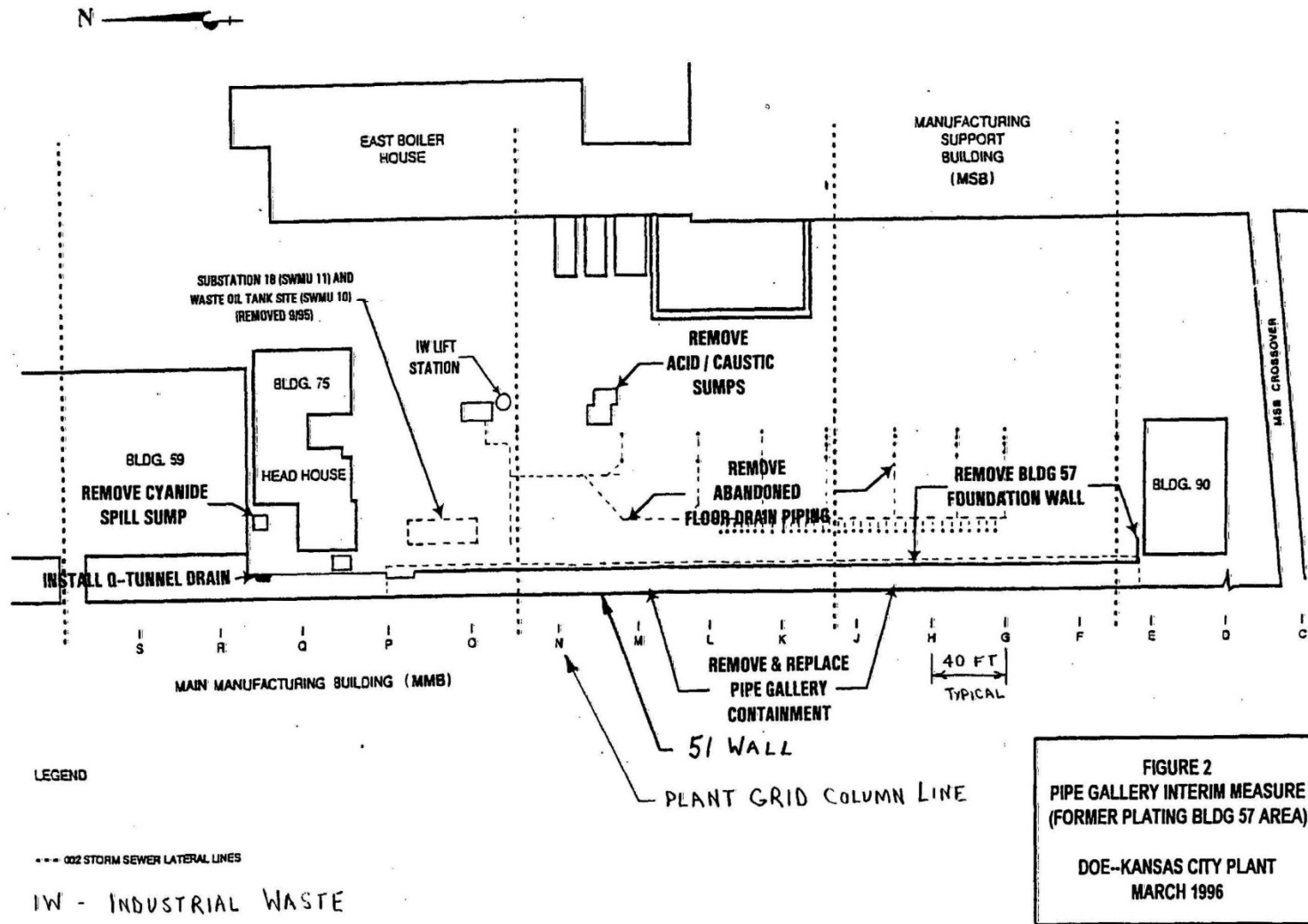


Figure 5.39

Figure 5.39 New Curb & Pavement Elevation Plan

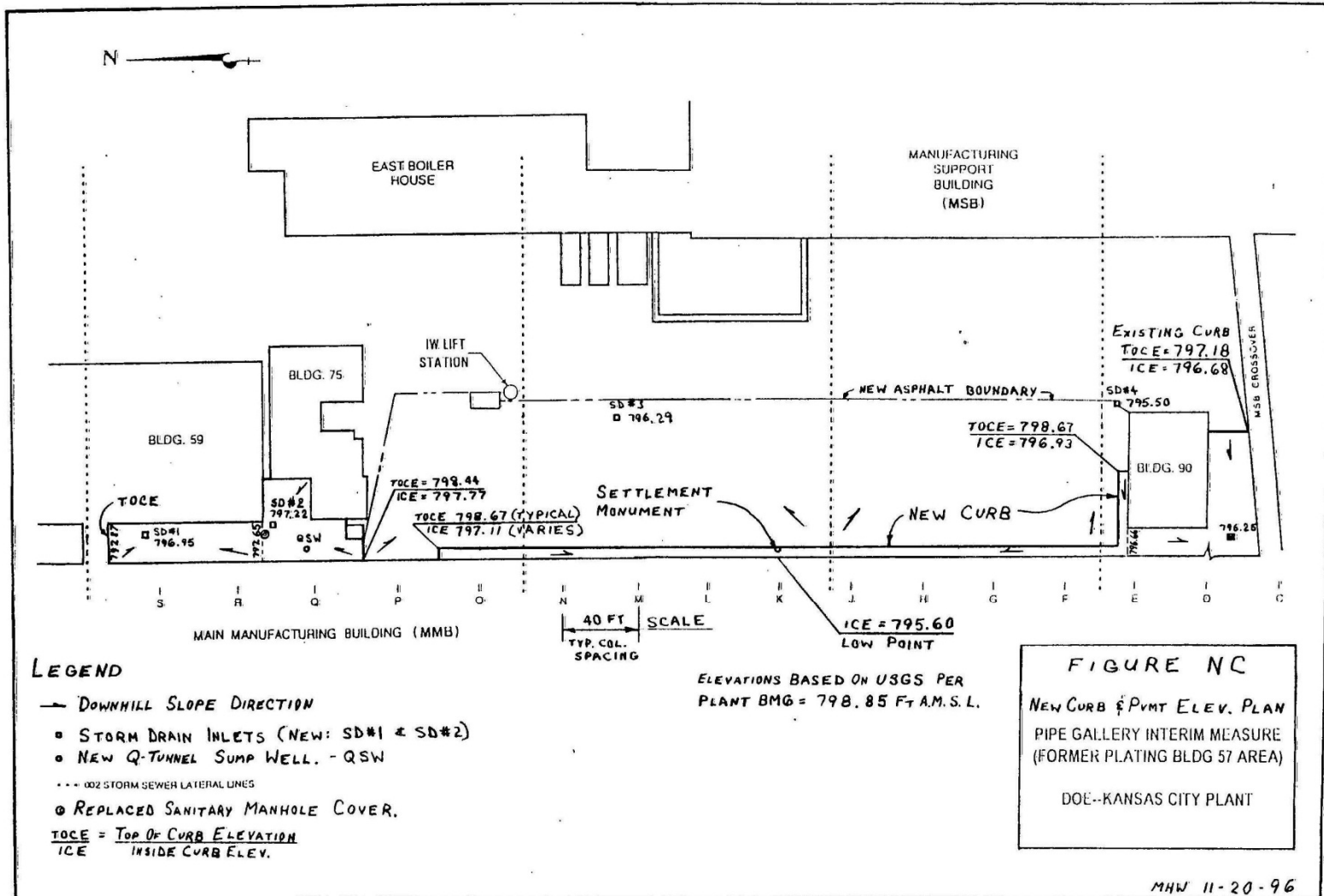


Figure 5.40 Q Tunnel Sump Well Elevation Detail

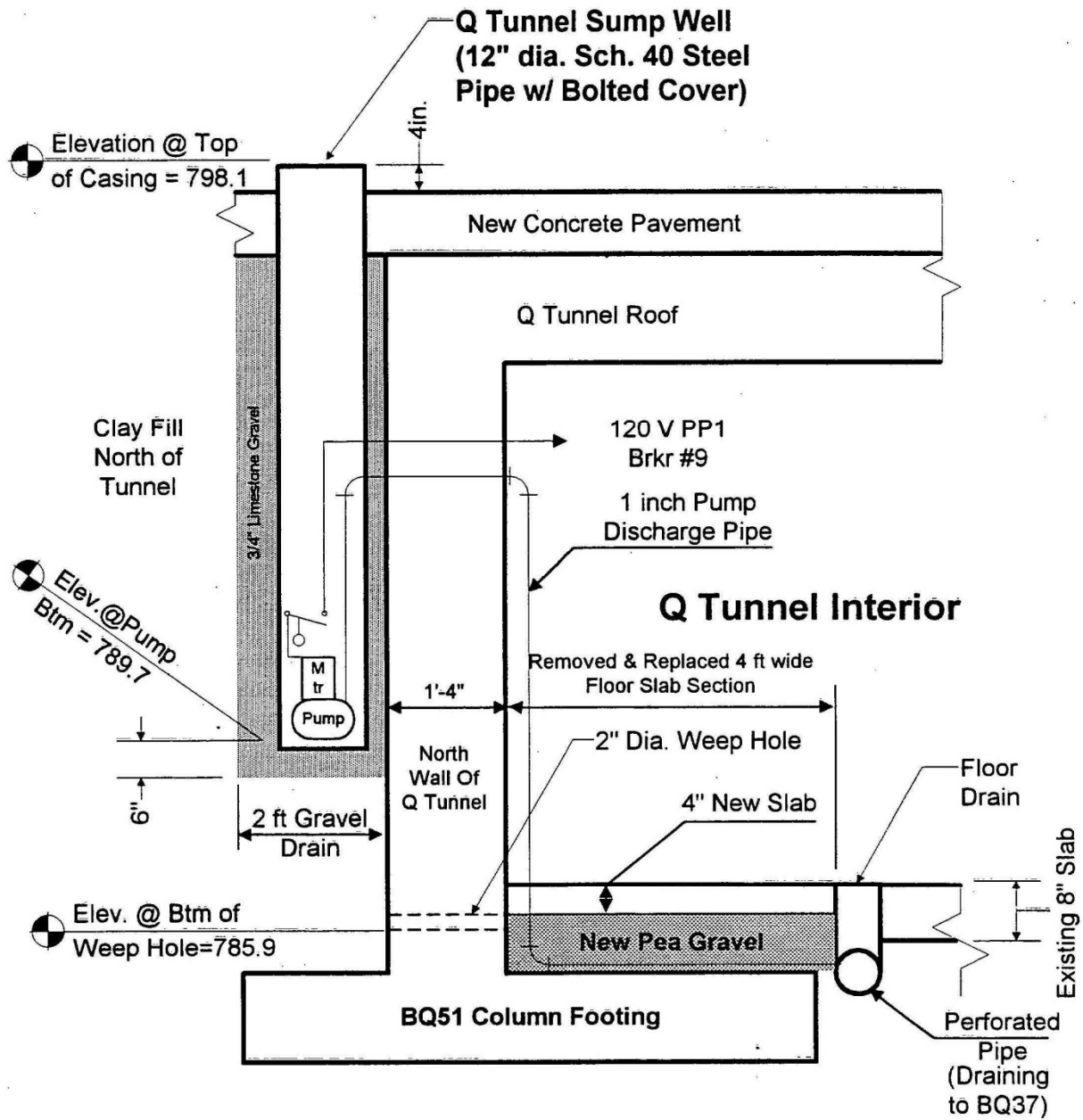


Figure QSWE--Q Tunnel Sump Well Elevation Detail

(Facing East, Not Drawn to Scale)

Figure 5.41 Site Plan

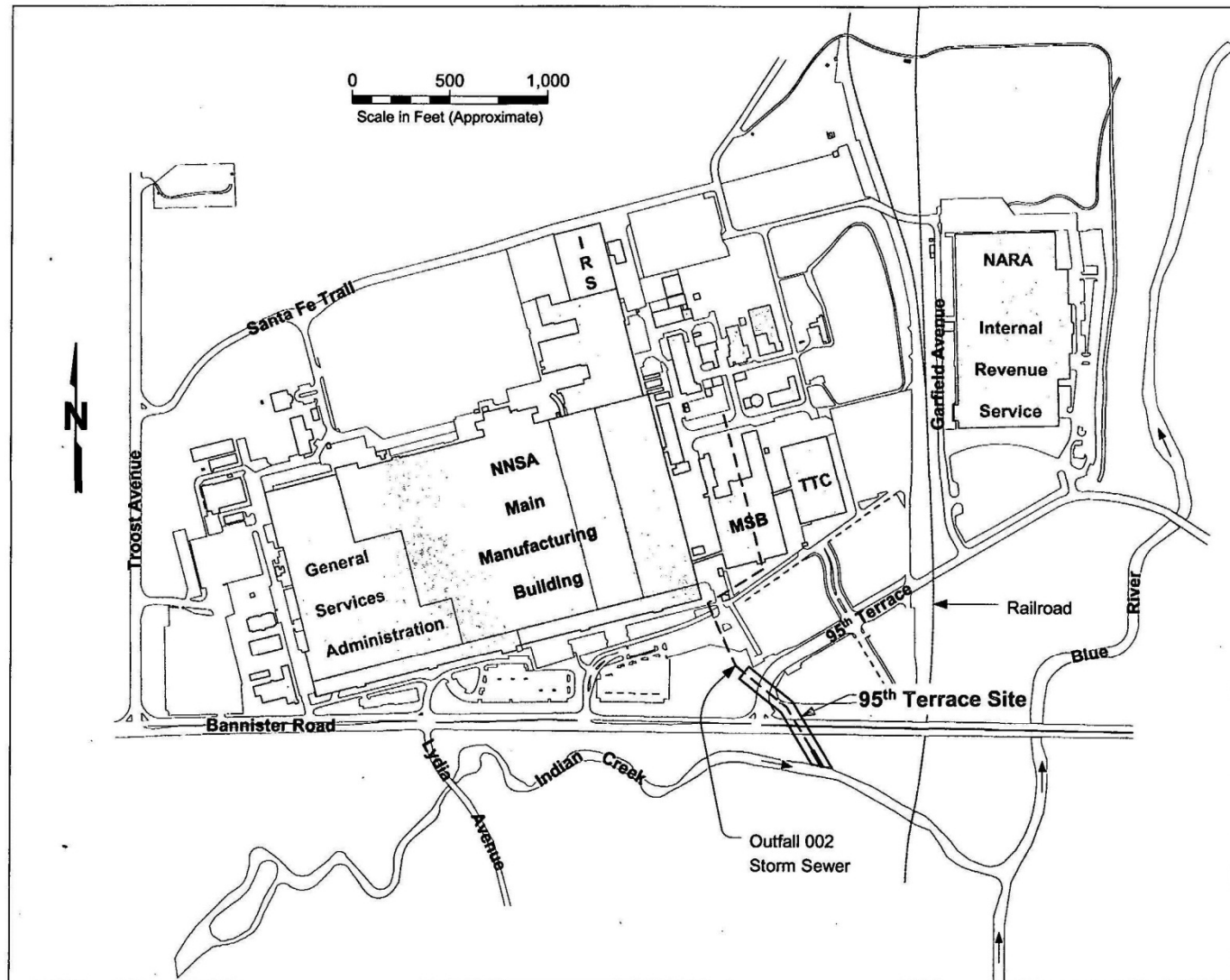
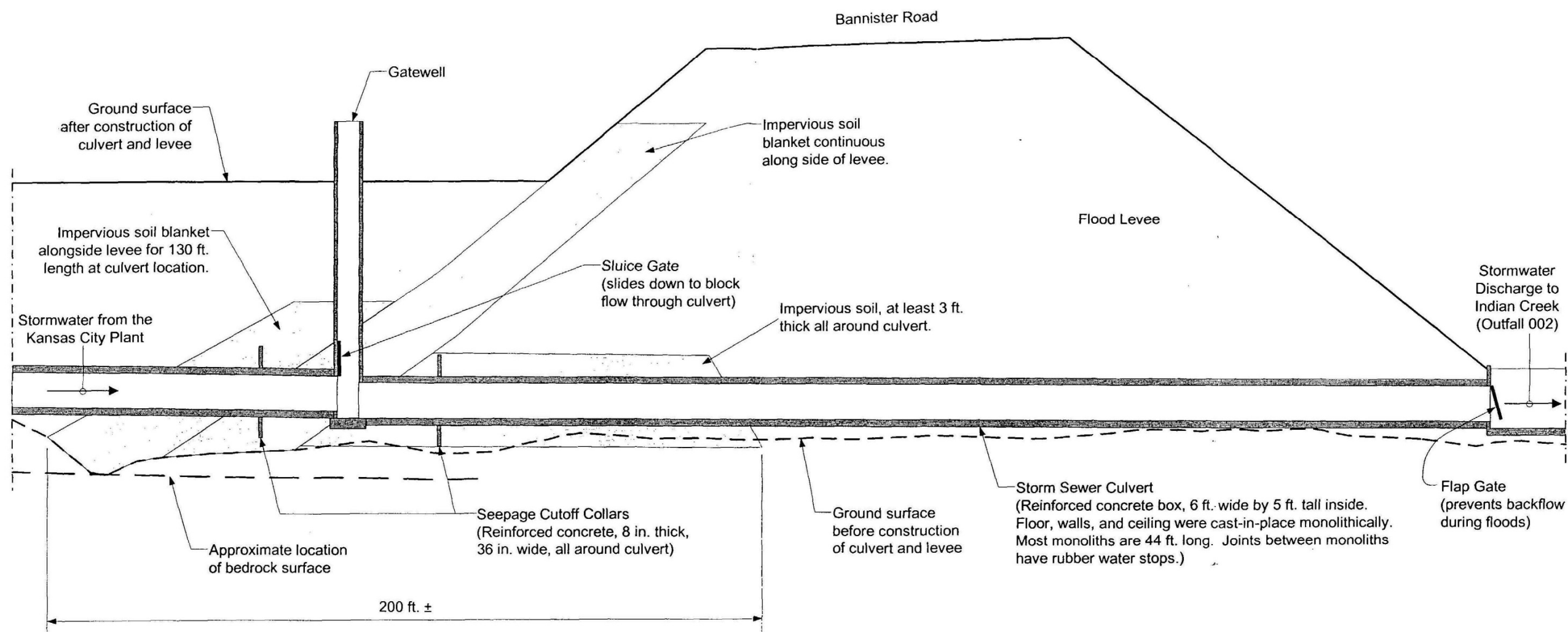


Figure 5.42 Section Through Levee



Based on Missouri Highway Department construction drawings and KCP soil boring logs.

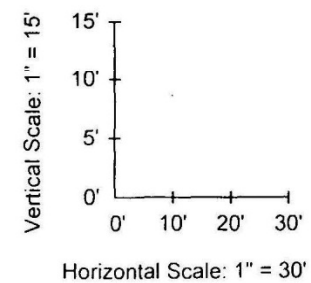


Figure 3.11. Section Through Levee.

Figure 5.43 Box culvert soil sampling locations

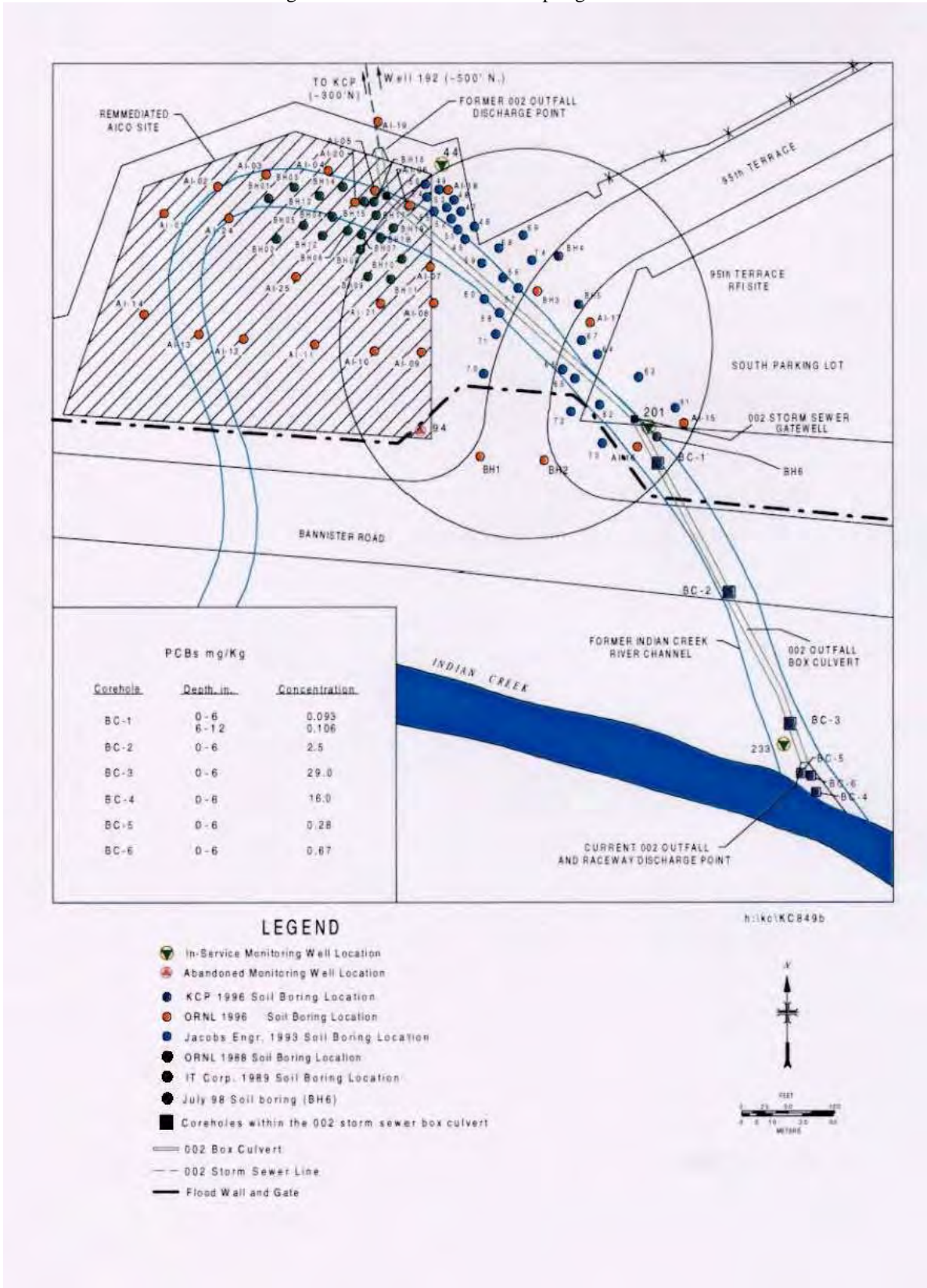


Figure 5.44 Well 192L particle size and velocity versus time

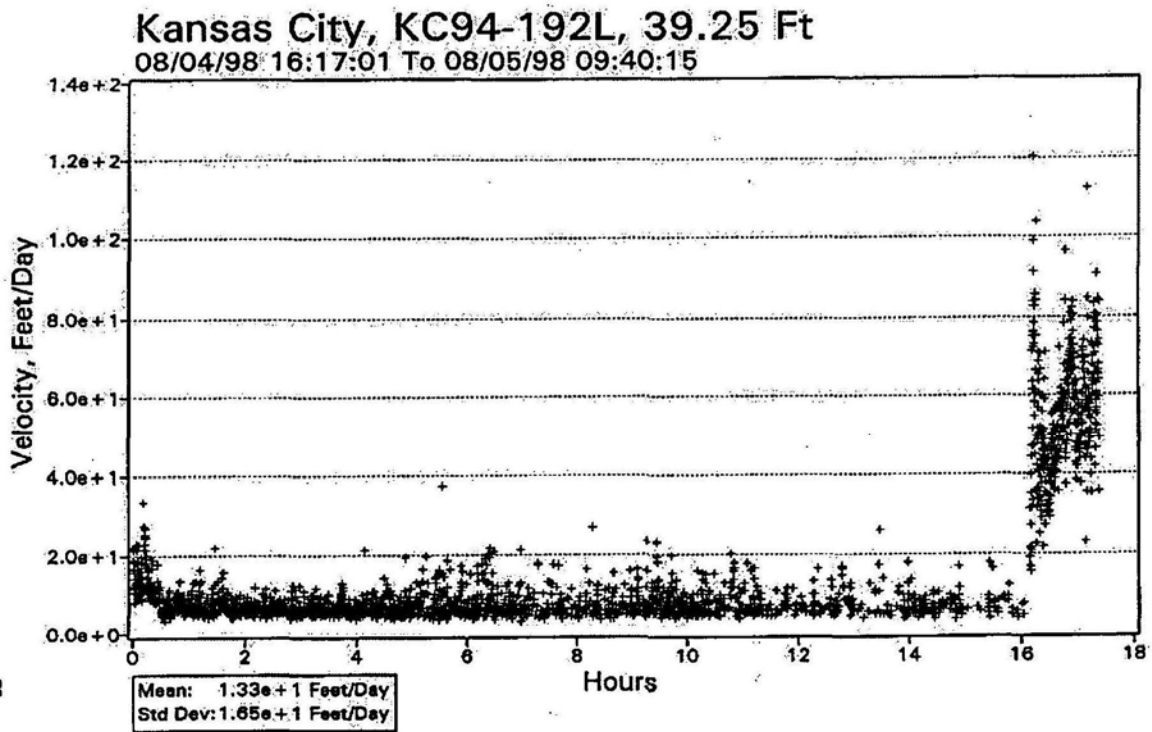
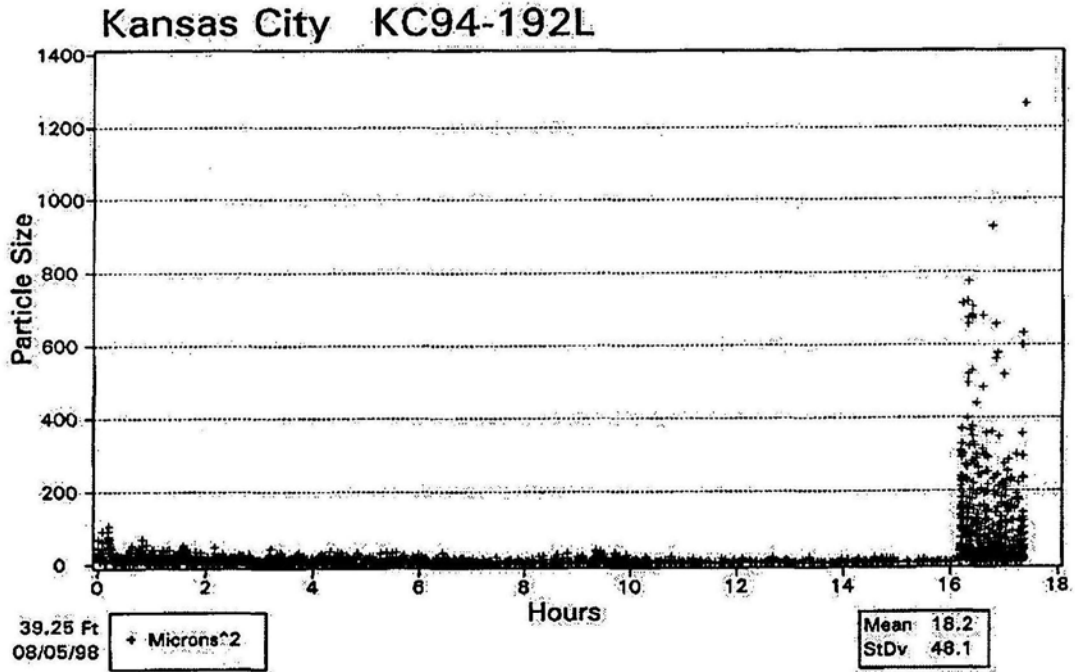


Figure 5.45 Horizontal extent of PCB soil contamination

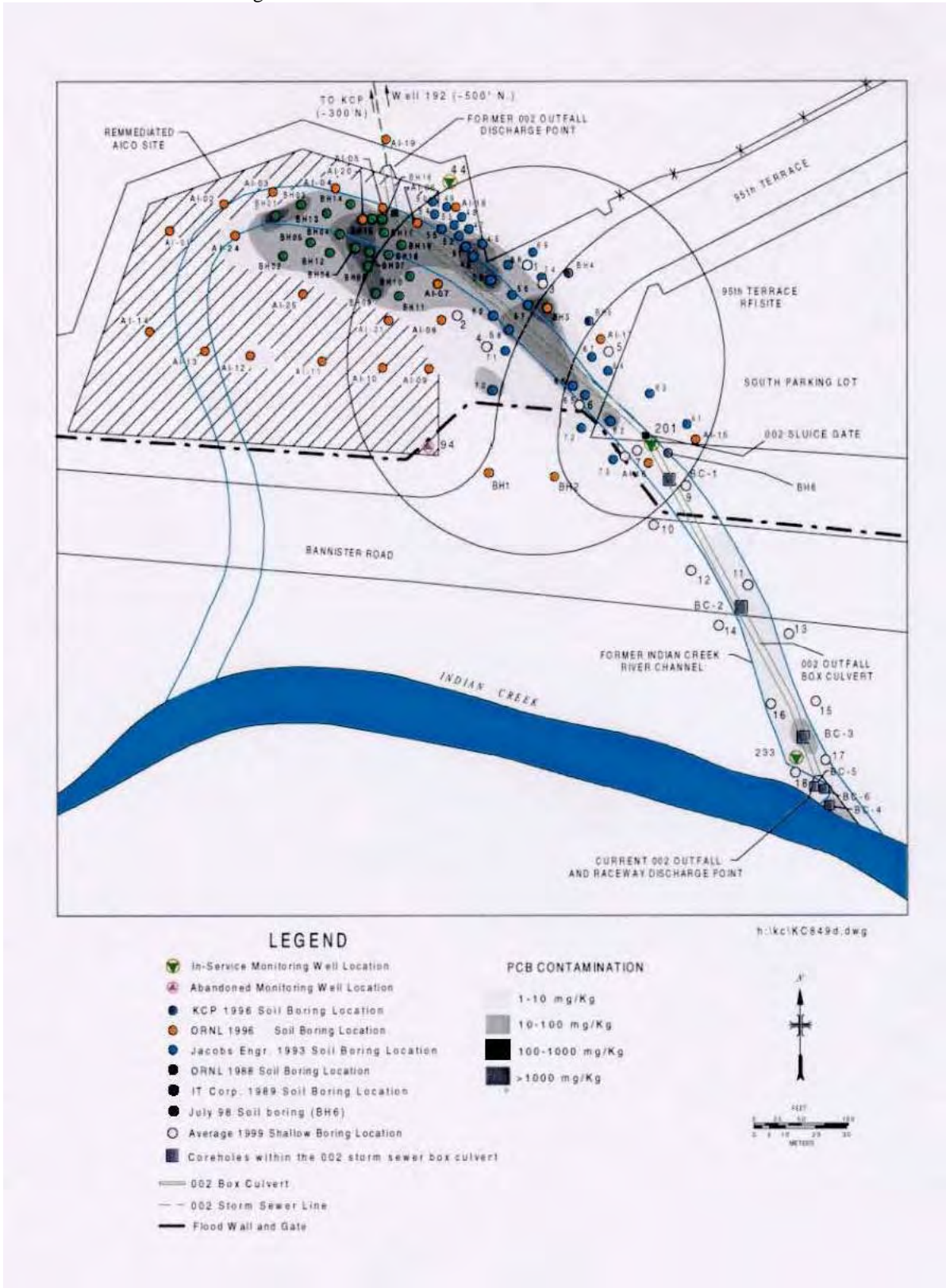


Figure 5.46 Blue River and Indian Creek surface water and sediment sampling locations.

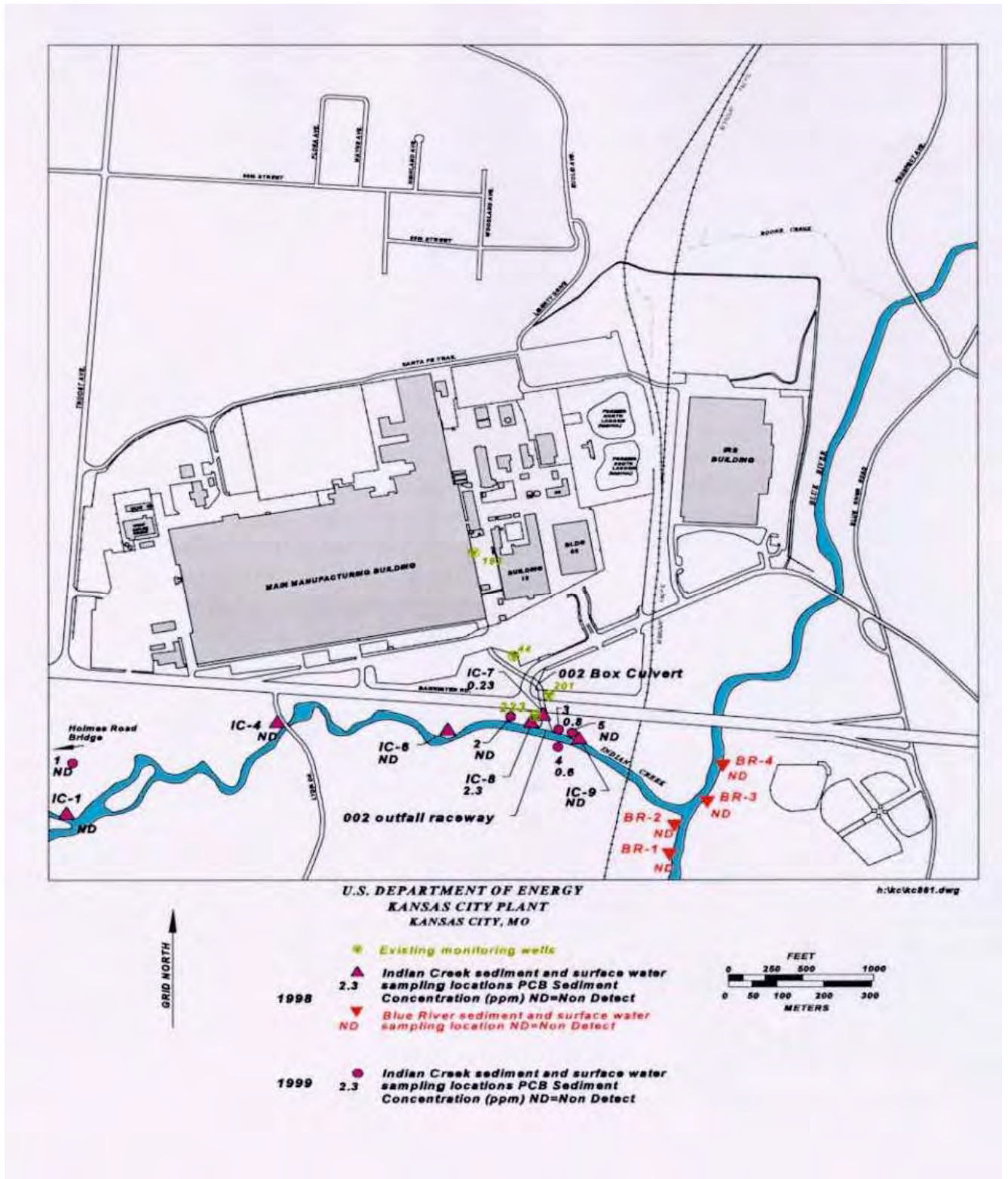


Figure 5.47

Outfall 002 Raceway with access restriction installed looking towards flap gate.



Figure 5.48 Controls implemented as part of Indian Creek Sediments remedy

NOTICE!

Do not drink water, wade, swim
or eat fish from this area.

Storm Sewer Outfall

For more information about this notice, please contact the
Missouri Department of Natural Resources
(816) 759-7313, or the
U.S. Department of Energy Kansas City Plant
(816) 997-3181


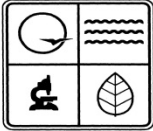
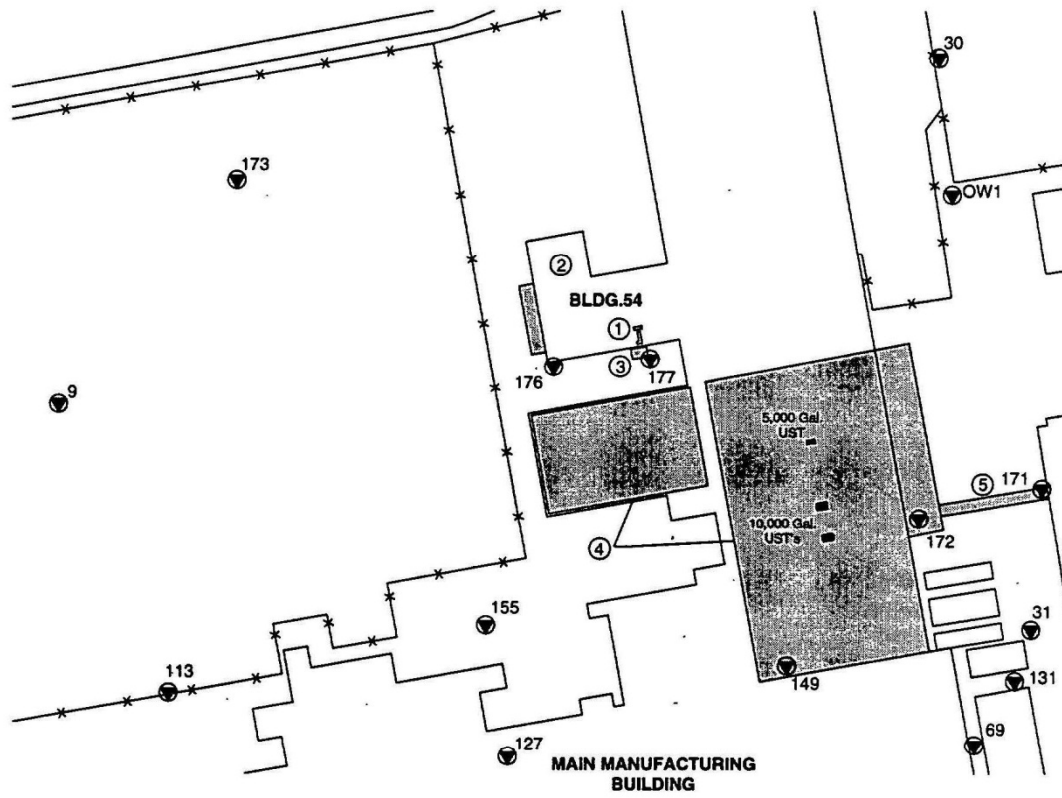
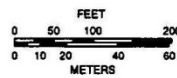


Figure 5.50 Monitoring Wells Adjacent to the MVRSS Site



EXPLANATION

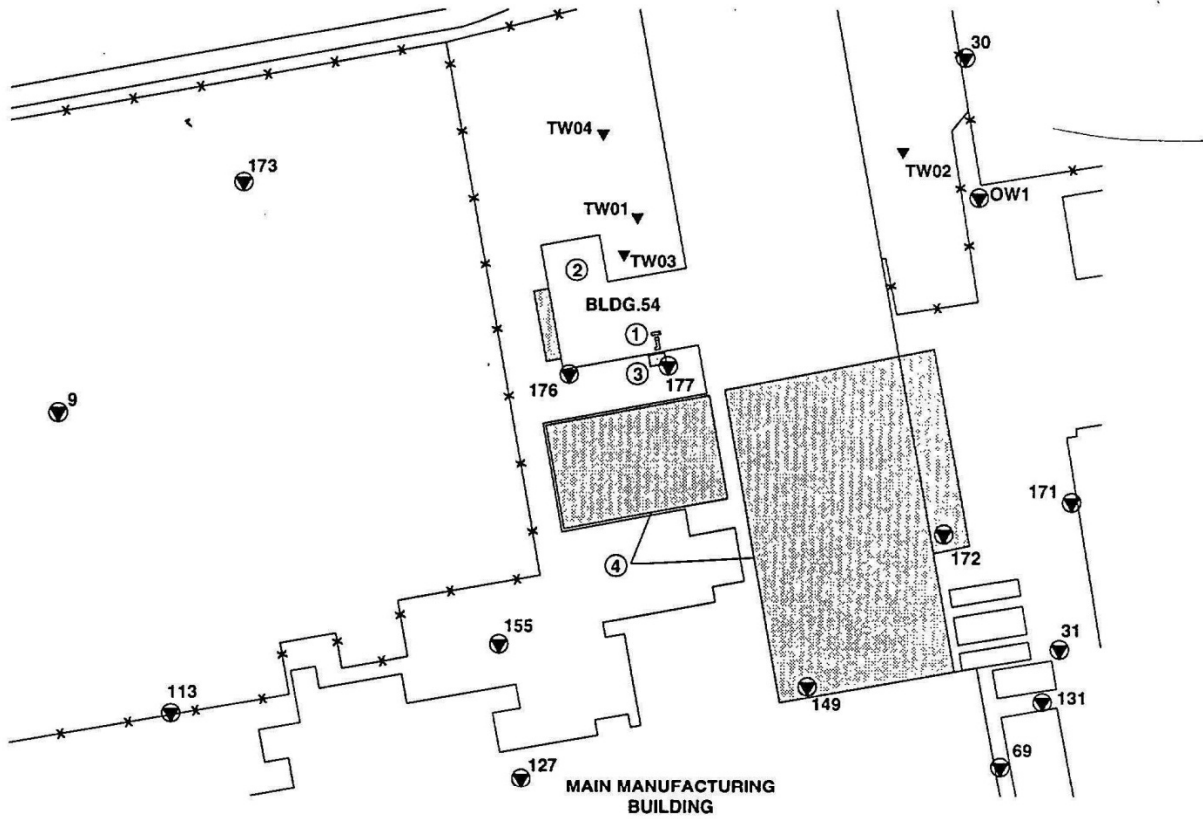
- In-Service Monitoring Well Location
- ① MVRSS pits
- ② Building 54 area
- ③ Reported underground tank
- ④ Test cell areas
- ⑤ Abandoned Fuel Lines



GRID NORTH

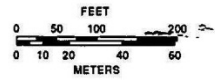
KC828
REV 12/20/94

Figure 5.51 Monitoring Wells Adjacent to the MVRSS Study Site and Installed During Fieldwork



EXPLANATION

- In-Service Monitoring Well Location
- ▼ Temporary Well Location
- ① MVRSS pits
- ② Building 54 area
- ③ Reported underground tank
- ④ Test cell areas



GRID NORTH

KC828
REV 12/20/94

Figure 5.52 Soil Borings and Wells Installed During the MVRSS RFI

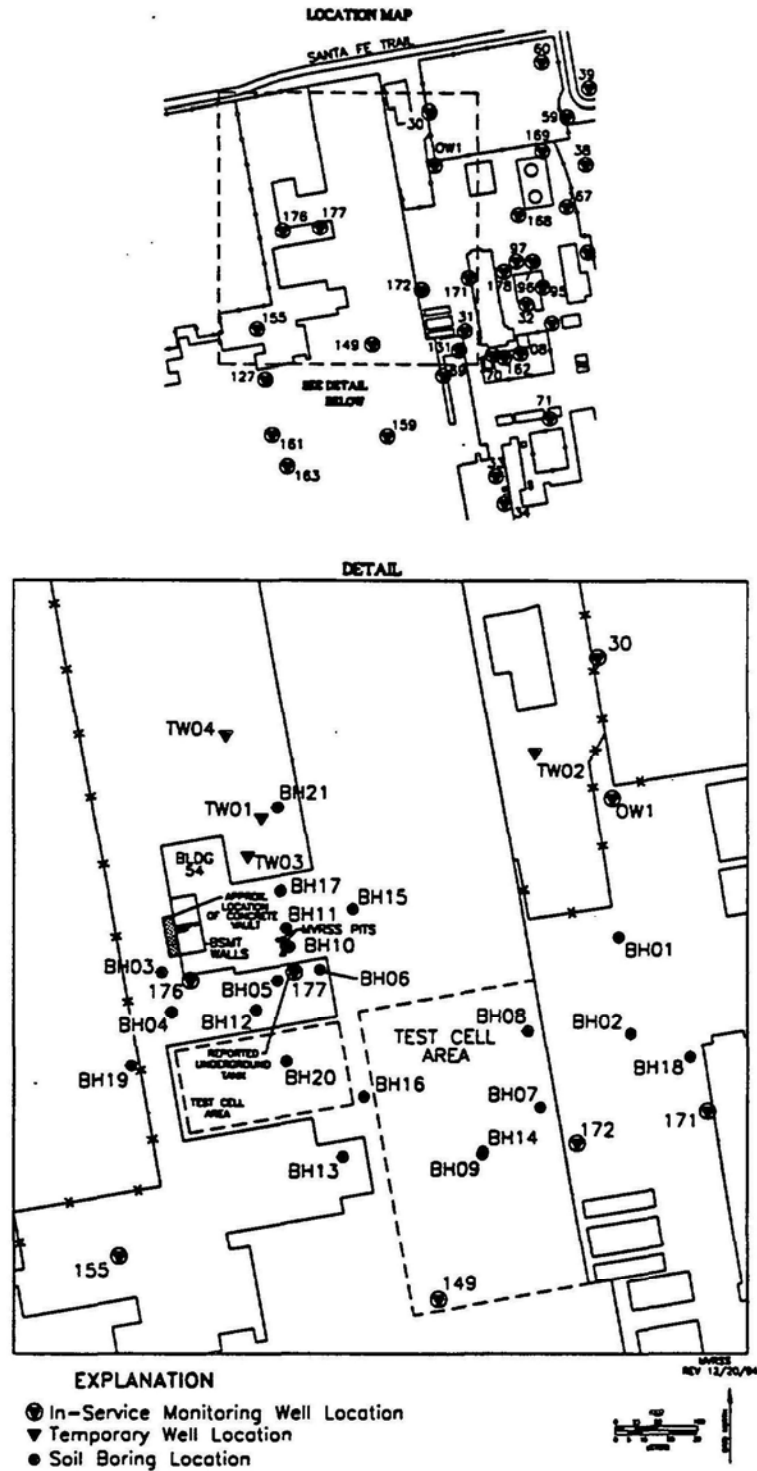
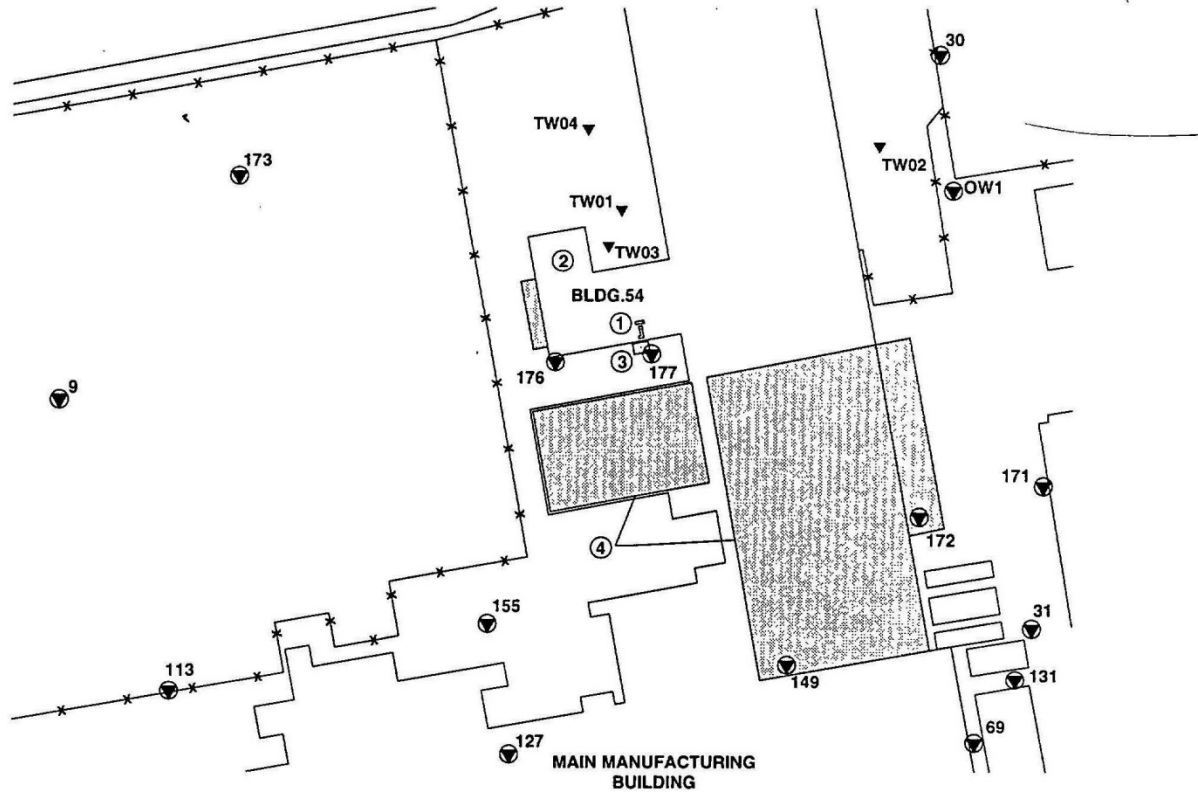
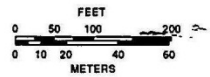


Figure 5.53 Monitoring Wells Adjacent to the MVRSS Site and Installed During Fieldwork



EXPLANATION

- In-Service Monitoring Well Location
- ▼ Temporary Well Location
- ① MVRSS pits
- ② Building 54 area
- ③ Reported underground tank
- ④ Test cell areas



GRID NORTH

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Figure 5.54 Previous Sampling Locations in the Vicinity of Building 54, the Reported Tank, and the Test Cells

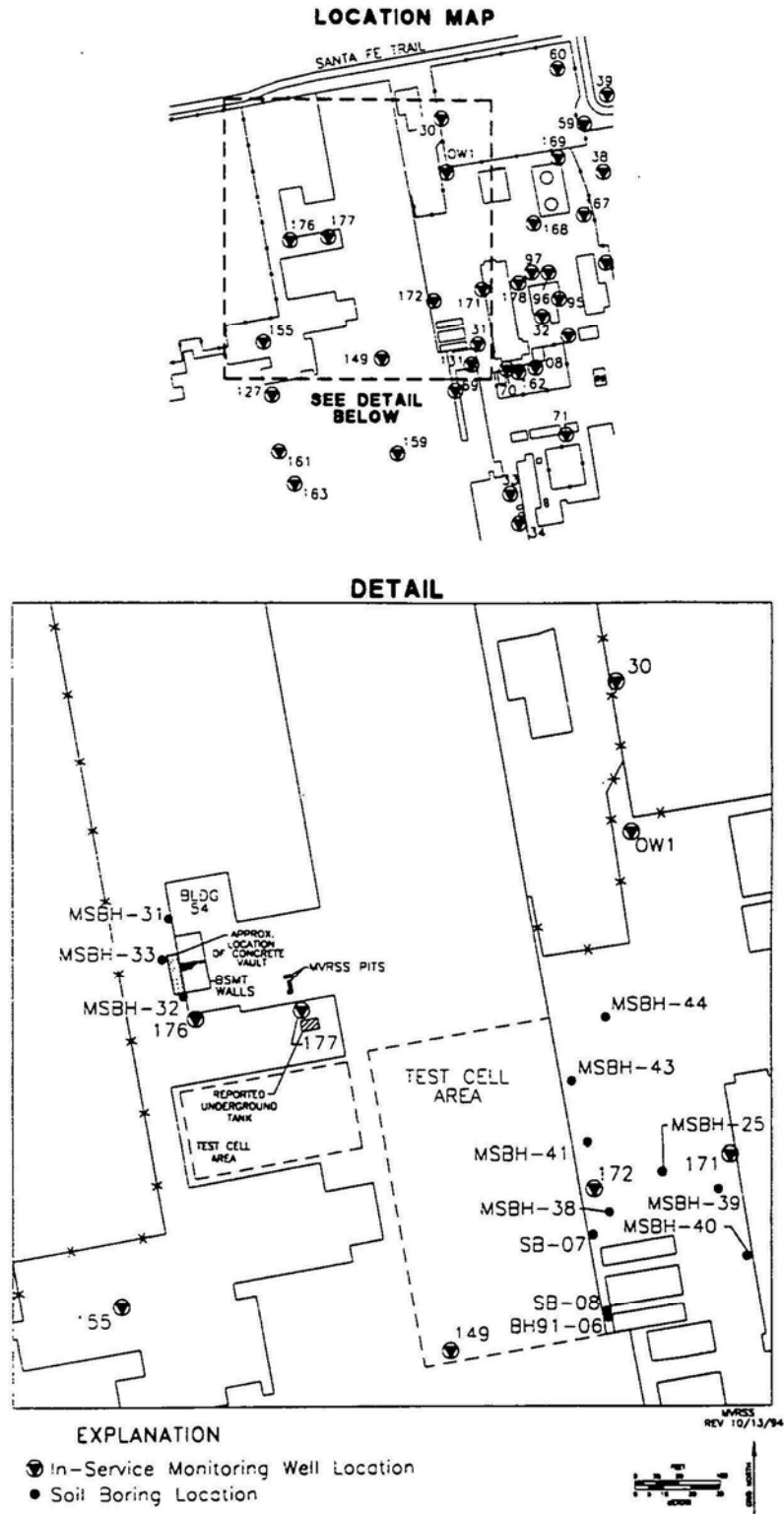


Figure 5.55 Department 27 Area

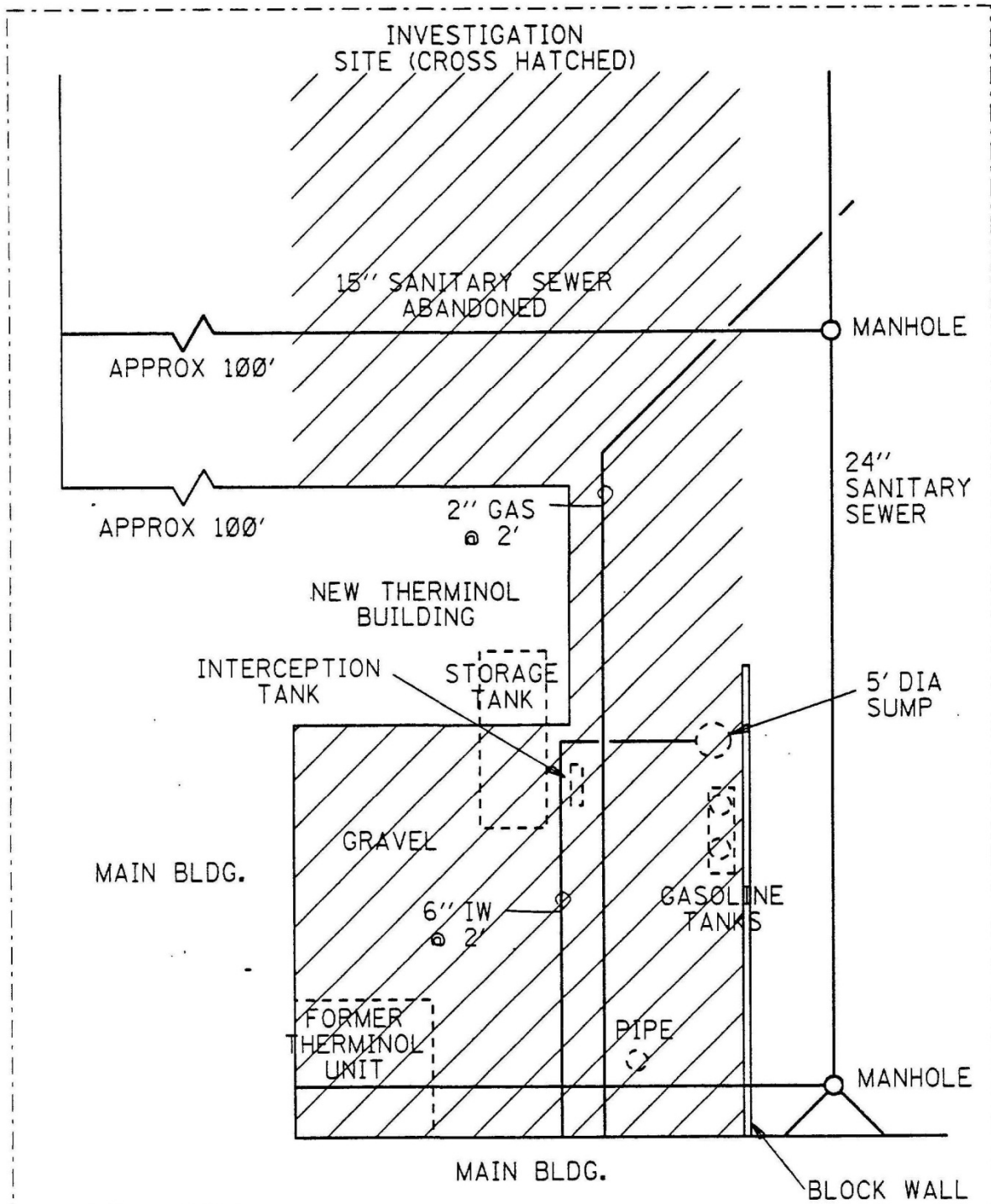


Figure 5.56 D-27 (Outside) Phase II Sample Locations

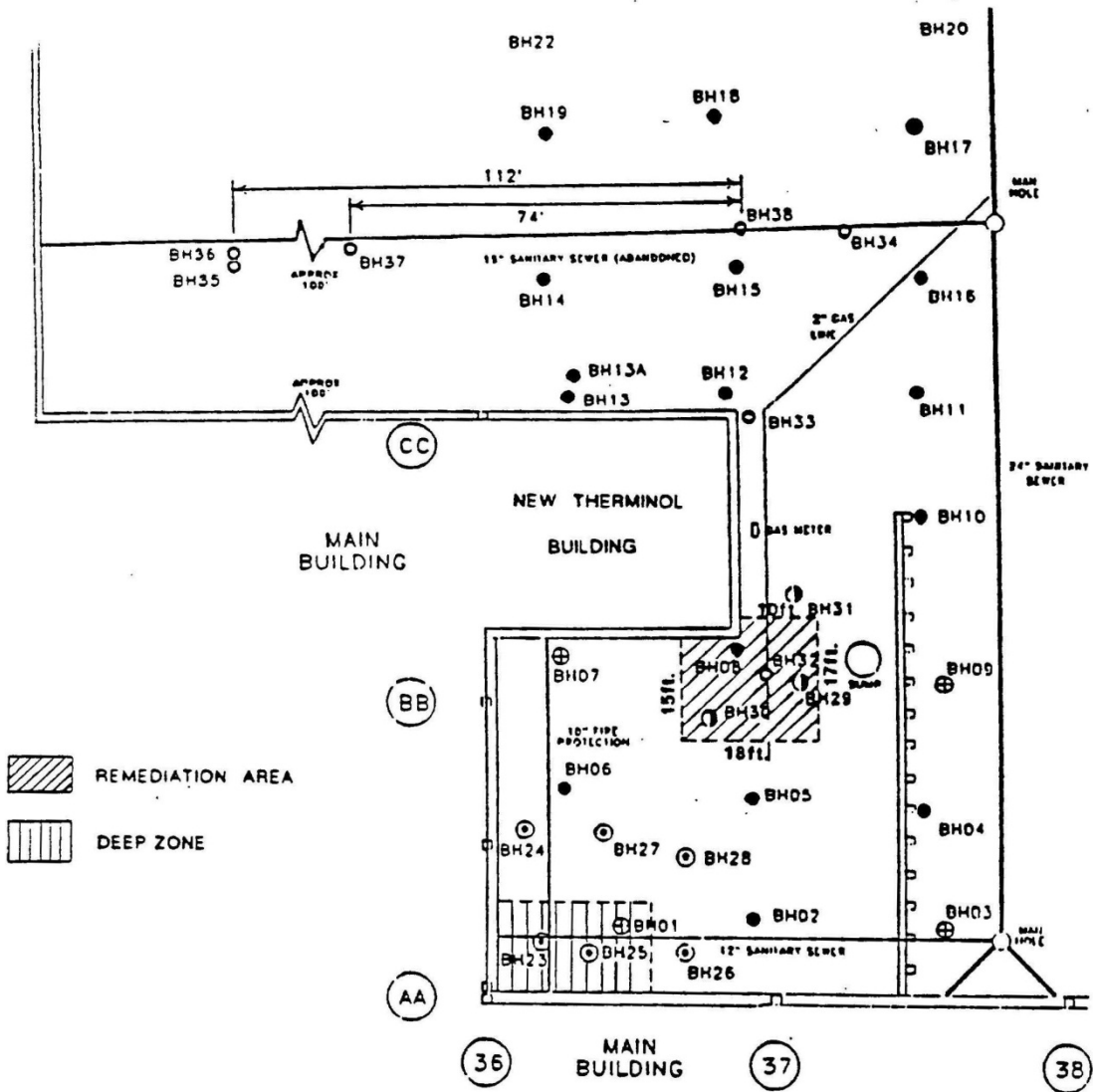
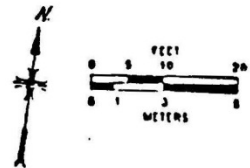


FIGURE 6 D-27 (OUTSIDE) PHASE II SAMPLE LOCATIONS

- ⊕ BORING TO BEDROCK (PHASE I)
- BORING TO WATER TABLE (PHASE I)
- ⊙ BORING TO BEDROCK (PHASE II)
- ⊖ BORING TO WATER TABLE (PHASE II)
- ⊙ SAMPLES ADJACENT TO SUBSURFACE UTILITY LINE - FILL MATERIAL AND MATERIAL BENEATH FILL (PHASE II)



KC745

Figure 5.57 Phase I Sampling Sites at D-27

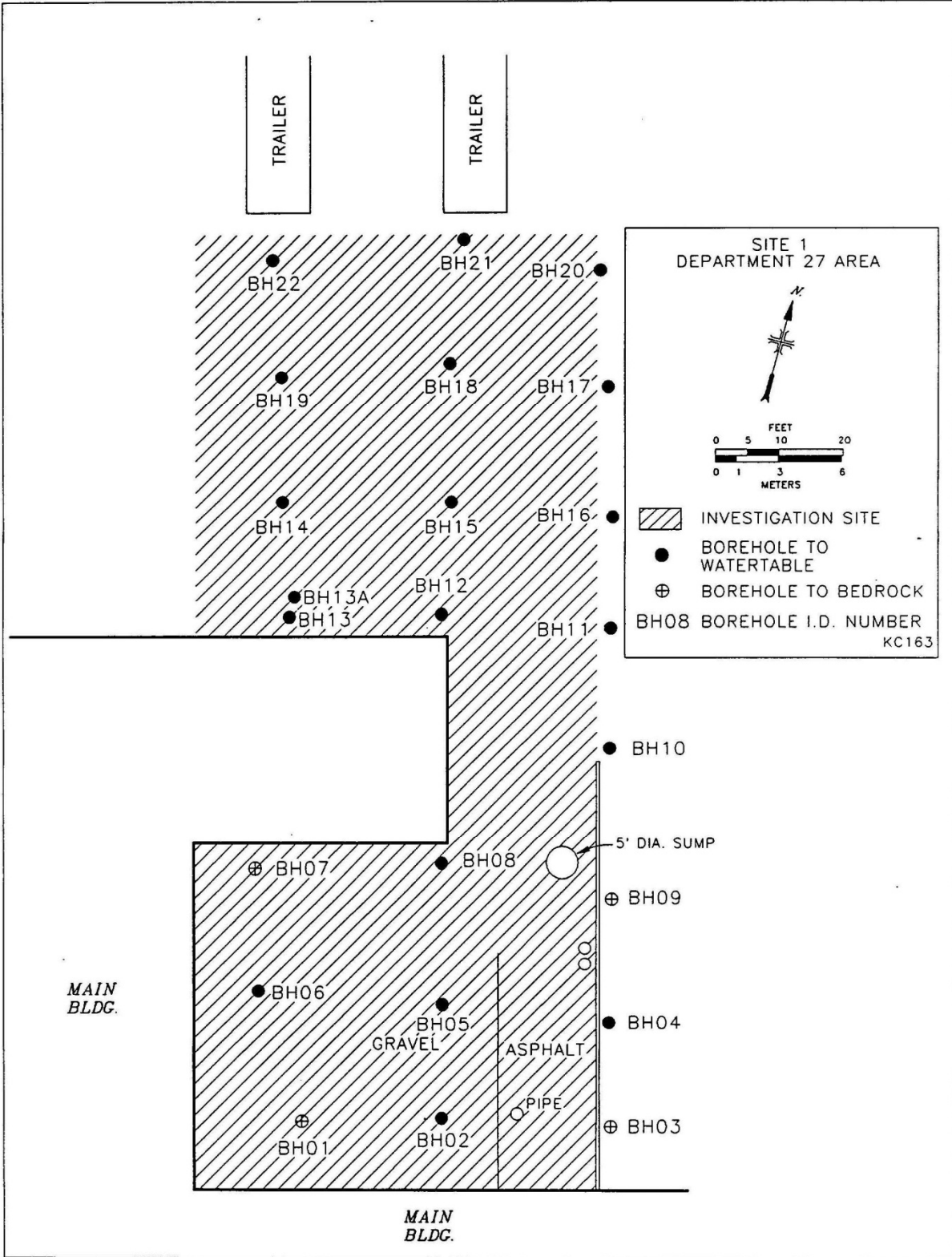
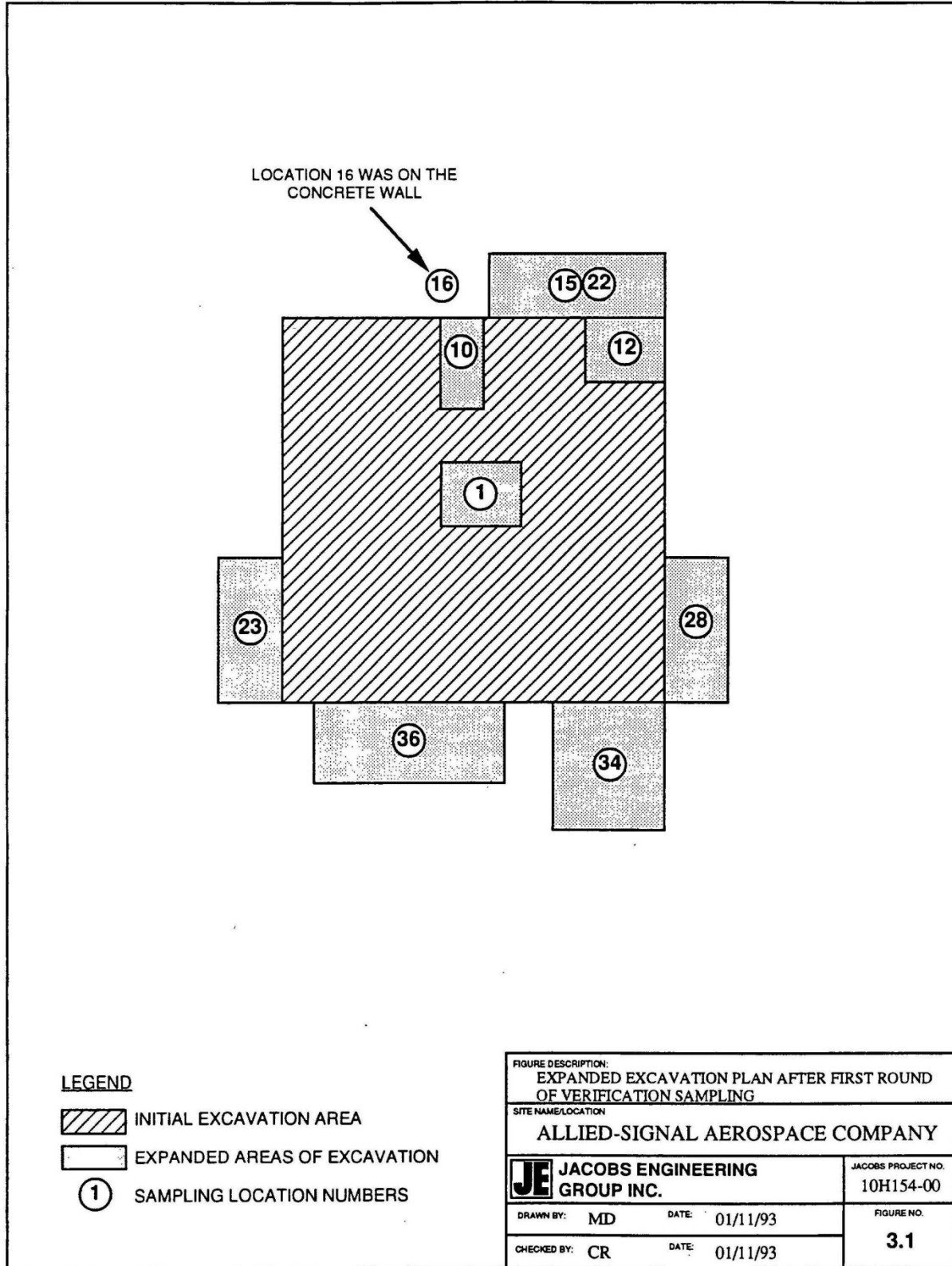
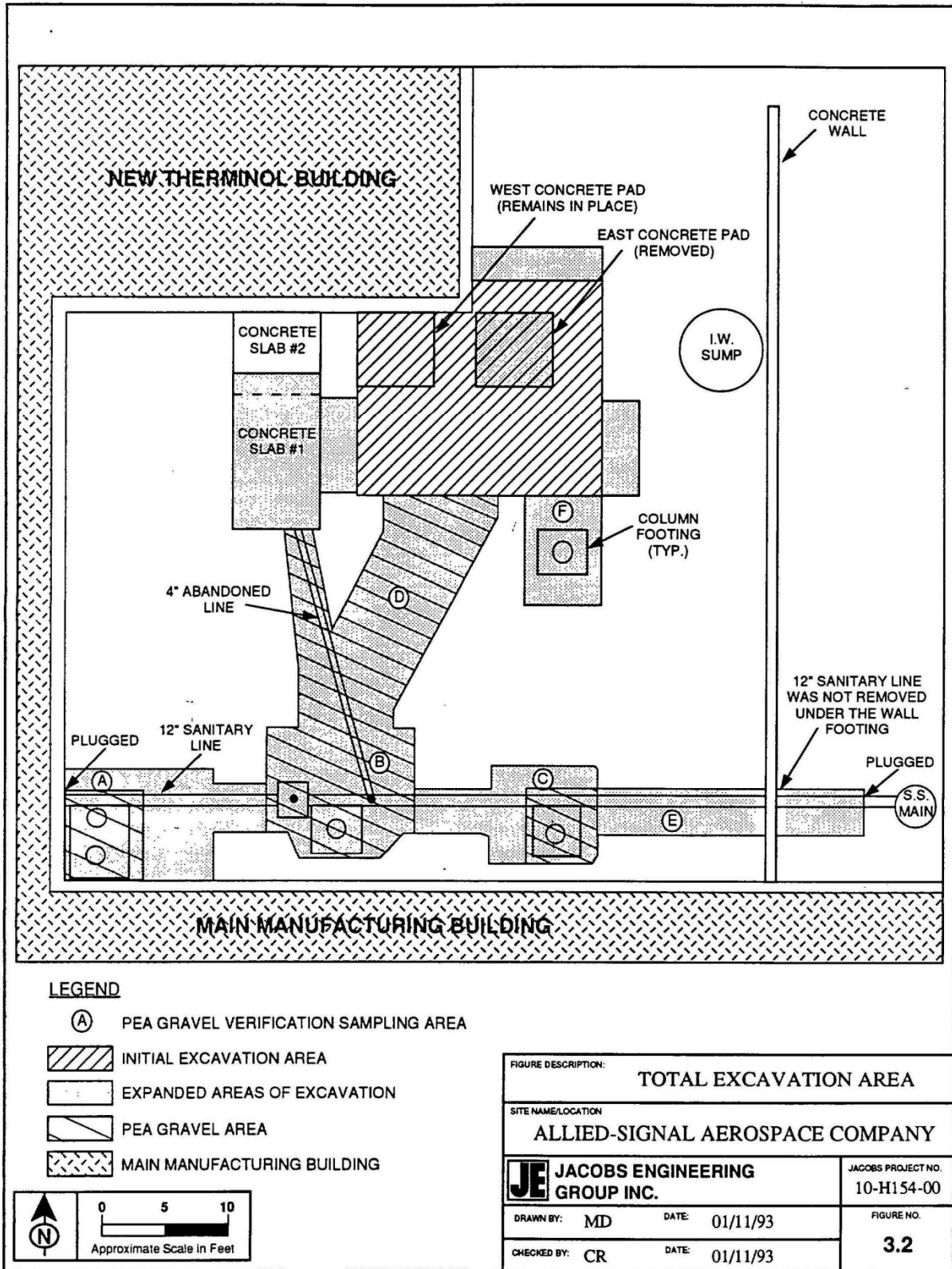


Figure 5.58 Expanded Excavation Plan After First Round of Verification Sampling



H154-00-001

Figure 5.59 Total Excavation Area



H154-00-002

Figure 5.60 12" Sanitary Line Removed and Plugged at MVB



Figure 5.61 Column Footing and 4" Abandoned Line (Area B)



Figure 5.62 Bottom of Area A with MVB Footing



Figure 5.63 Concrete Slab #1 Broken Down into Pieces

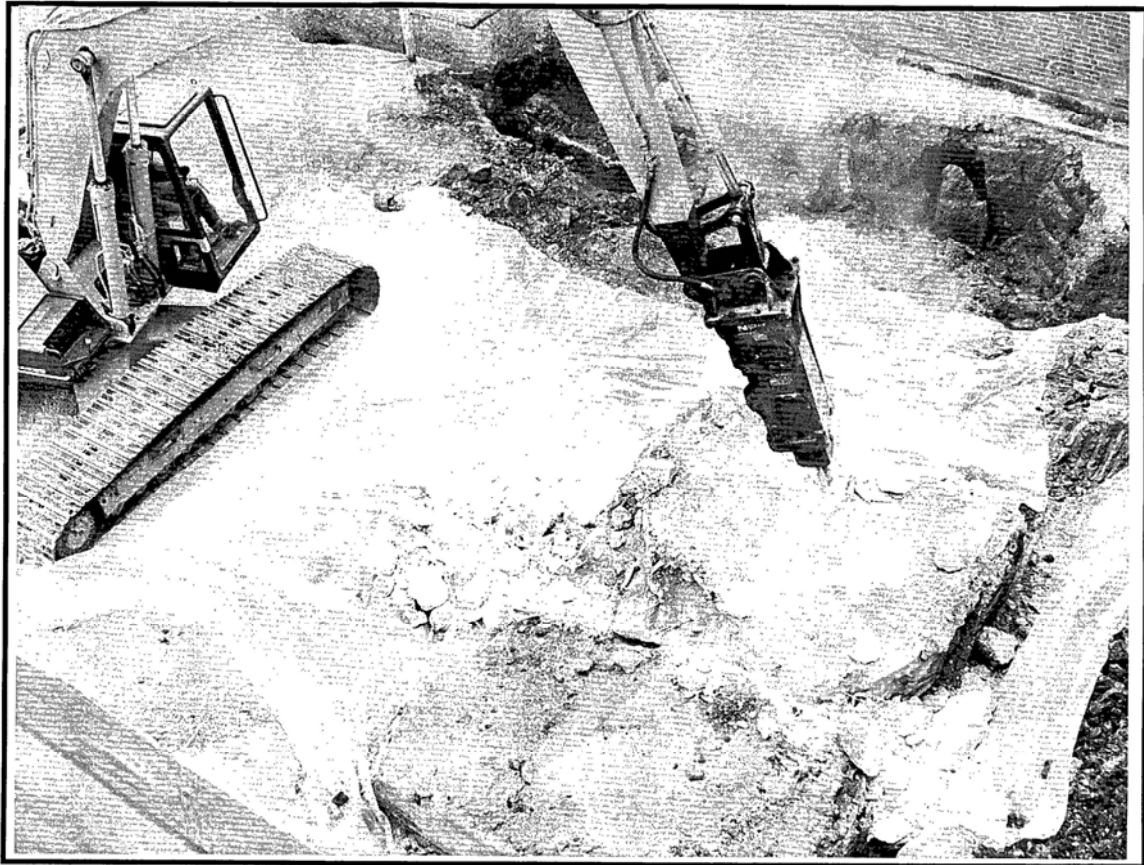


Figure 5.64 Location of D/27

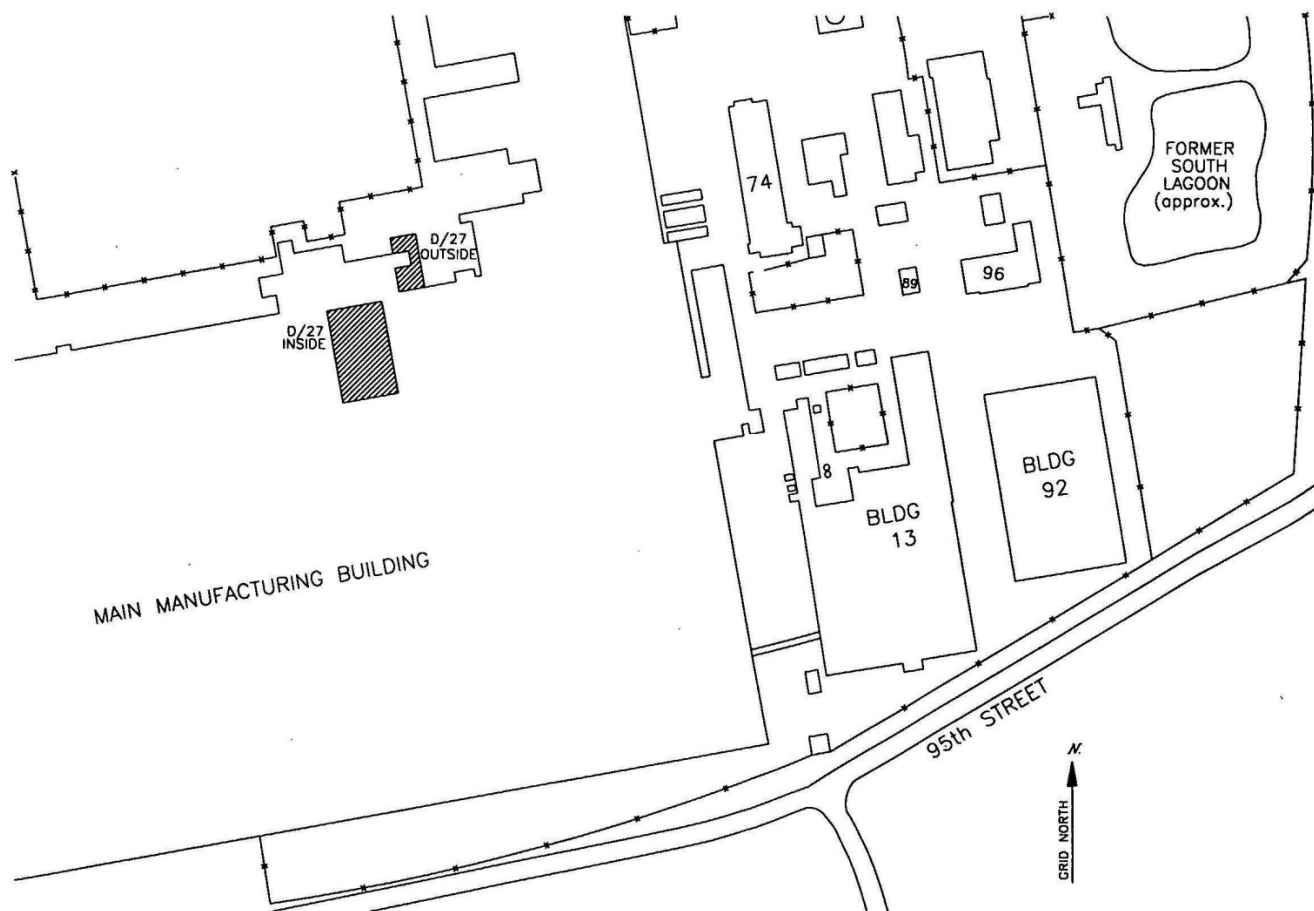
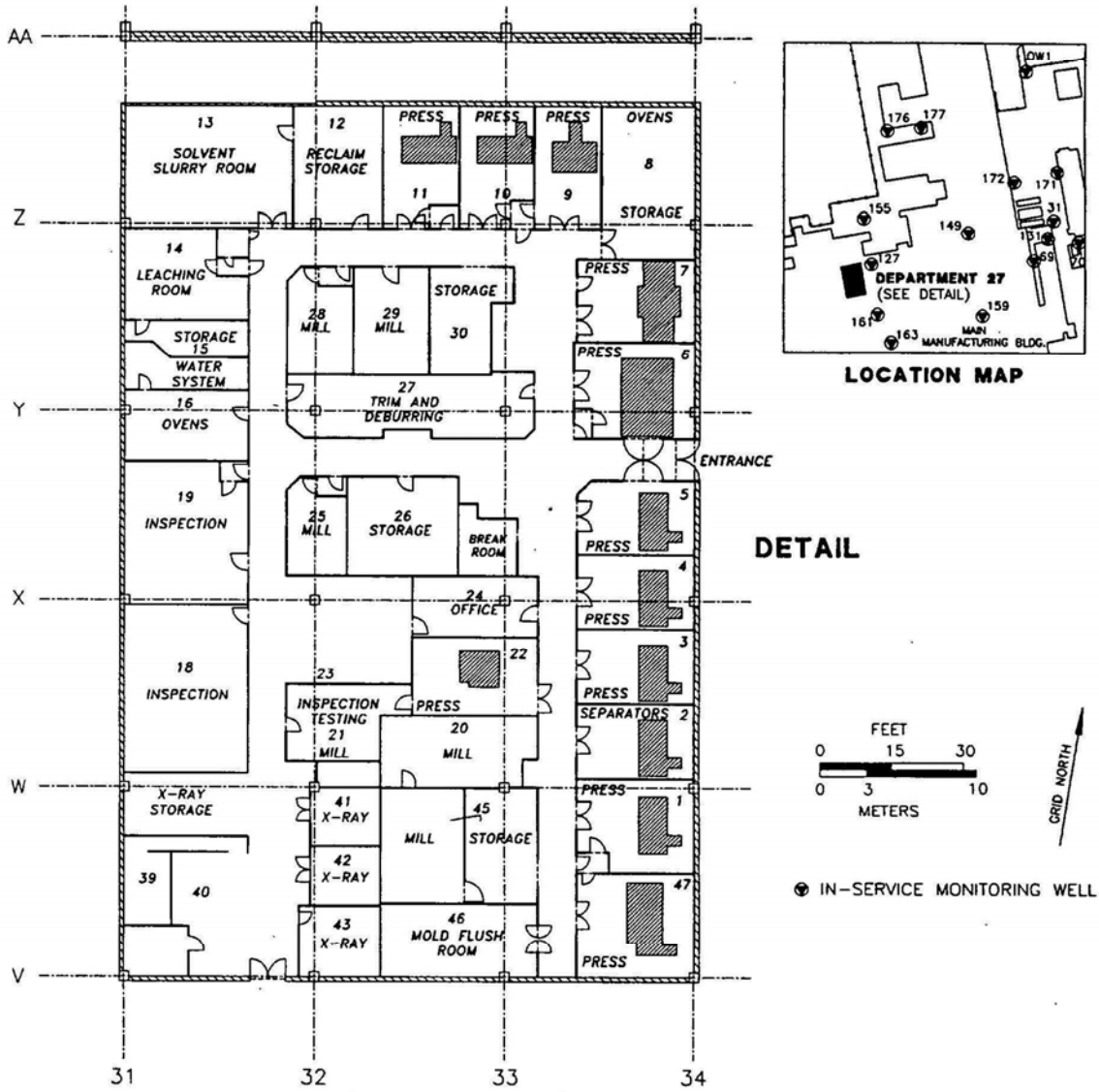


Figure 5.65 Detail of D/27



D27
REV 1/11/93

Figure 5.66 Sites Near D/27

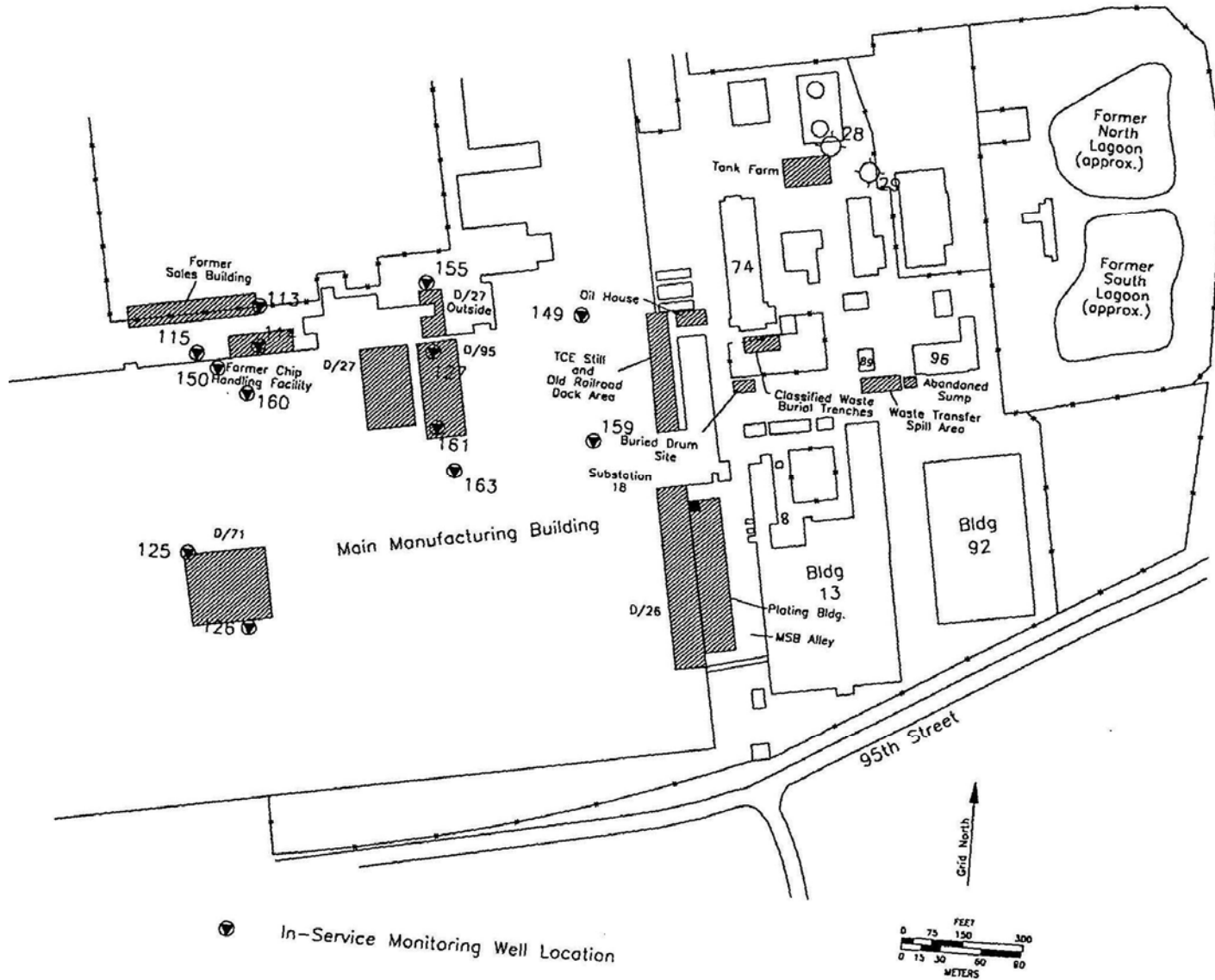


Figure 5.67 Horizontal Extent of PCB Contamination Reported in Soils at the D/27 (Inside) site

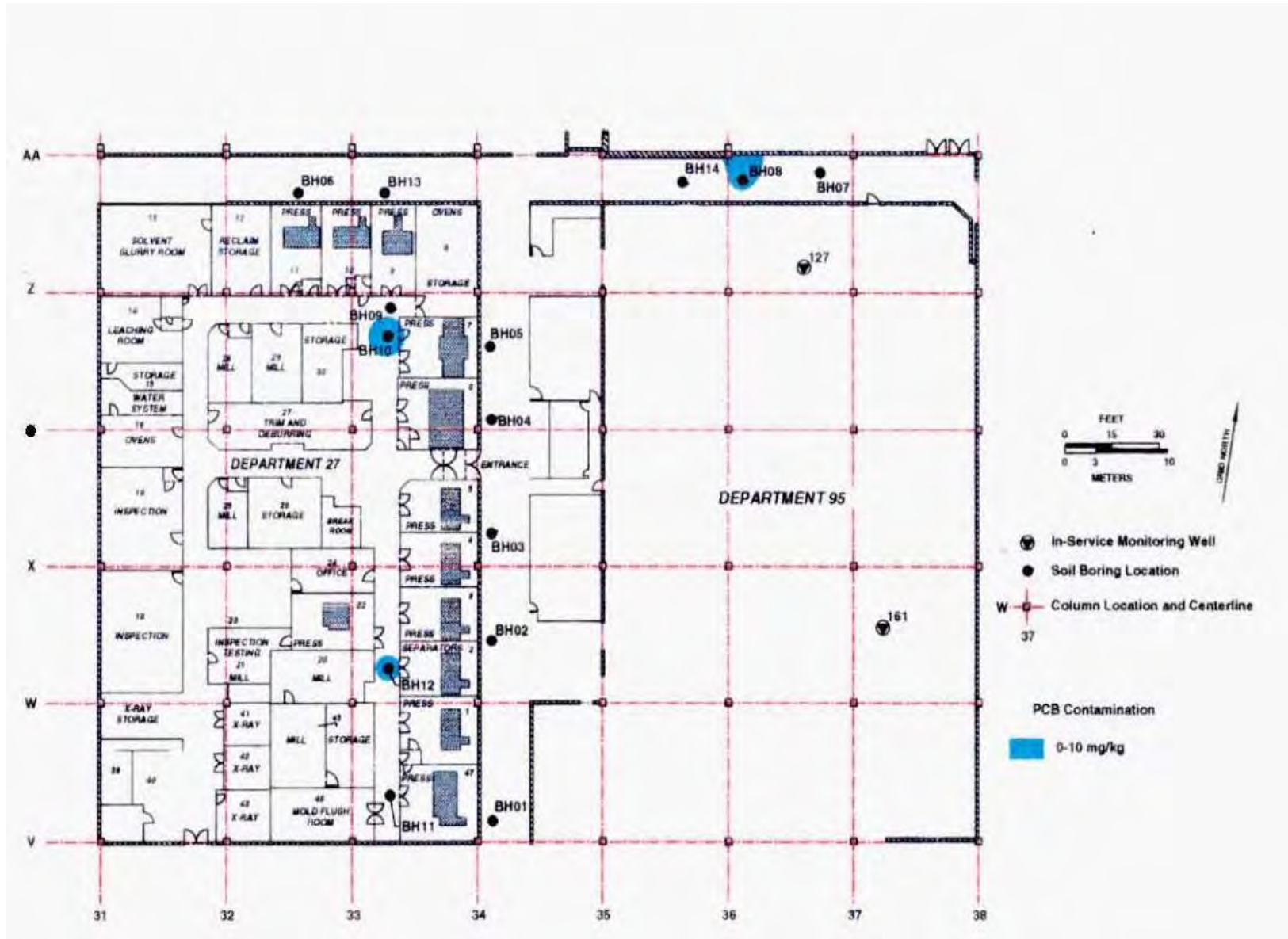


Figure 5.68 Horizontal Extent of VOC Contamination Reported in Soils at the D/27 (Inside) site

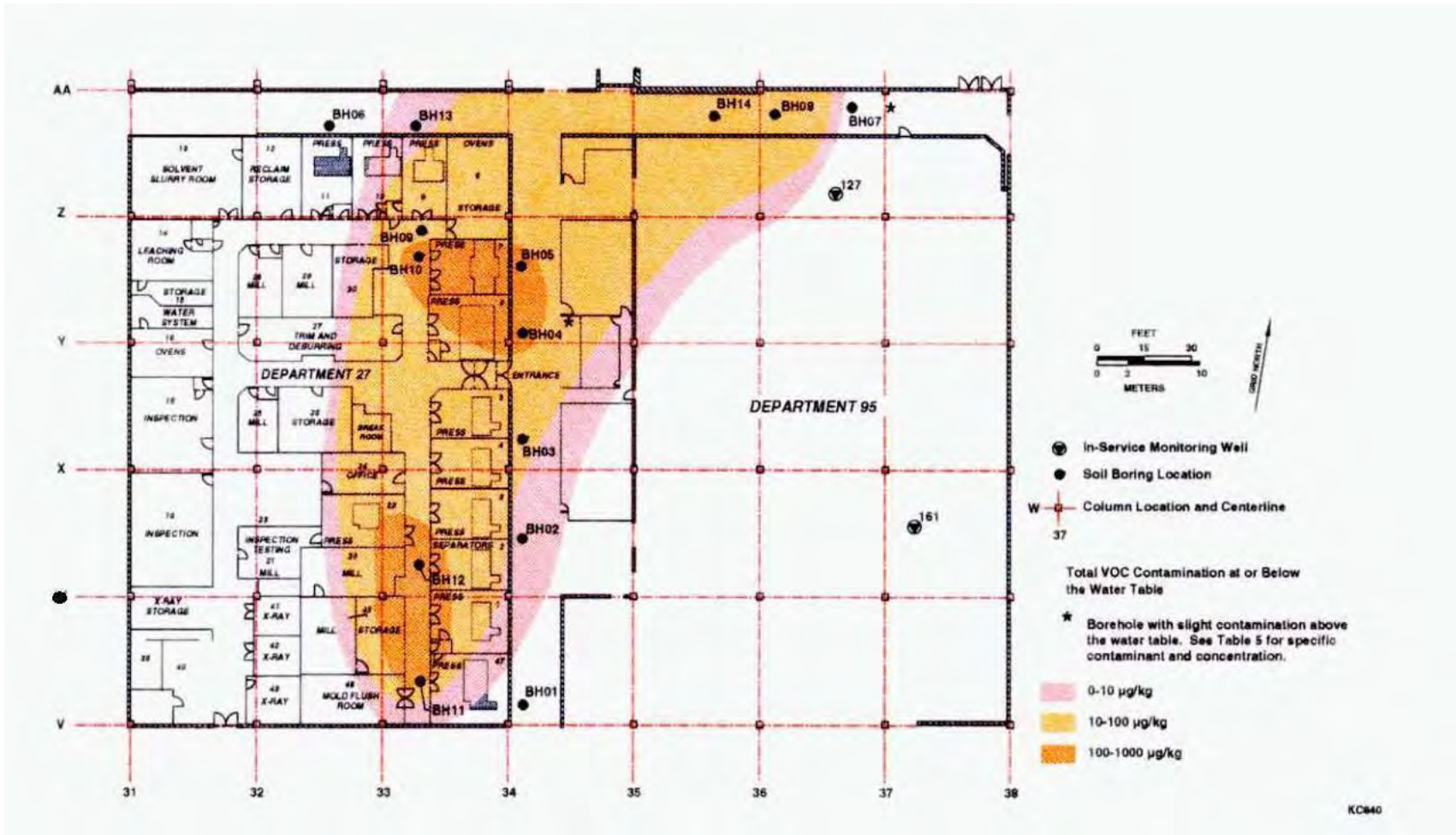
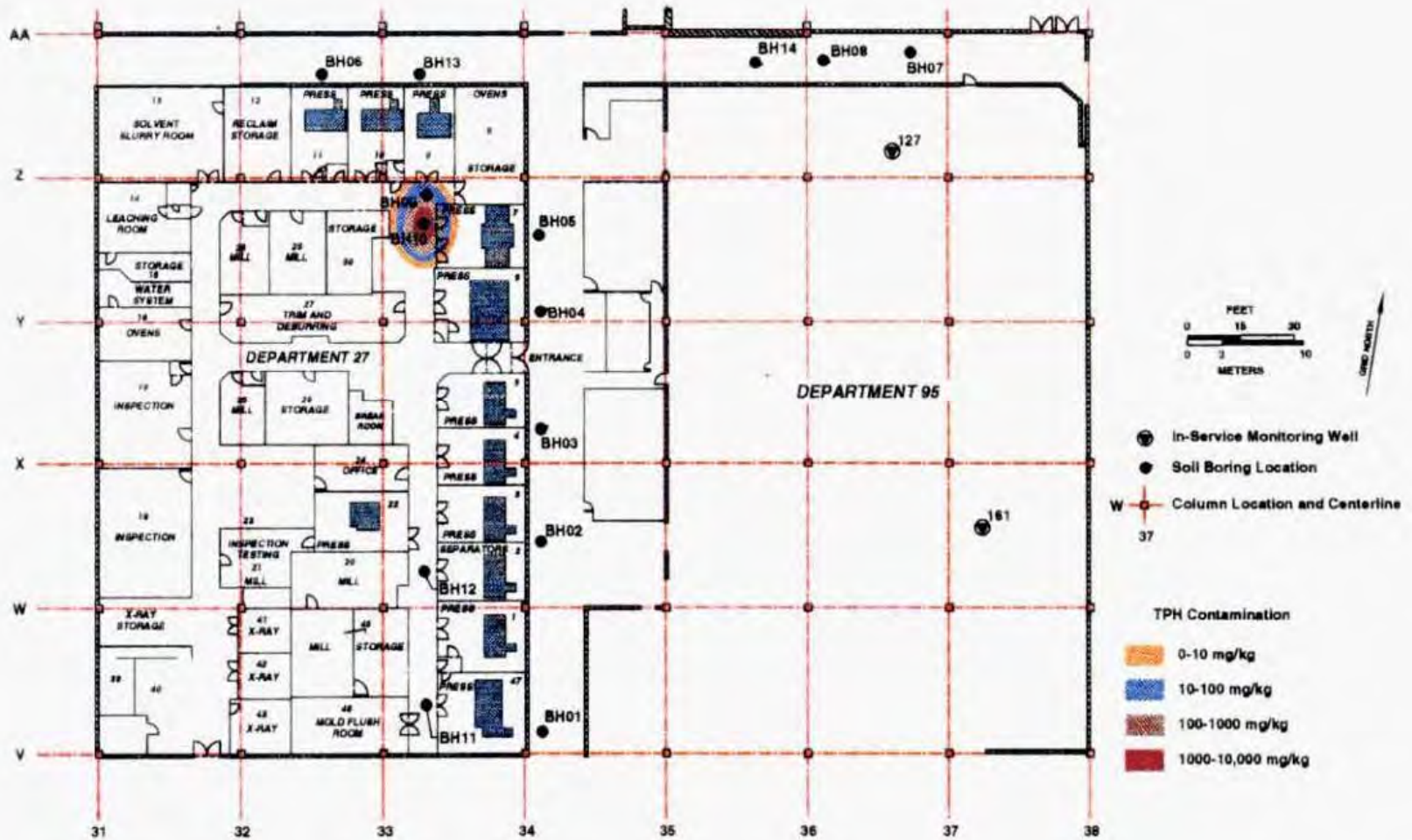


Figure 5.69 Horizontal Extent of TPH(h) Contamination Reported in Soils at the D/27 (Inside) site



KCB40

Figure 5.70 Interim Measures Report Location Map

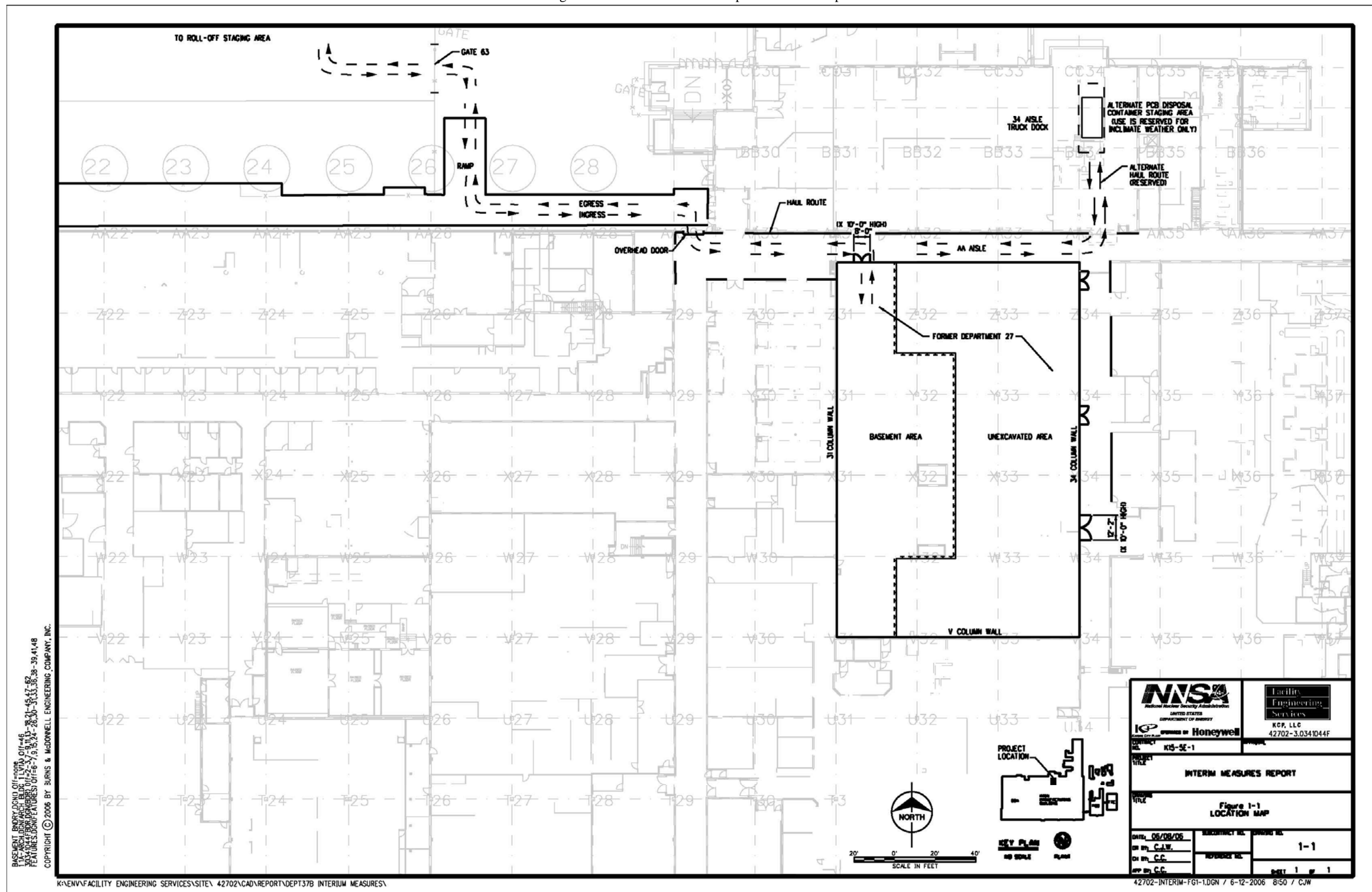
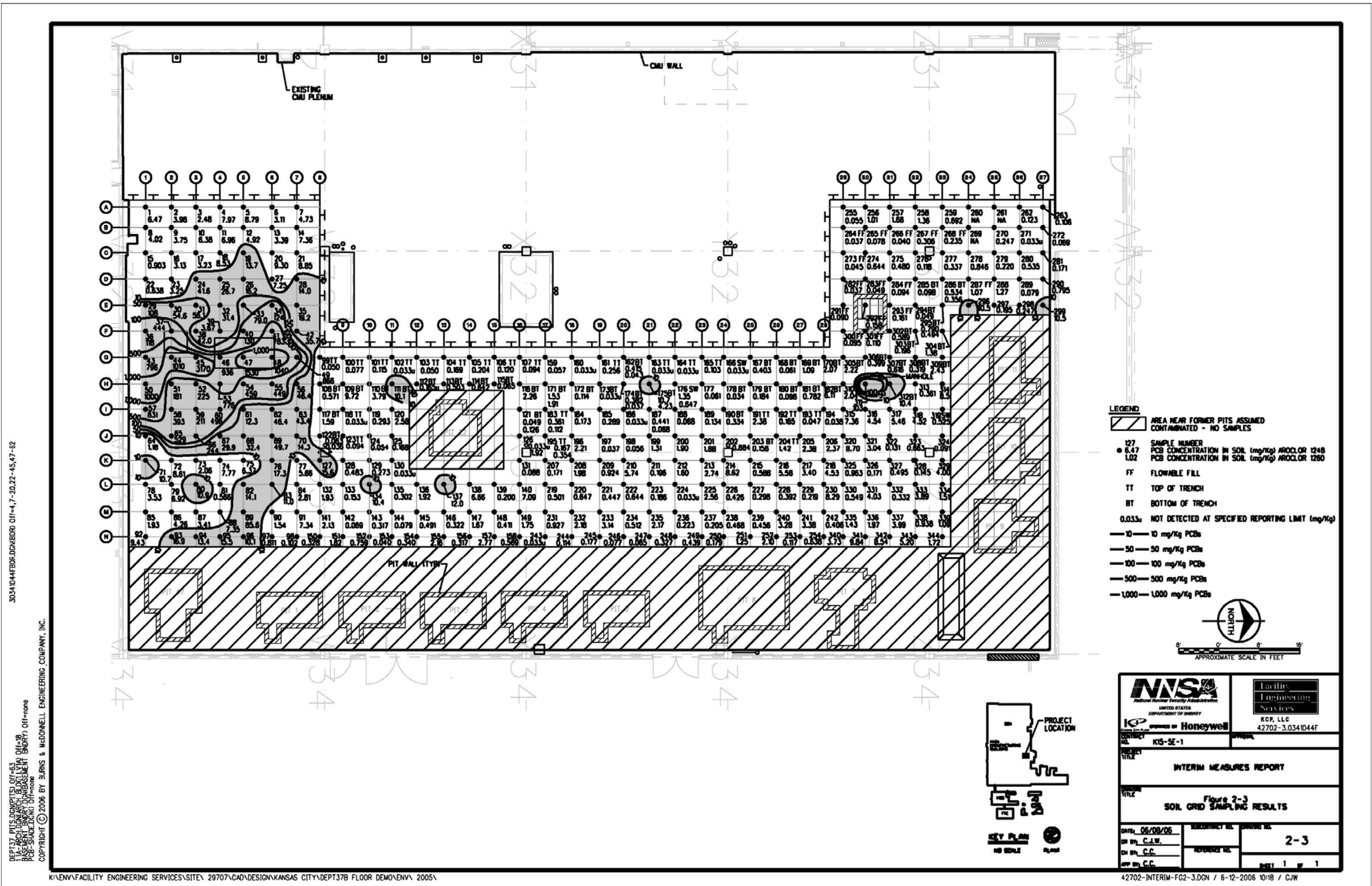


Figure 5.73 Sampling of Soil Subgrade Prior to Import of Granular Subgrade



Figure 5.74 Soil Grid Sampling Results



303A1044FEB06.DGN(BRD) 011-4,7-20,22-45,47-82
 DEPT 17 PITS (DNWRP) 011-63
 1-A ARCH (DNWRP) 011-10
 BASEMENT BRICK (DNWRP) 011-18
 PCB-SHADE (DNWRP) 011-10
 COPYRIGHT © 2006 BY BURNS & MCDONNELL ENGINEERING COMPANY, INC.

K:\ENV\FACILITY ENGINEERING SERVICES\SITE\ 29707\CAD\DESIGN\KANSAS CITY\DEPT.378 FLOOR DEMO\ENV\ 2005\

Figure 5.75

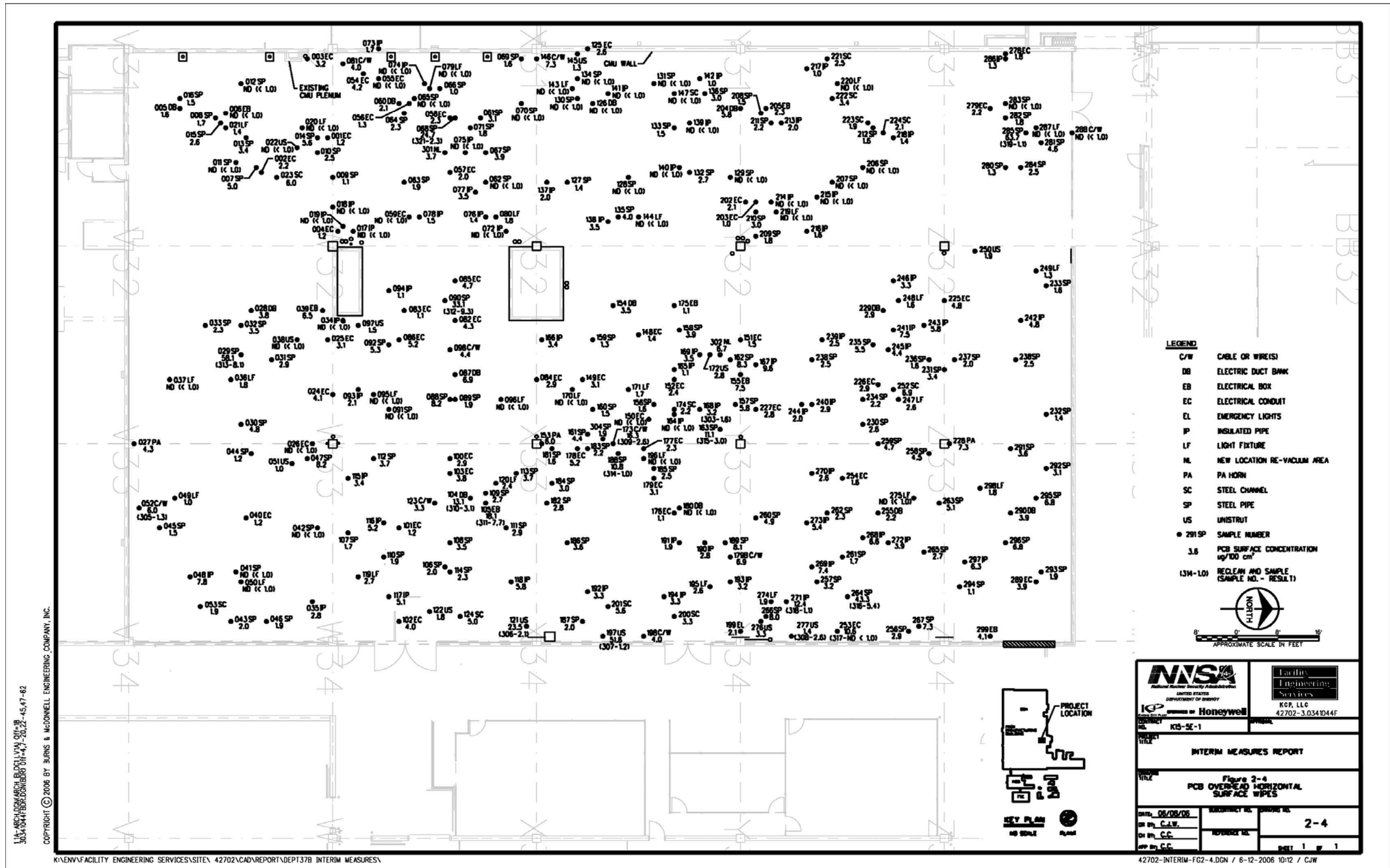


Figure 5.76



Photo 2-18 New Aggregate Base



Photo 2-19 New Aggregate Base and Wall Edge Detail

Figure 5.77



Photo 2-20 Placement of 20-mil Geotextile Cushion



Photo 2-21 Placement of 40-mil Geomembrane

Figure 5.78



Photo 2-22 Welding of Geomembrane



Photo 2-23 Geomembrane Detail Around Columns

Figure 5.79



Photo 2-24 Geomembrane Detail at Basement Edge

Figure 5.80



Photo 2-34 Cleaning of Walls and Overhead Piping/Surfaces



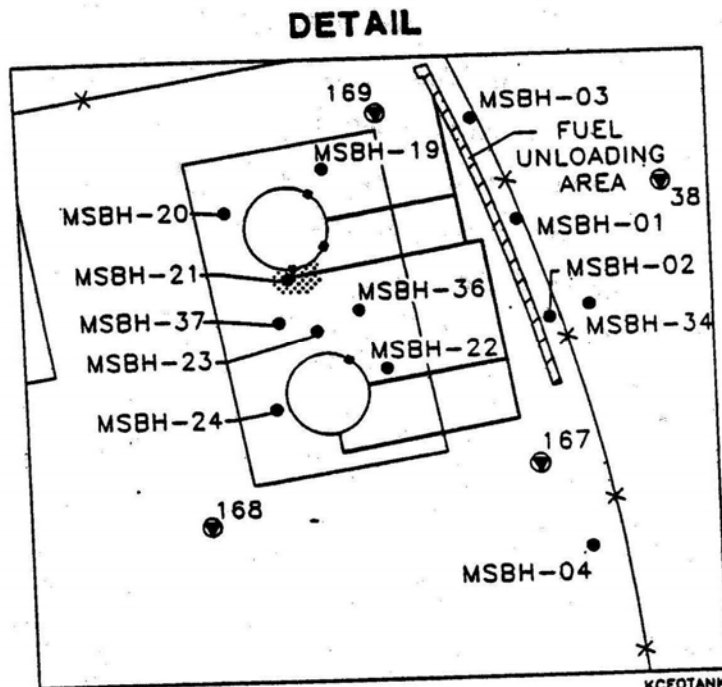
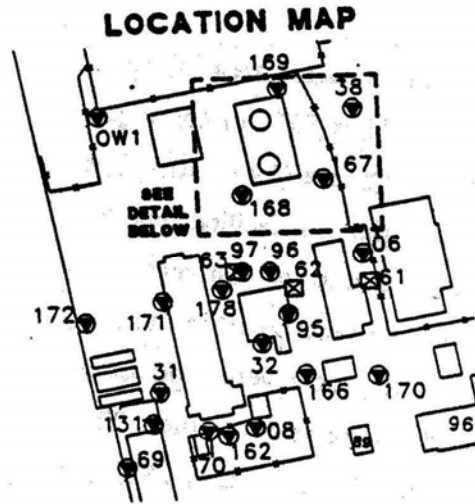
Photo 2-35 Cleaning of Walls and Overhead Piping/Surfaces

Figure 5.81



Photo 2-36 Post Cleaning Confirmation Sampling of Overhead Surfaces

Figure 5.82



KCFOTANK
REV 4/21/92

EXPLANATION

- IN-SERVICE MONITORING WELL LOCATION
- SOIL BORING LOCATION
- ▨ STEAM CONDENSATE RETURN LINE
- SPILL LOCATION
- LEAKY VALVE LOCATION

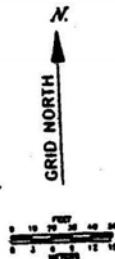


Figure 5.83

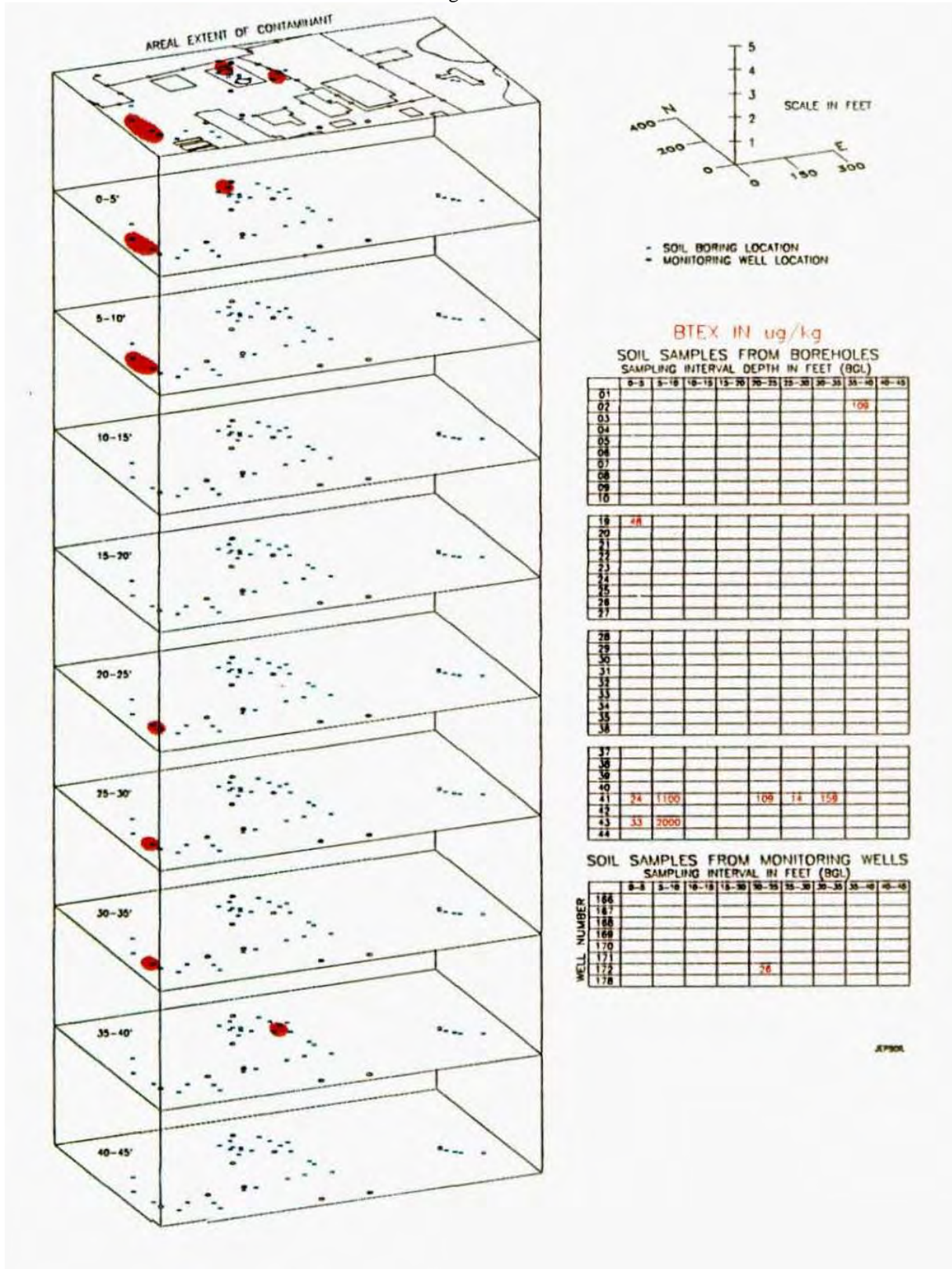


Figure 5.84

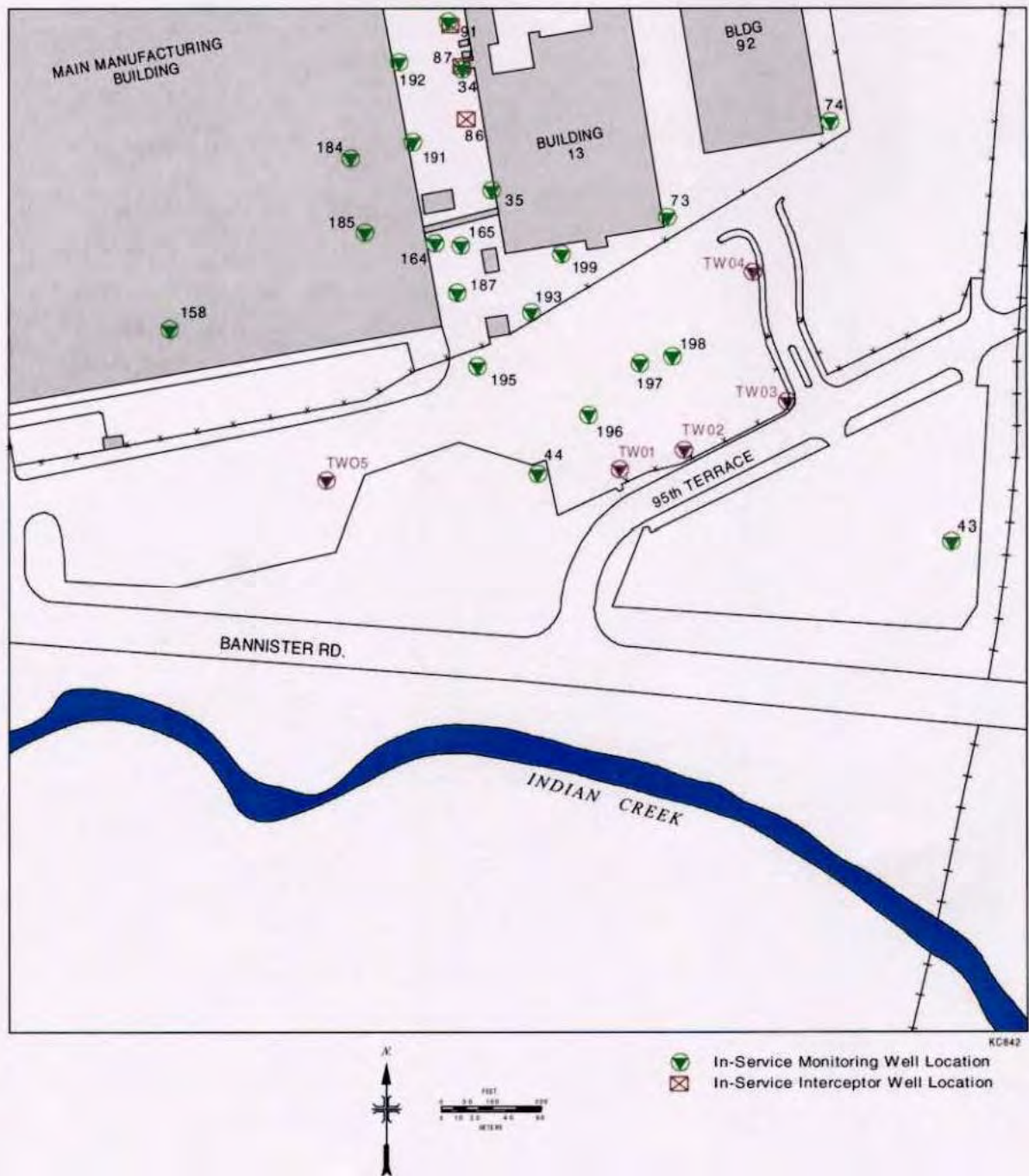


Figure 5.85

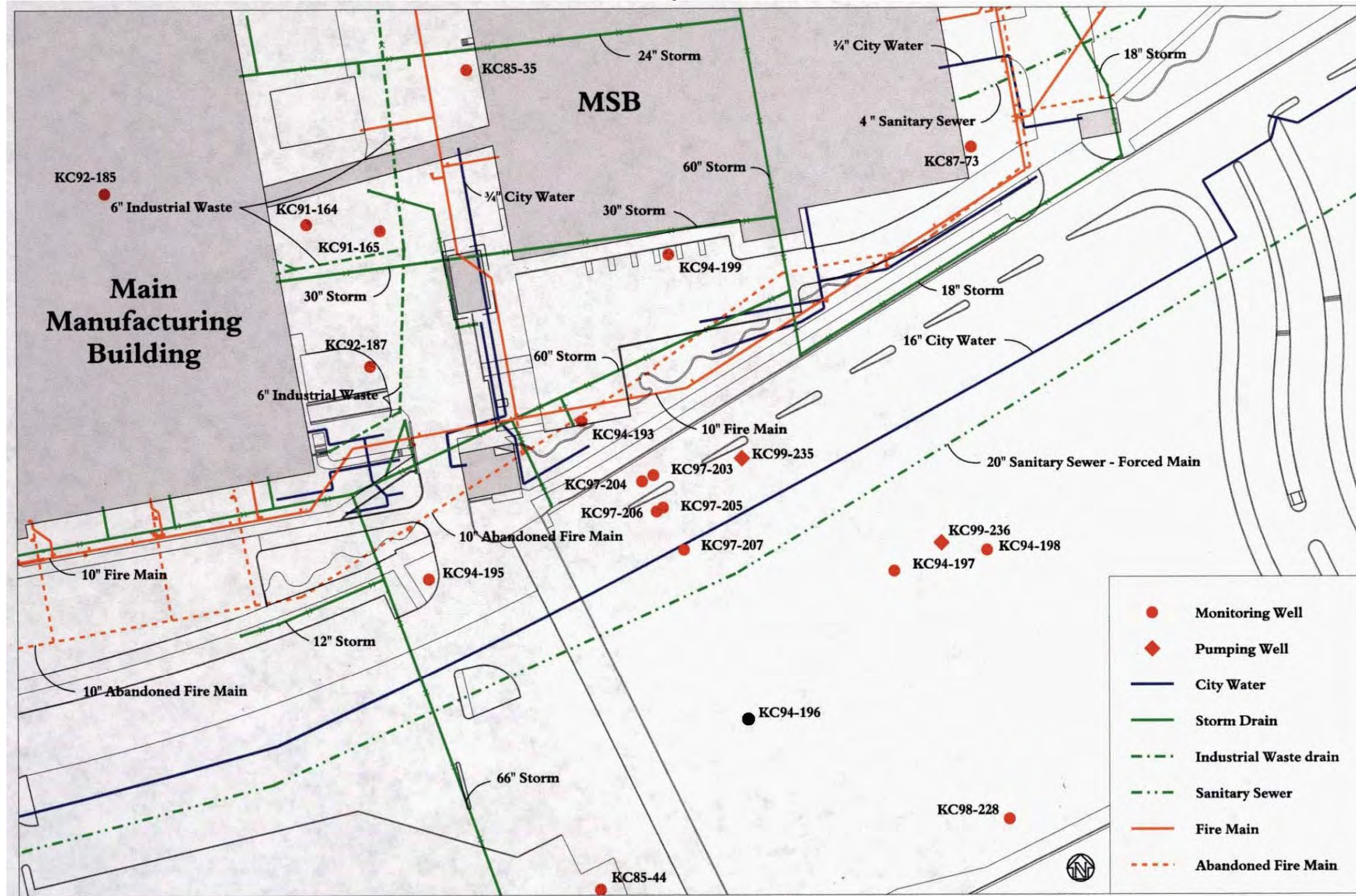


Figure 5.86

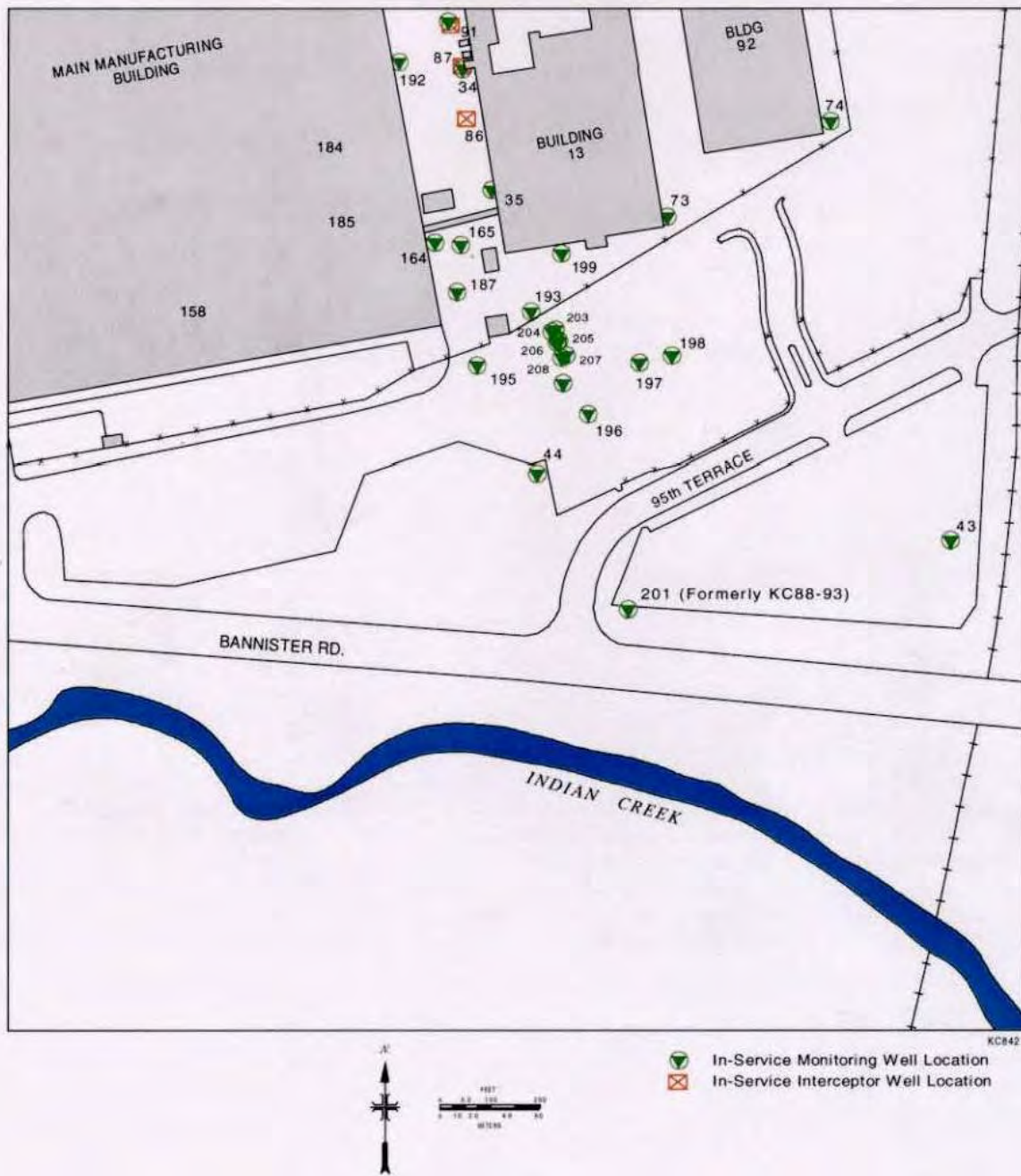


Figure 5.87

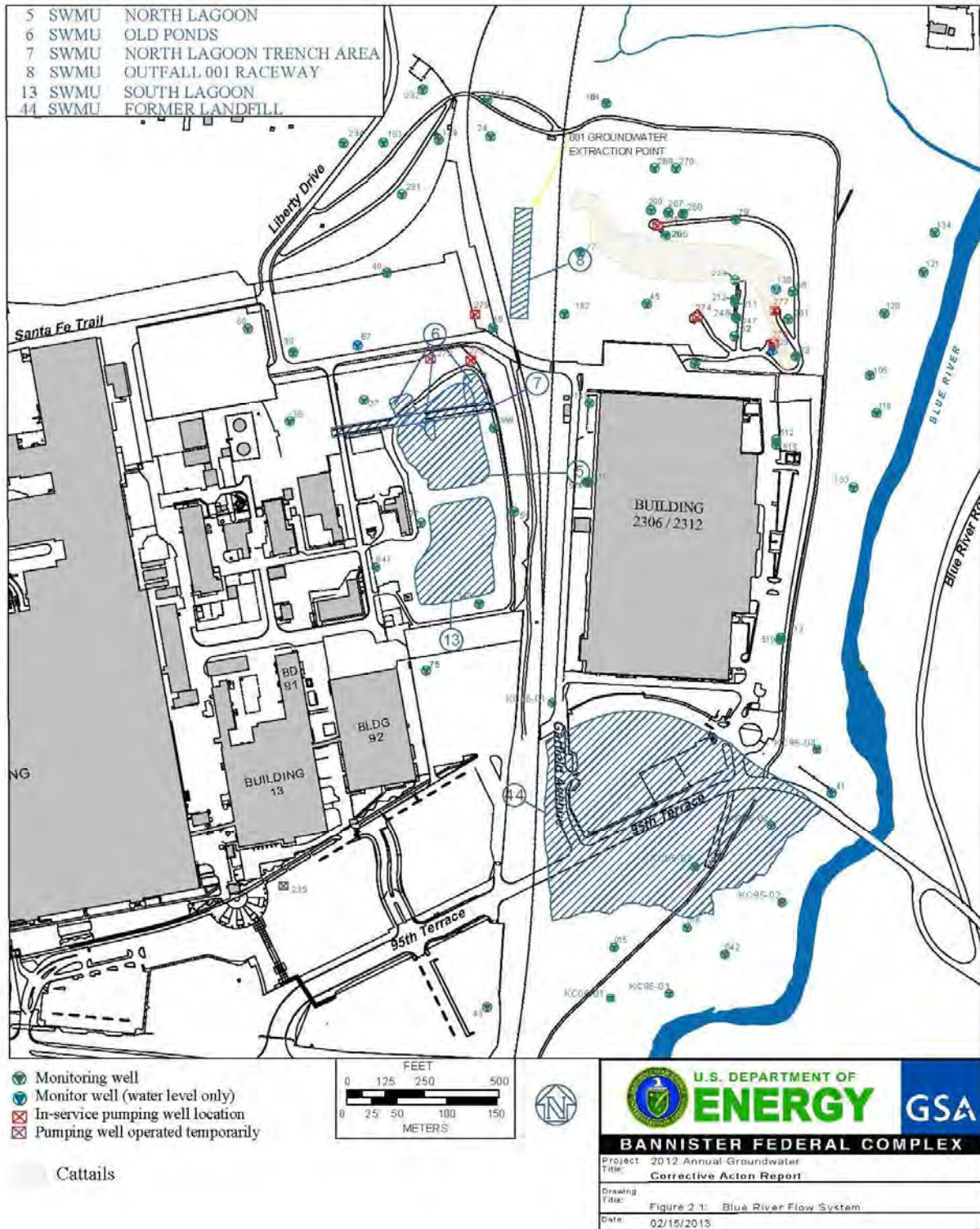


Figure 5.88



Figure 5.89

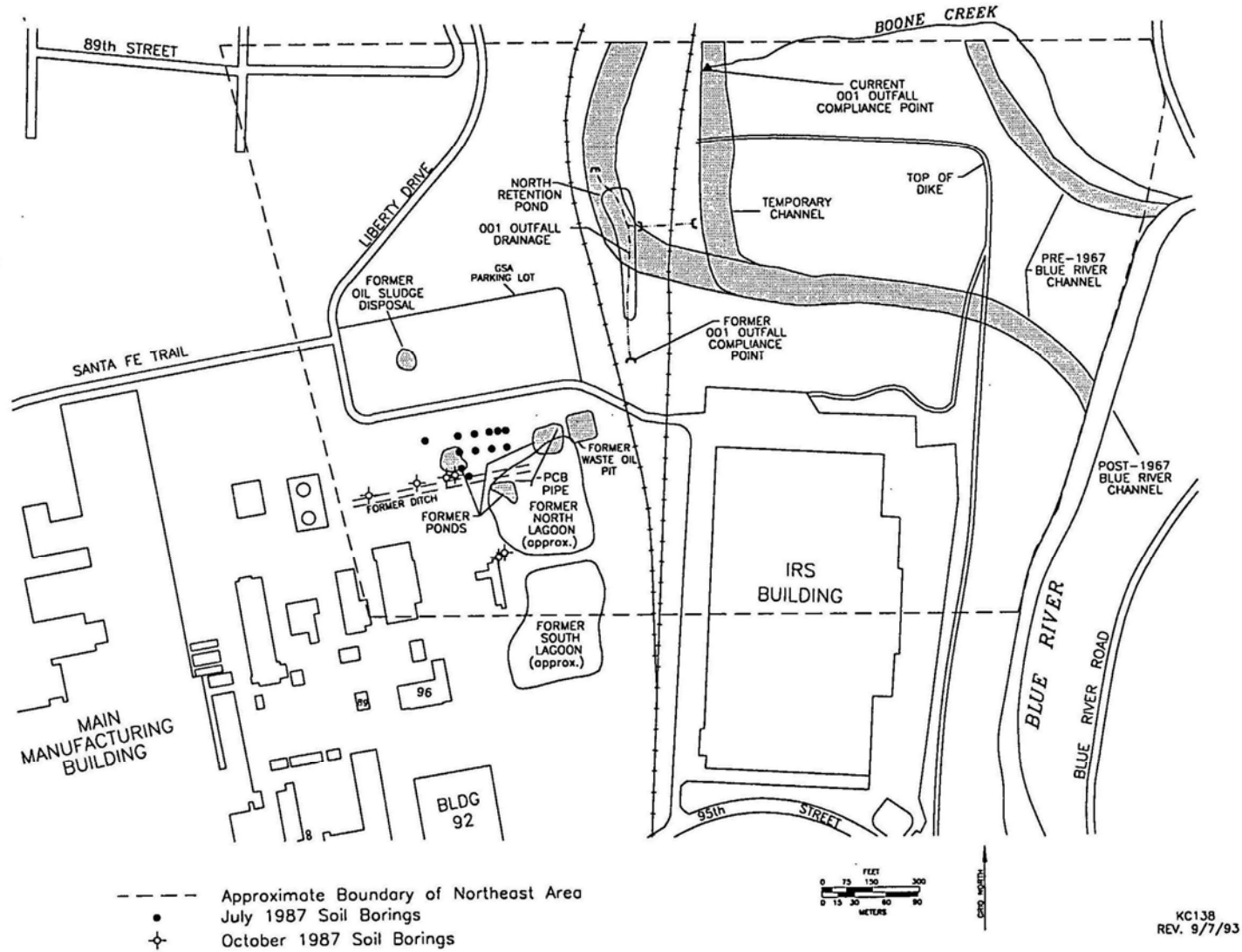


Figure 5.90
Map Showing Ditch Drainage

Northeast Drainage Ditch

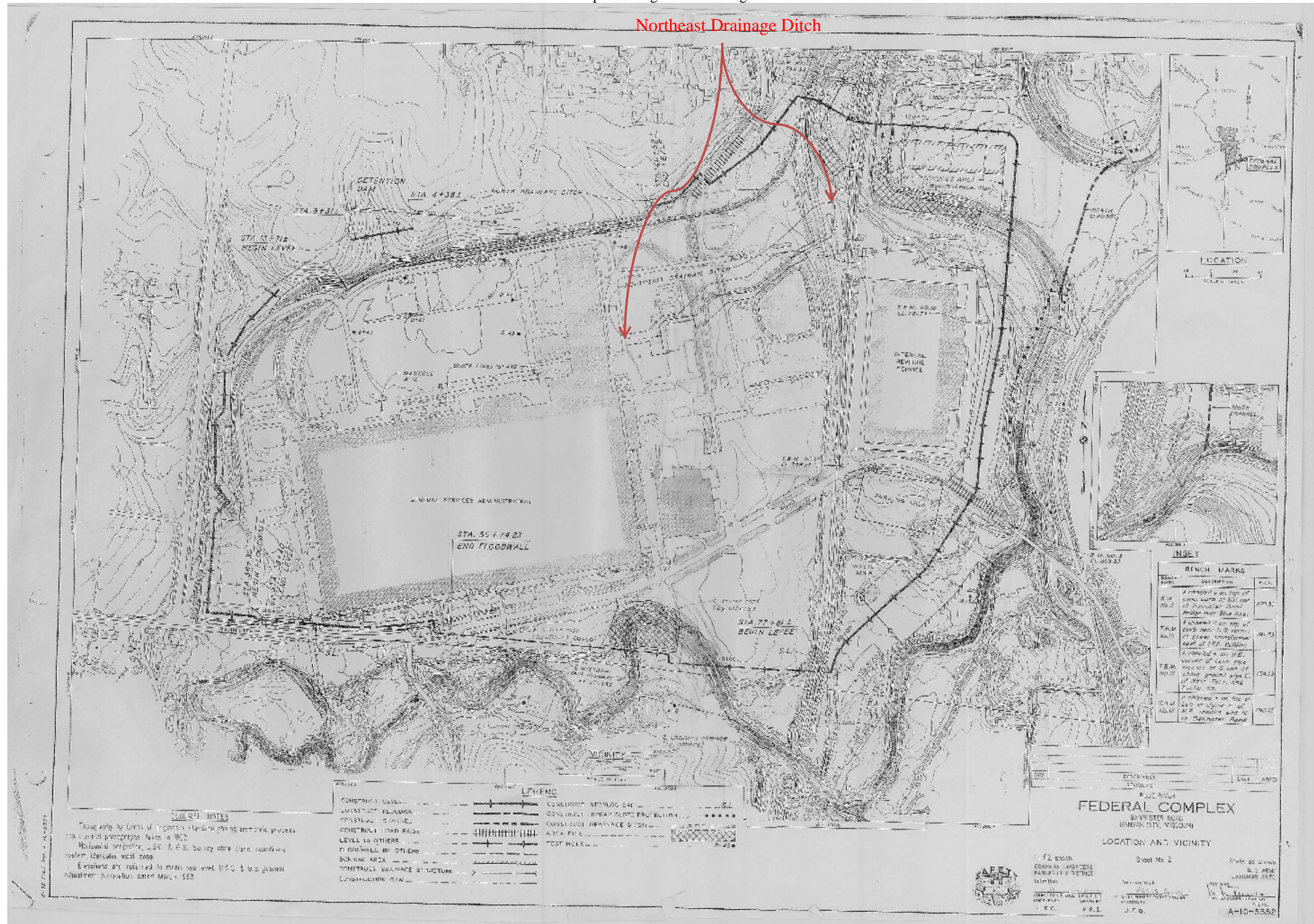


Figure 5.91



Figure 5.92

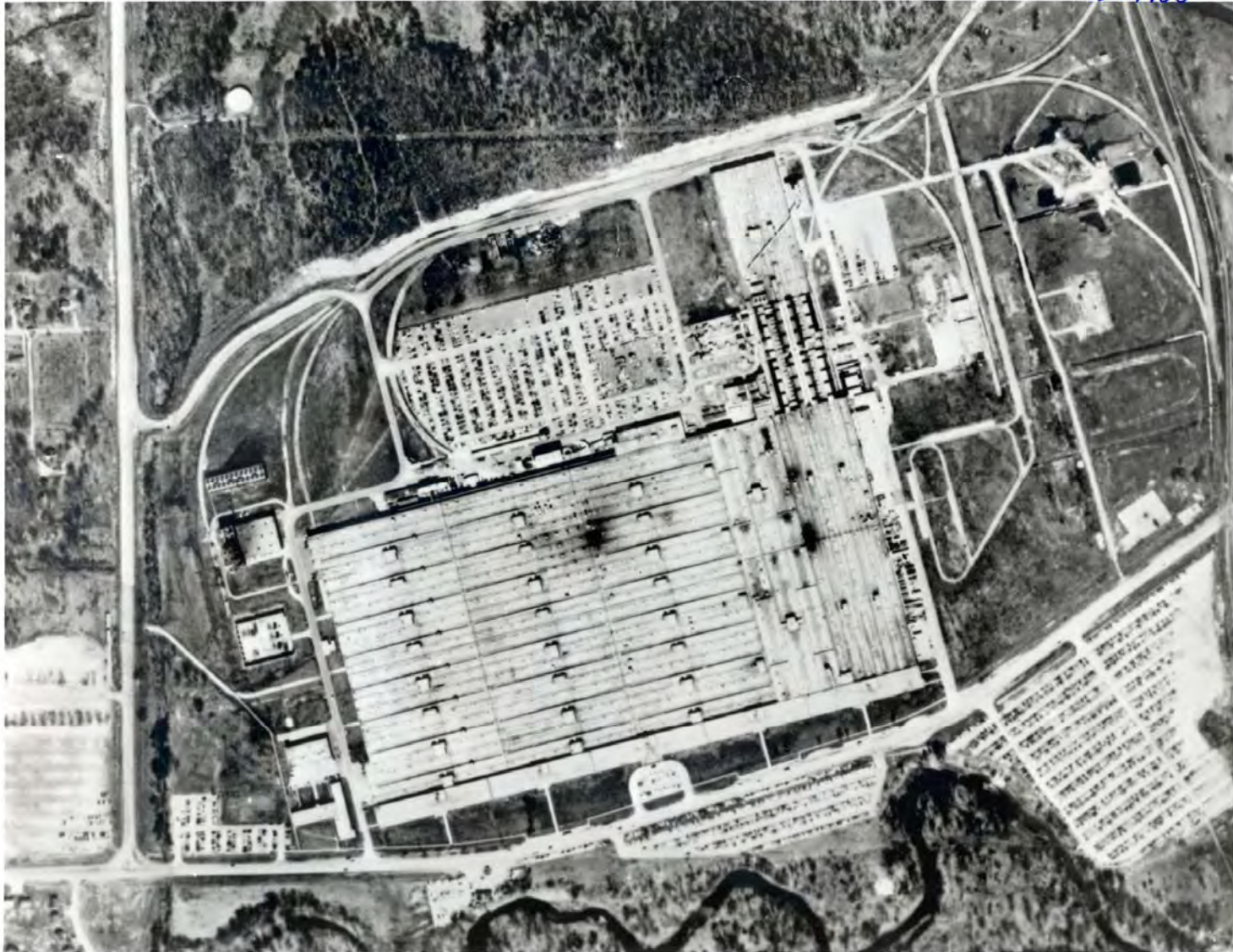


Figure 5.93



Figure 5.94

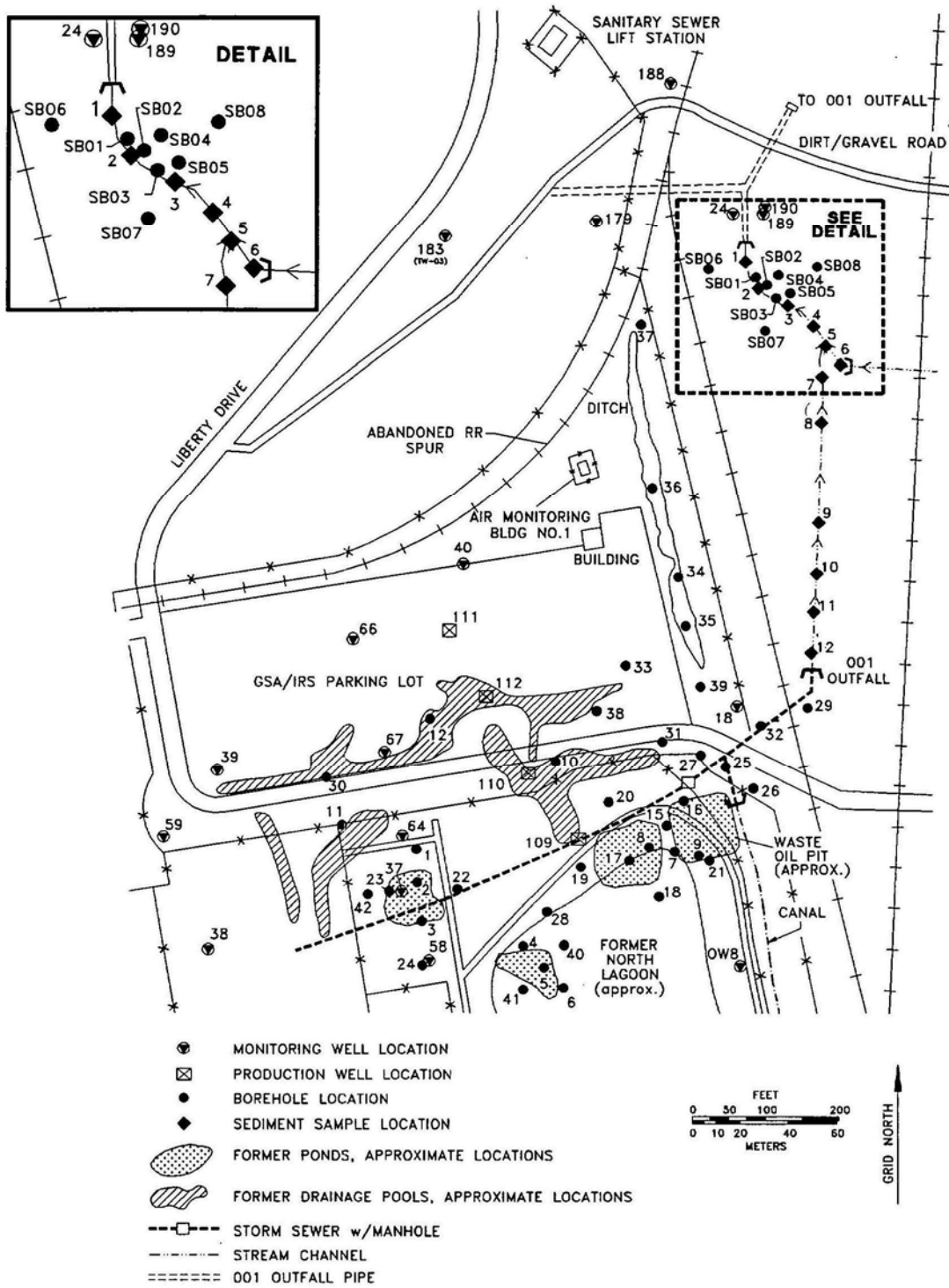


Figure 5.95

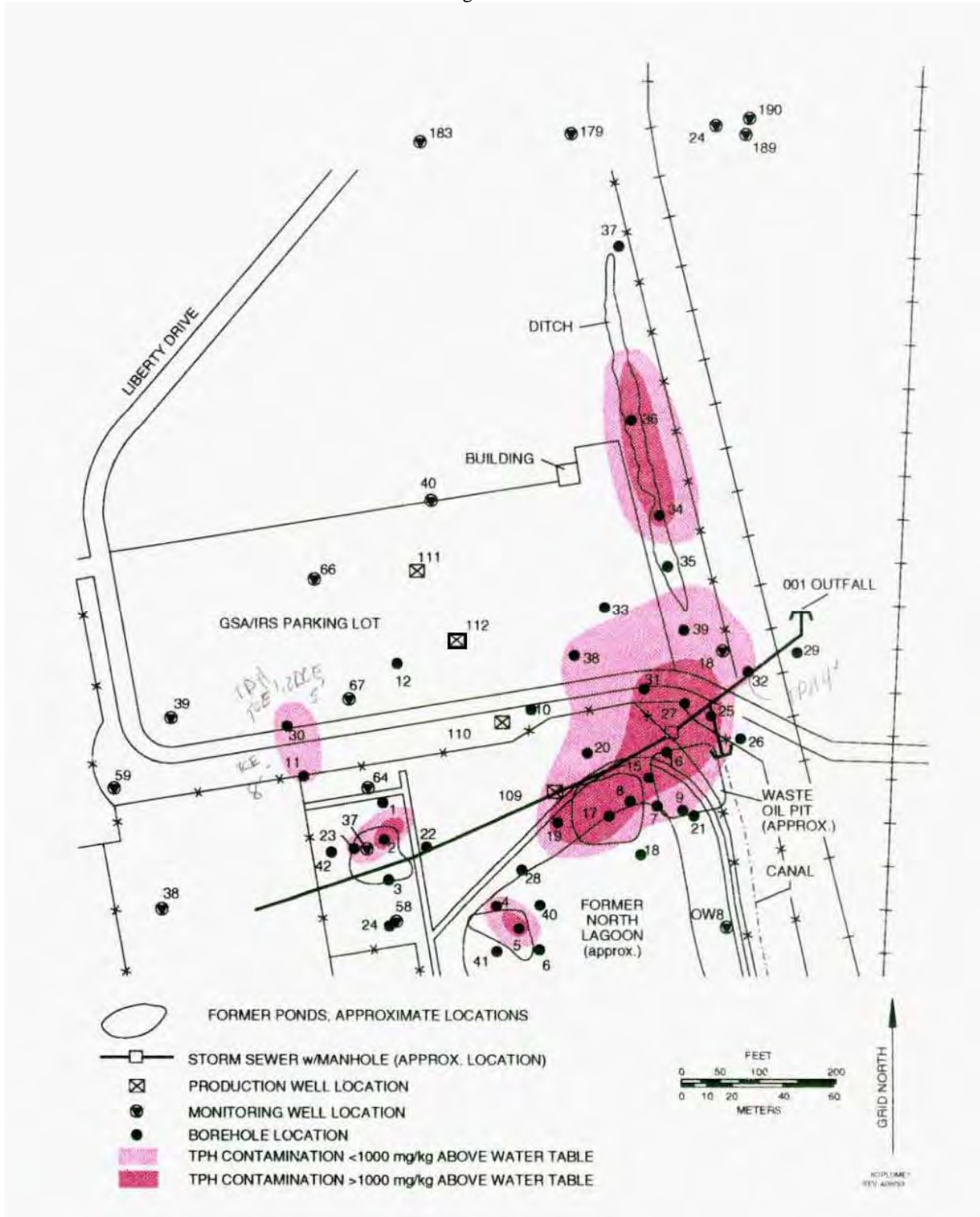


Figure 5.96

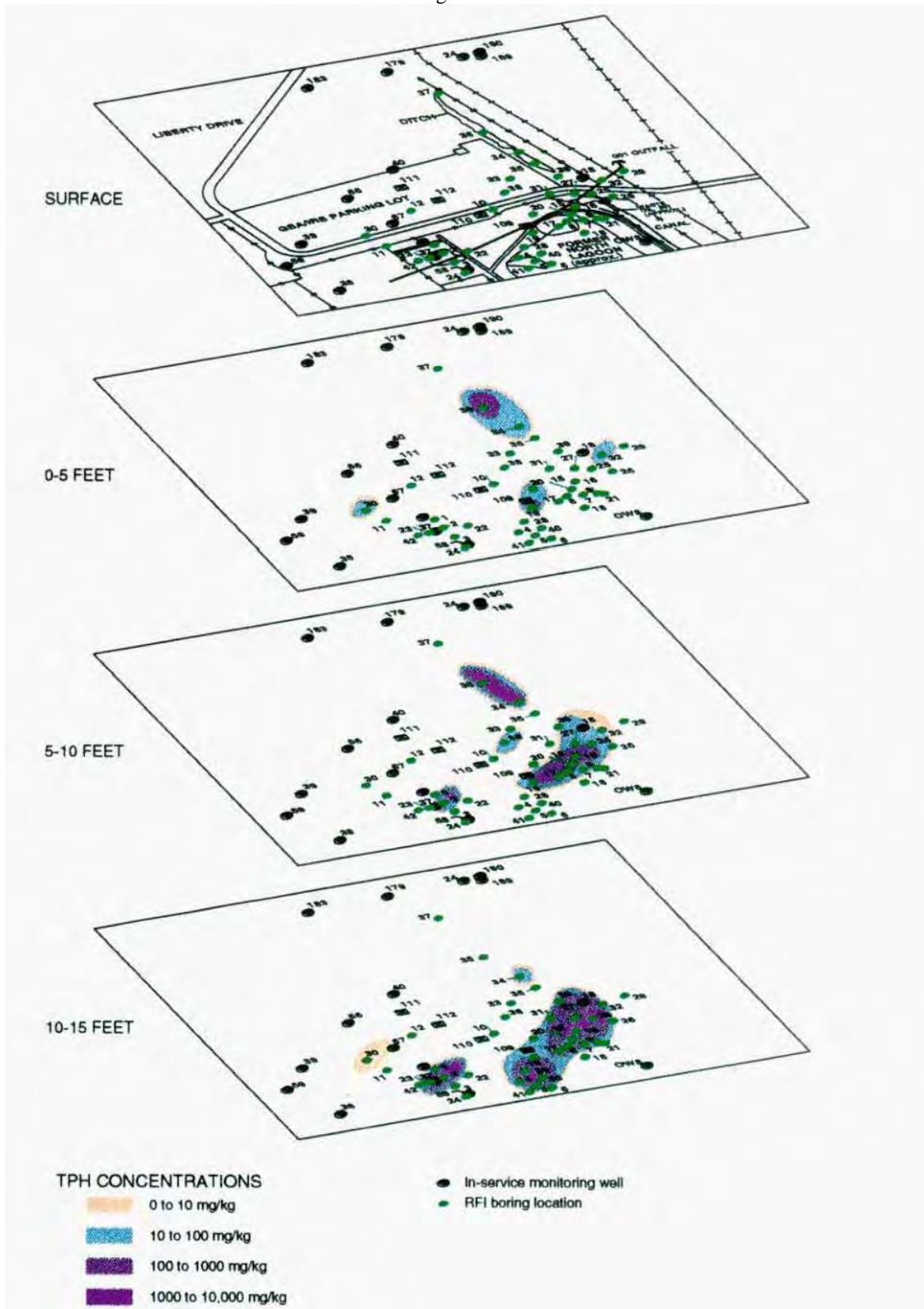


Figure 5.96 (continued)

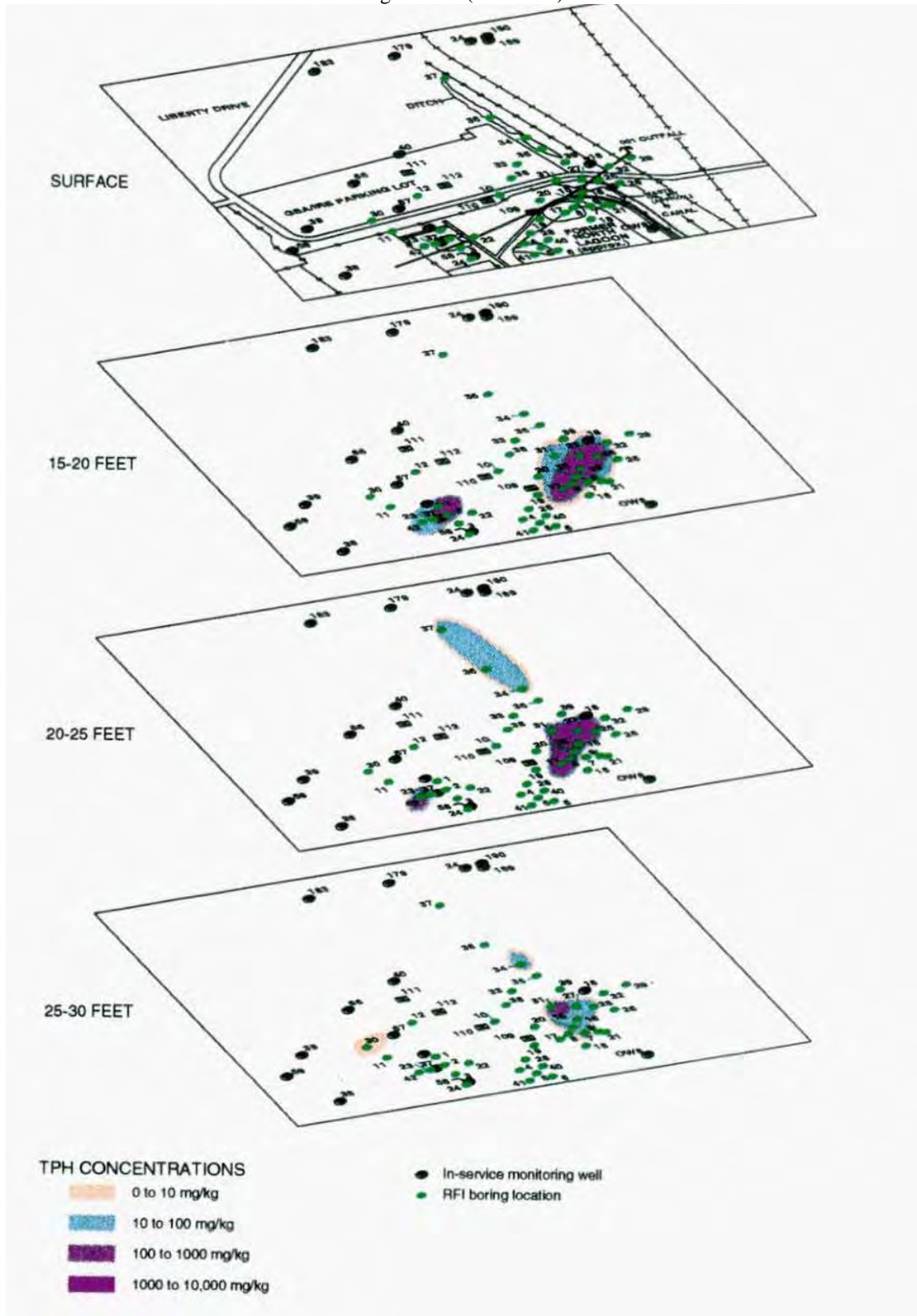


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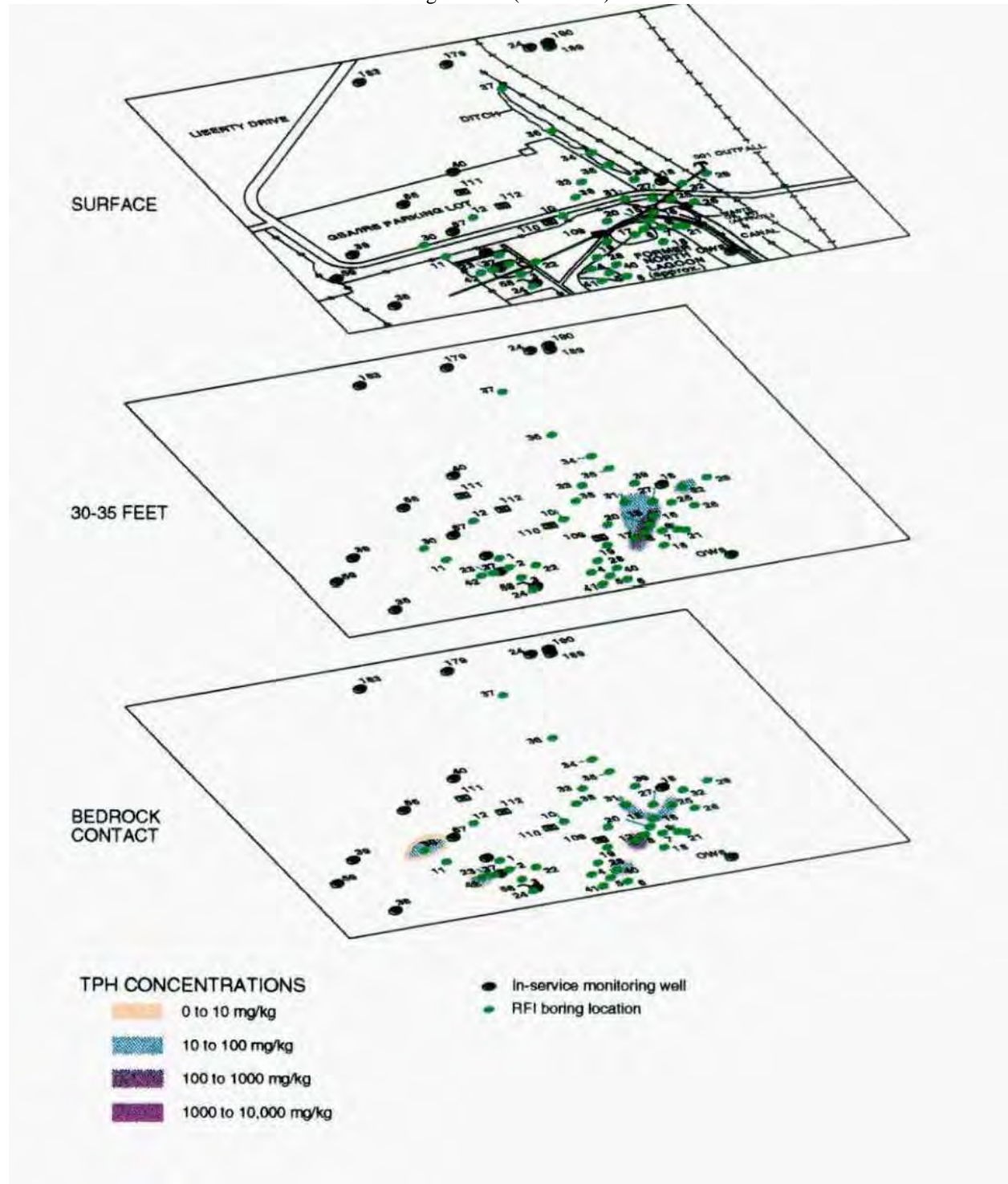


Figure 5.97

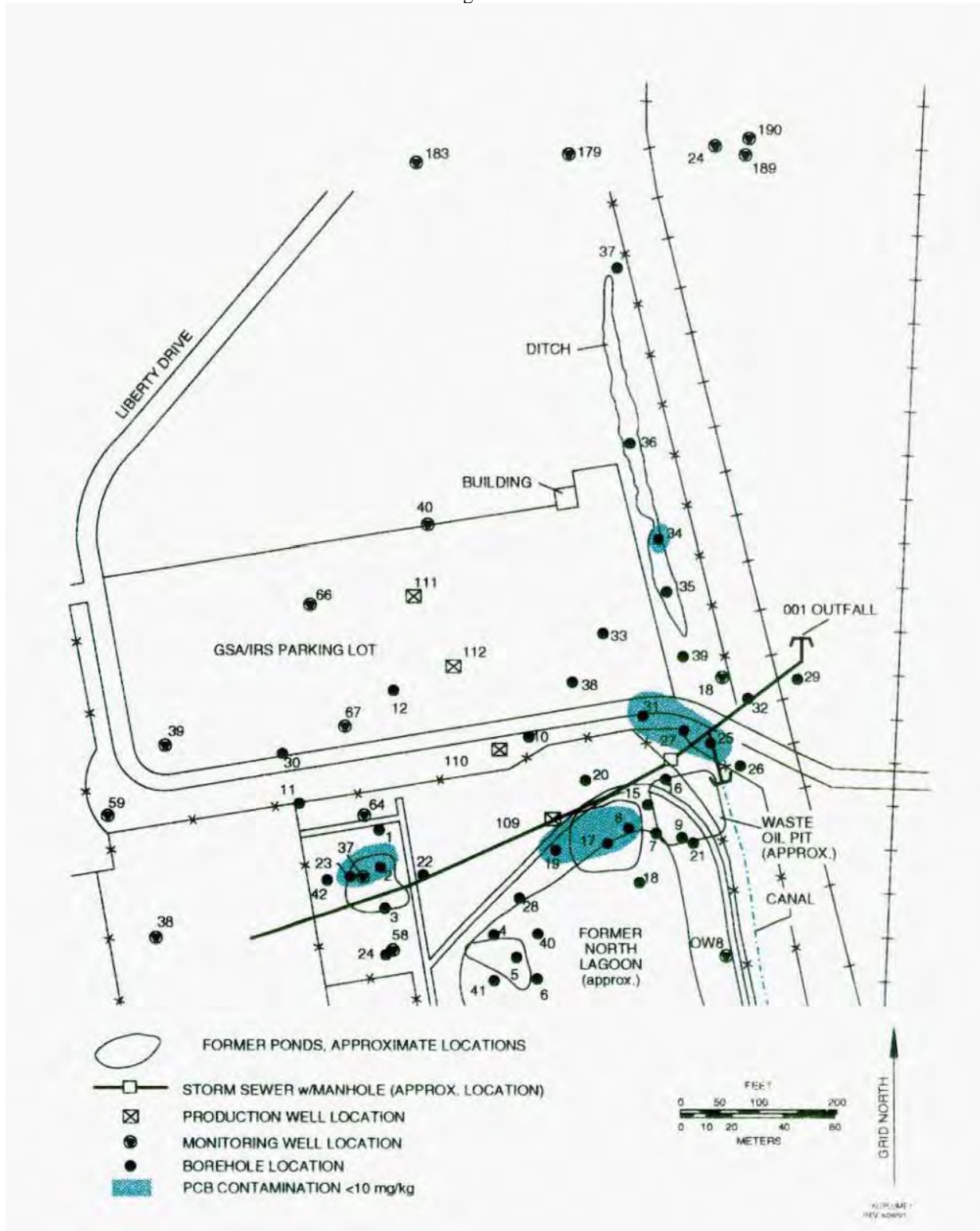


Figure 5.98

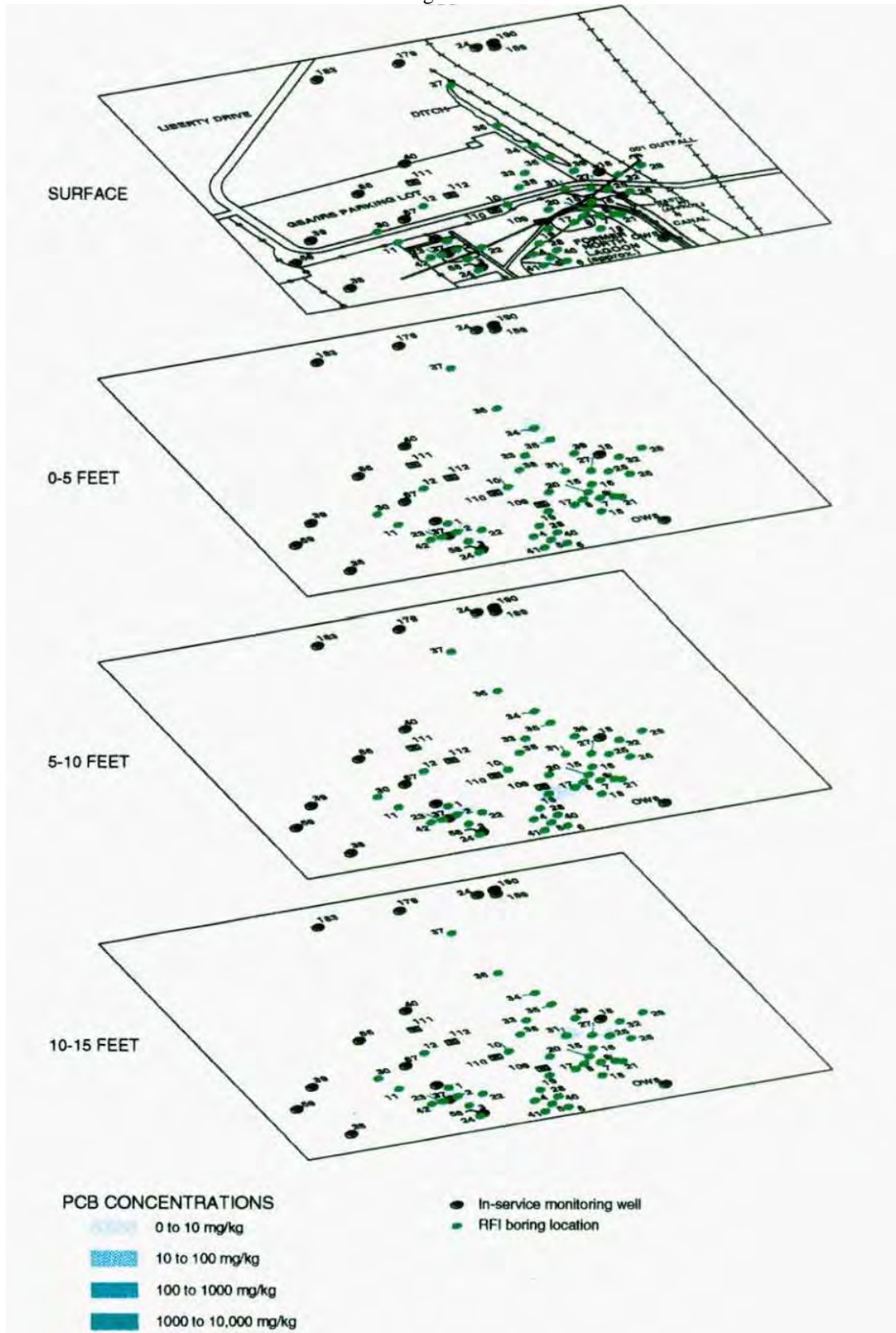


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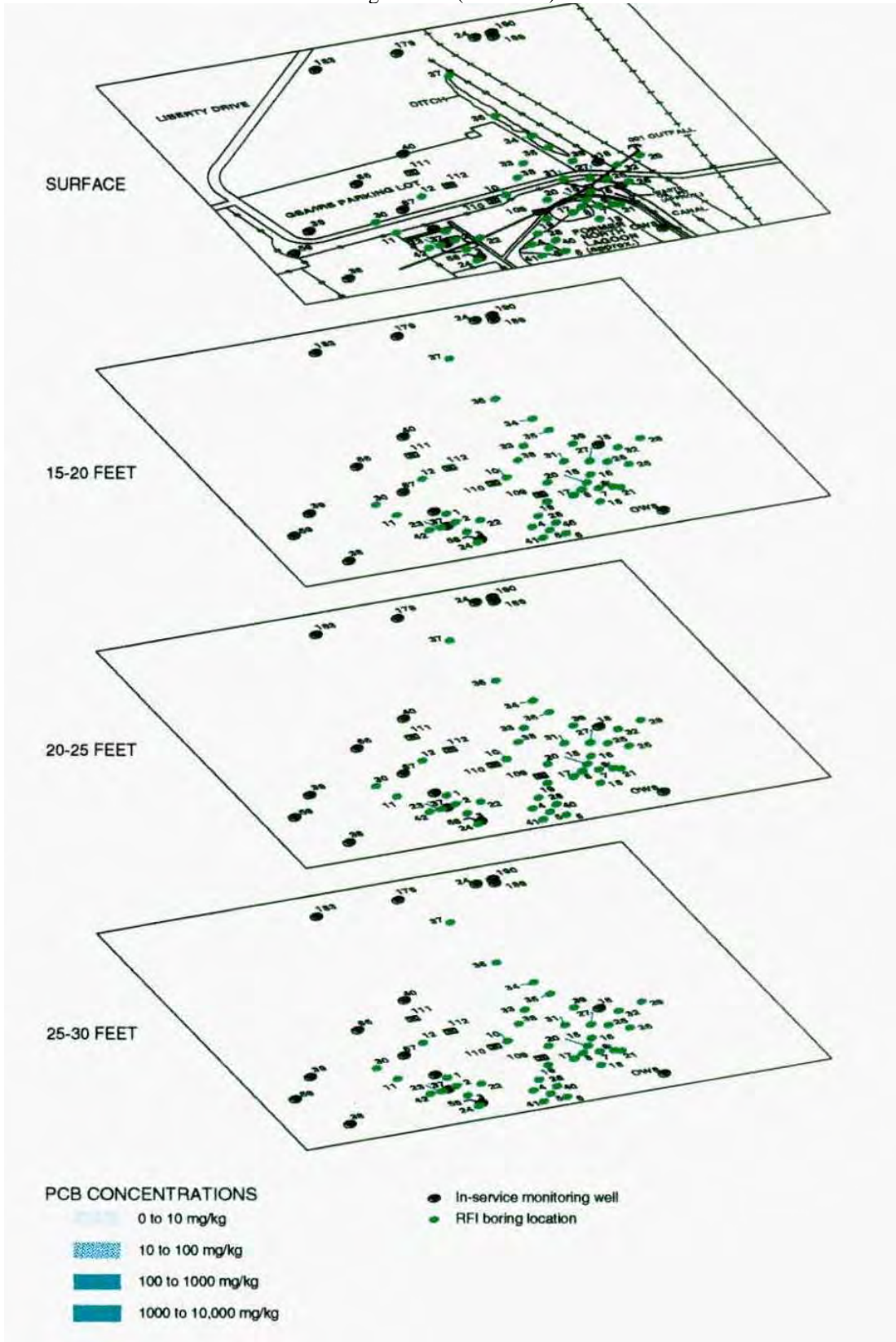


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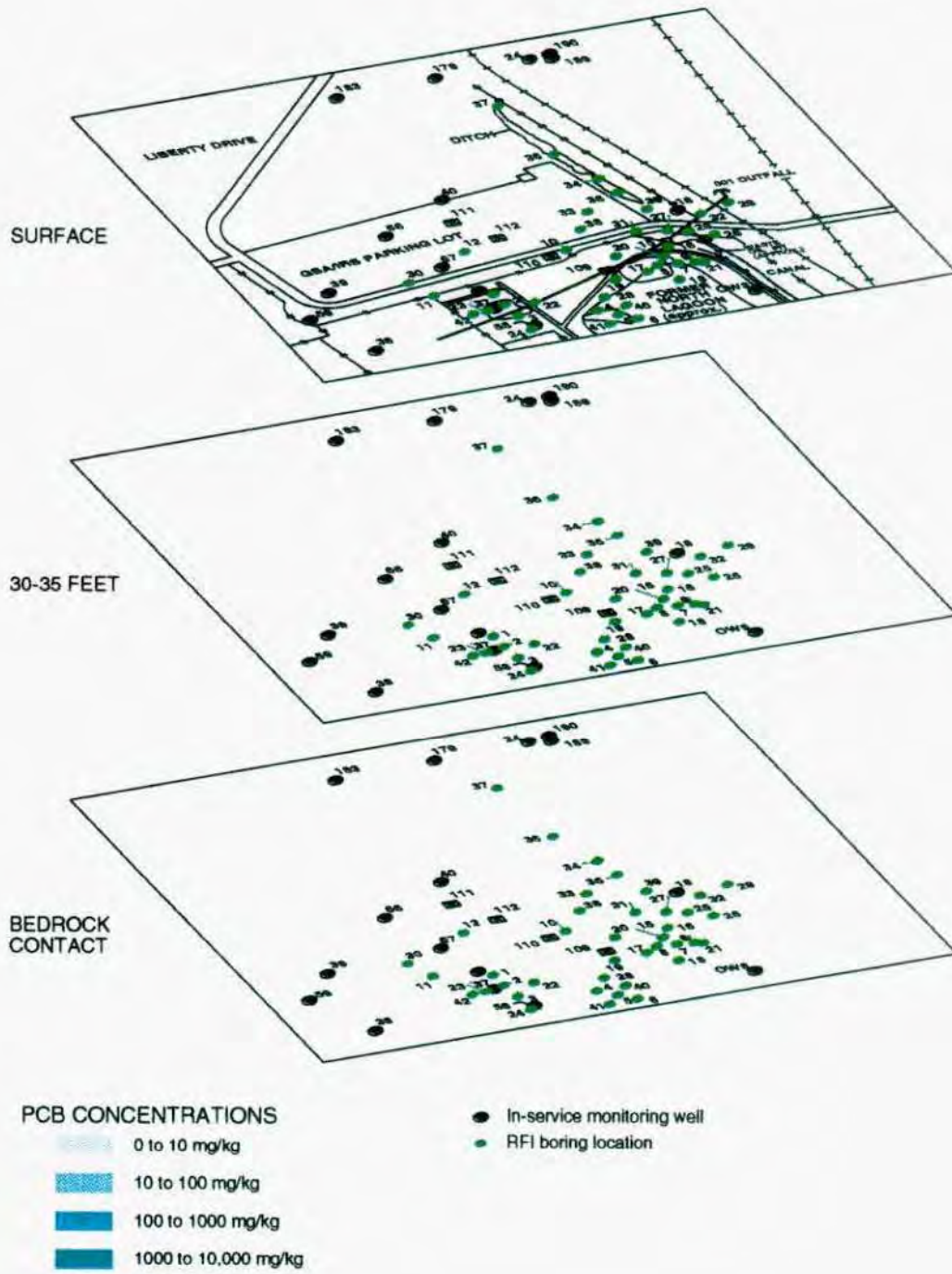


Figure 5.99

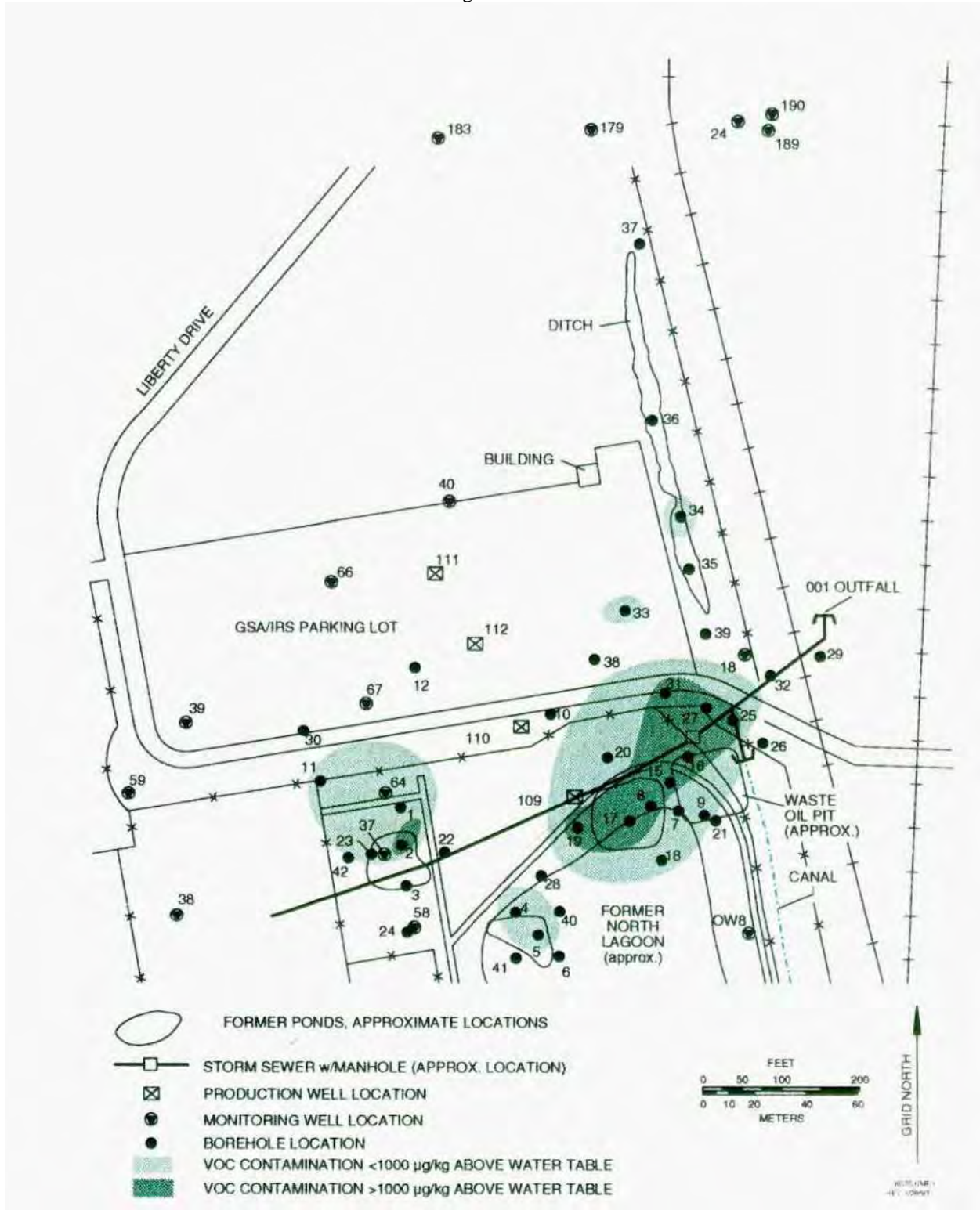


Figure 5.100

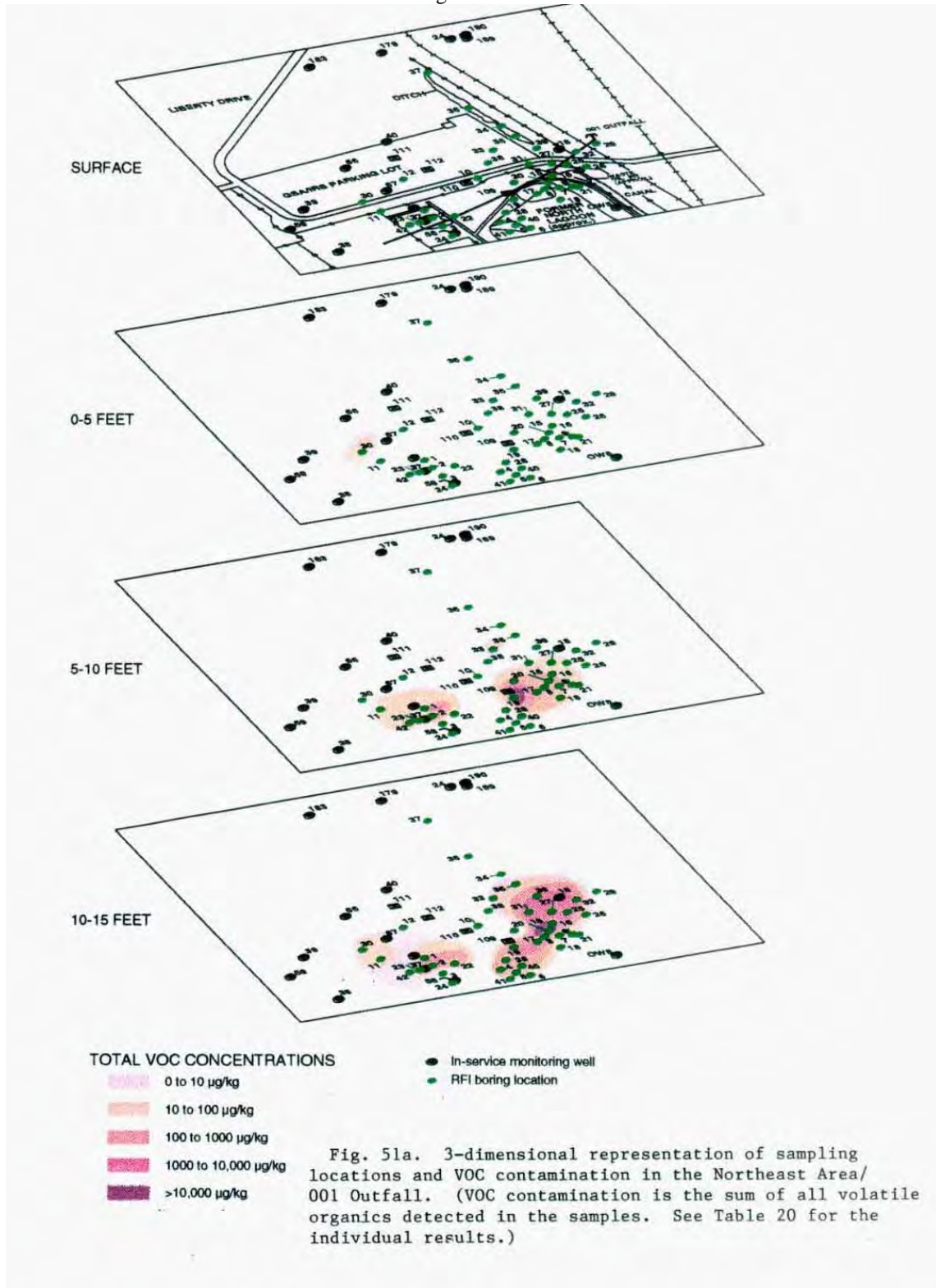


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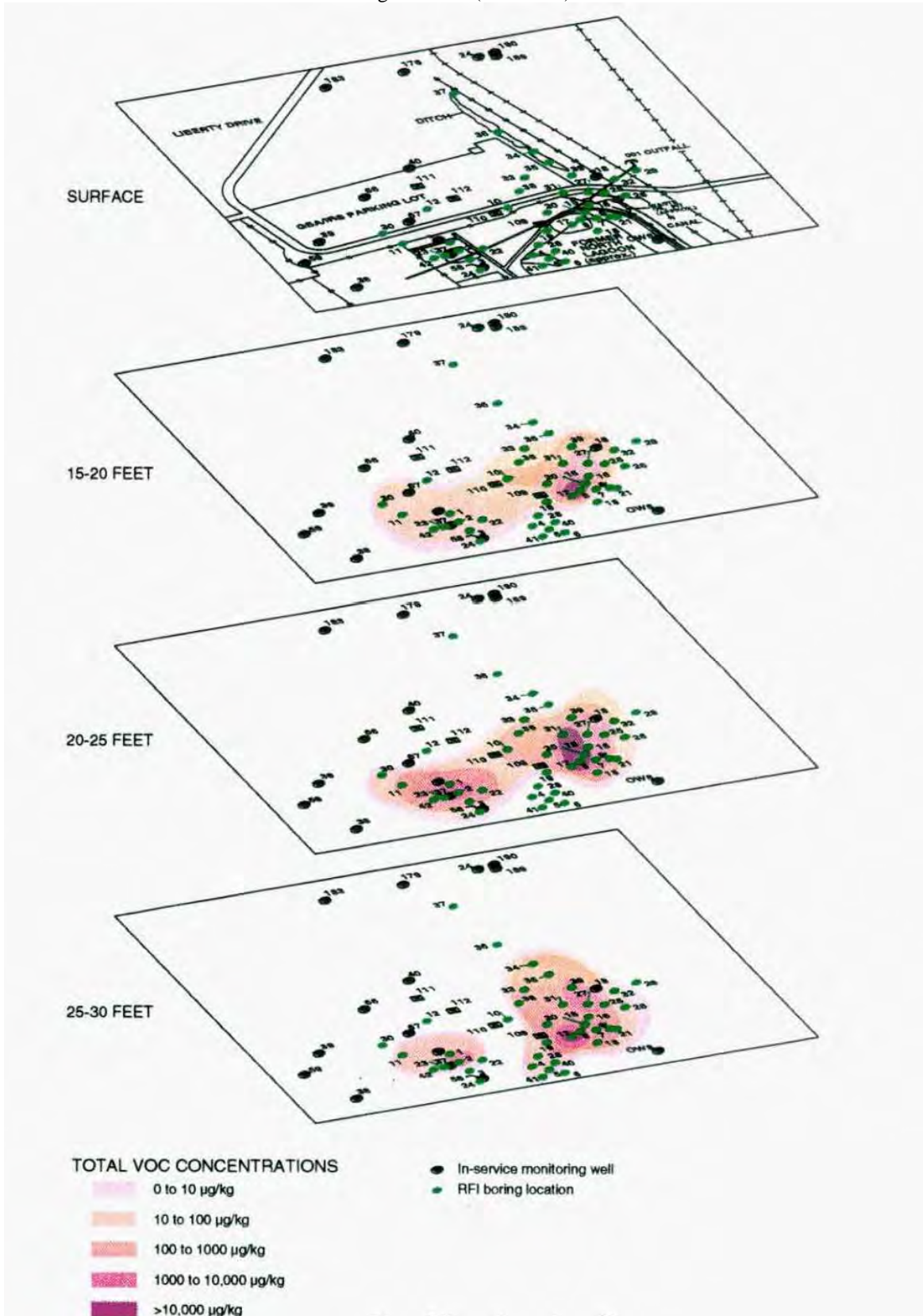


Figure 5.100 (continued)

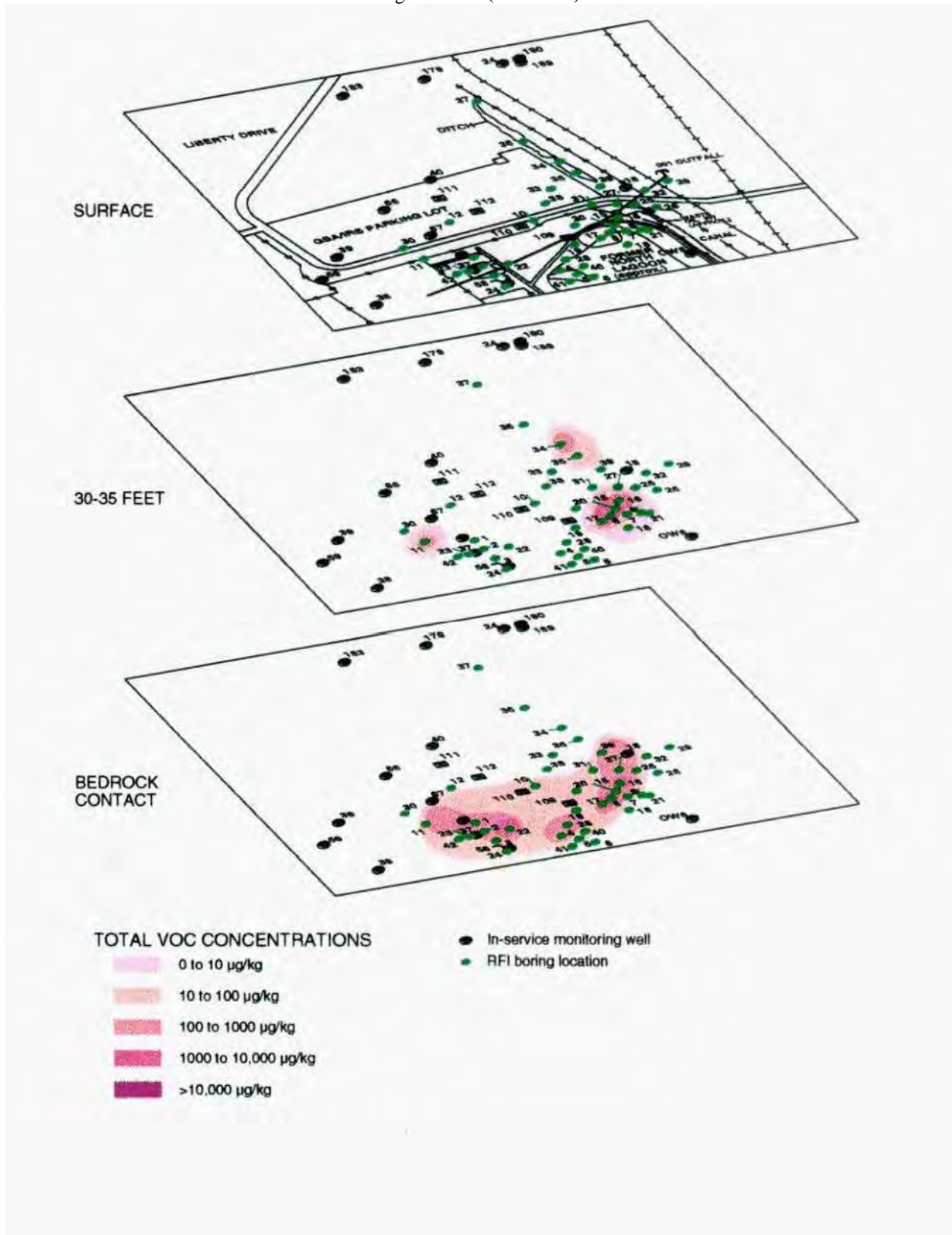


Figure 5.101

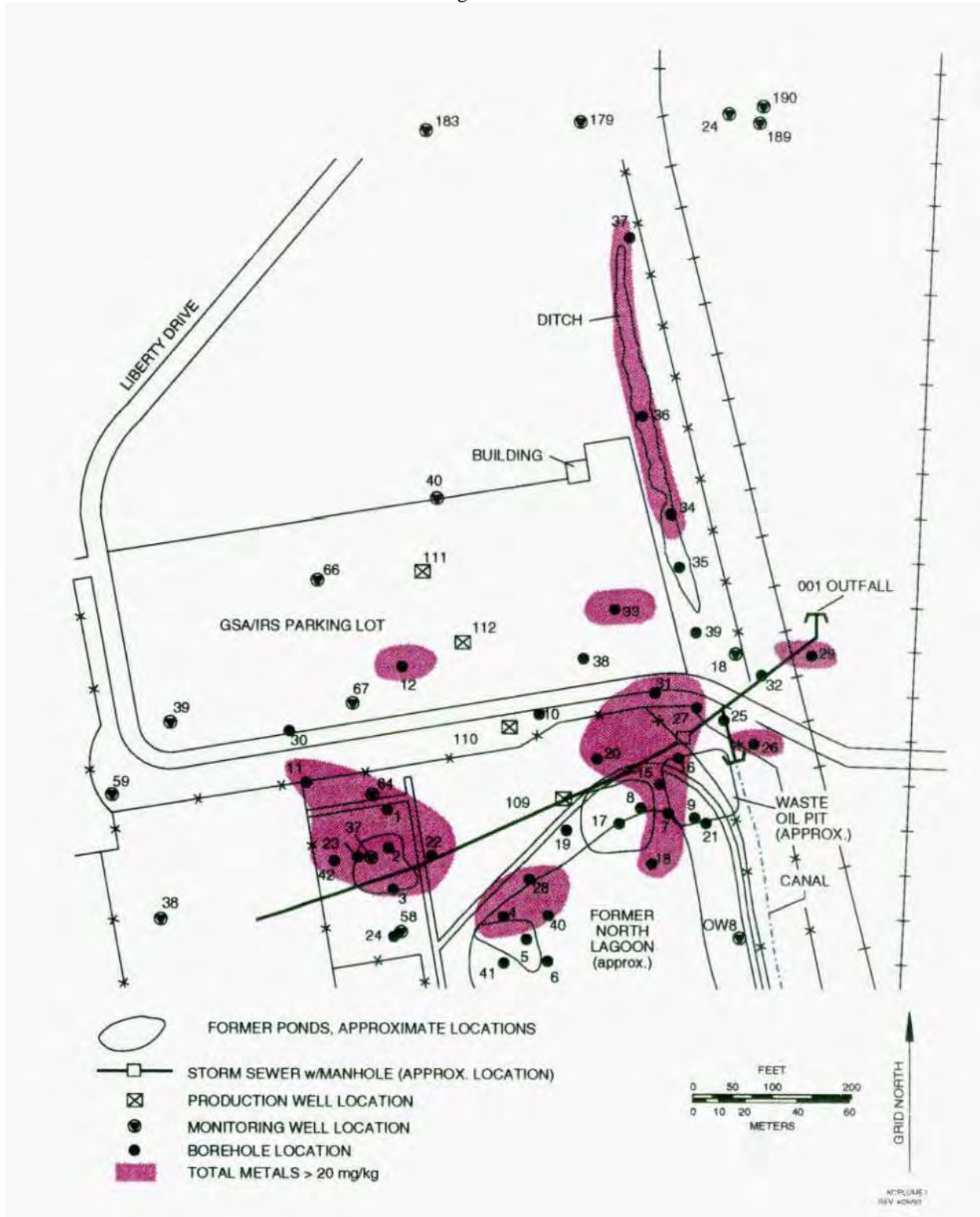


Figure 5.102

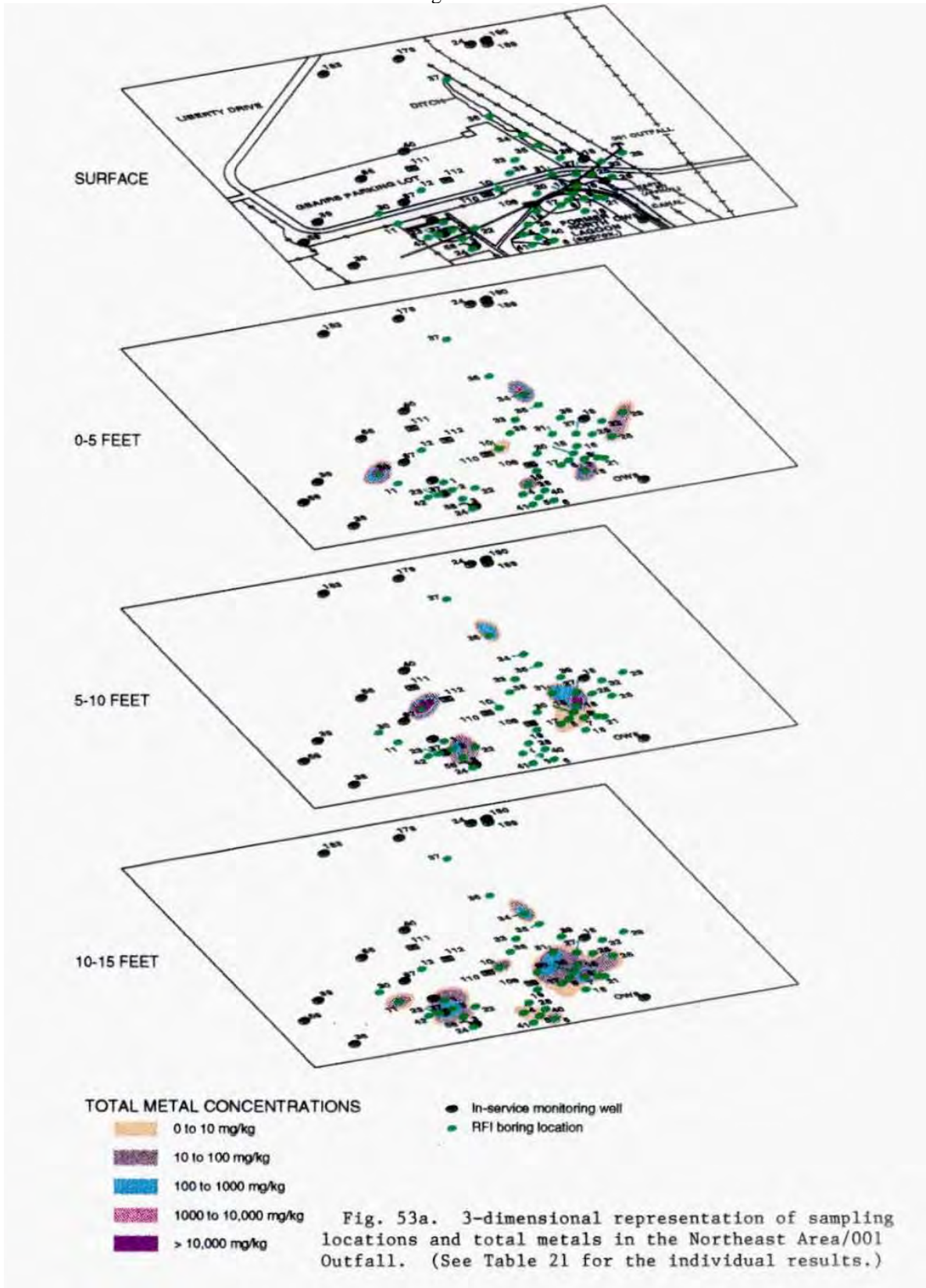


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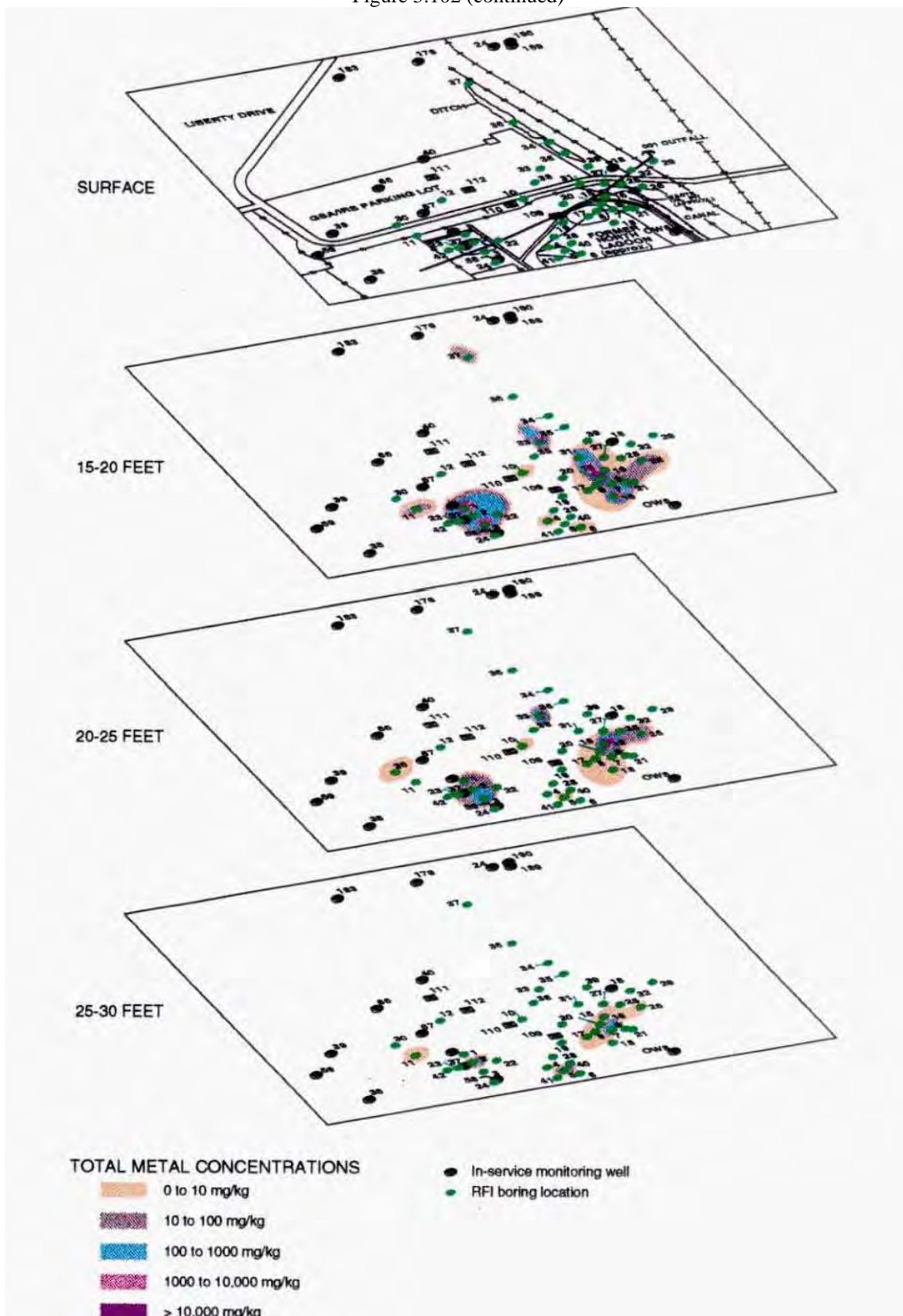


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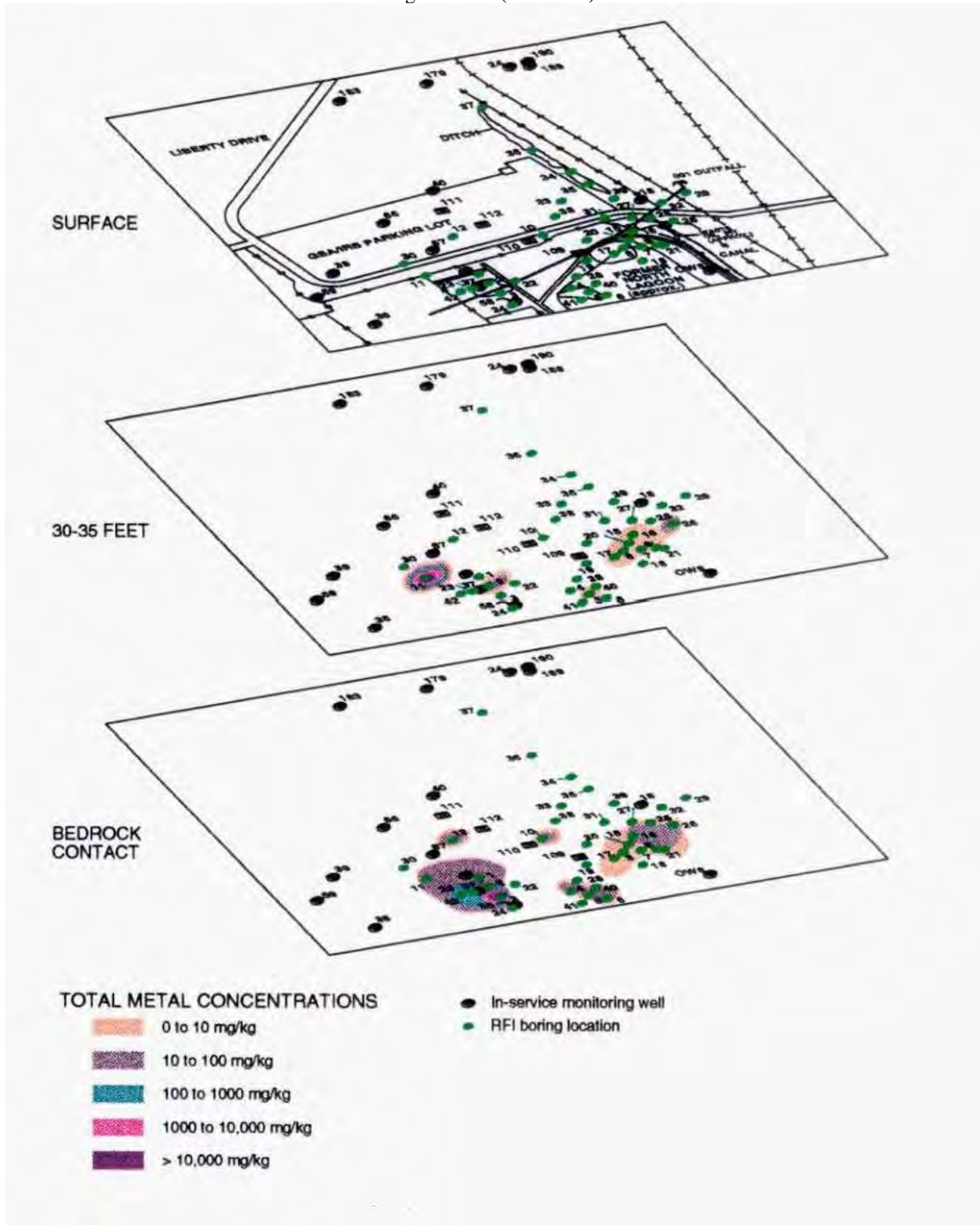
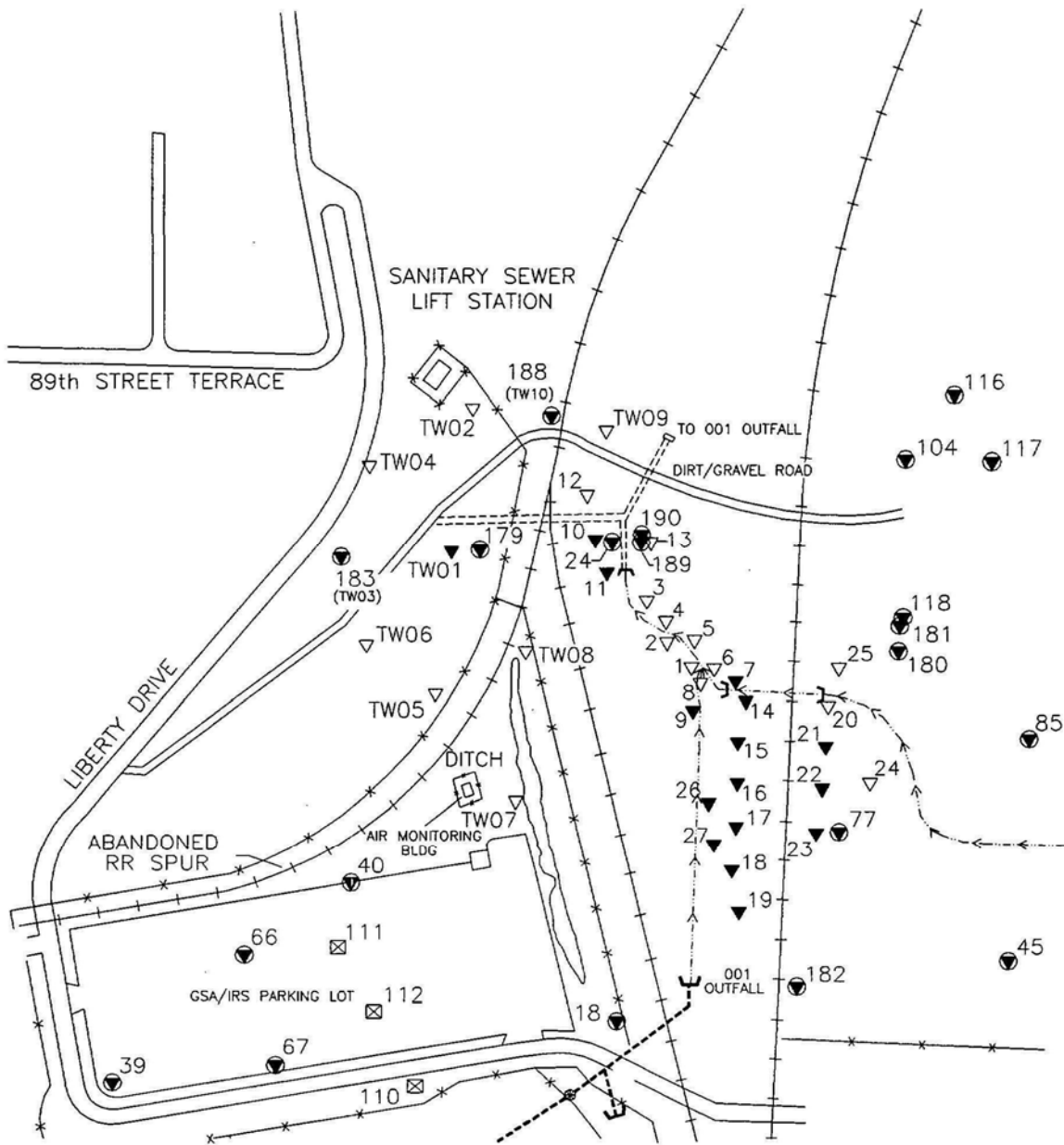
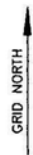
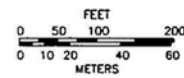


Figure 5.103



- IN-SERVICE MONITORING WELL LOCATION
- ⊠ IN-SERVICE PRODUCTION WELL LOCATION
- ▽ UNCONTAMINATED TEMPORARY WELL LOCATION
- ▼ CONTAMINATED TEMPORARY WELL LOCATION
- STORM SEWER w/MANHOLE (APPROX. LOCATION)
- - - - - STREAM CHANNEL
- - - - - 001 OUTFALL PIPE

NOTE: PERMANENT DUAL COMPLETION MONITORING WELLS WERE INSTALLED AT TW03 (KC91-183) AND TW10 (KC92-188).



KC809A
REV 2/10/93

Figure 5.104

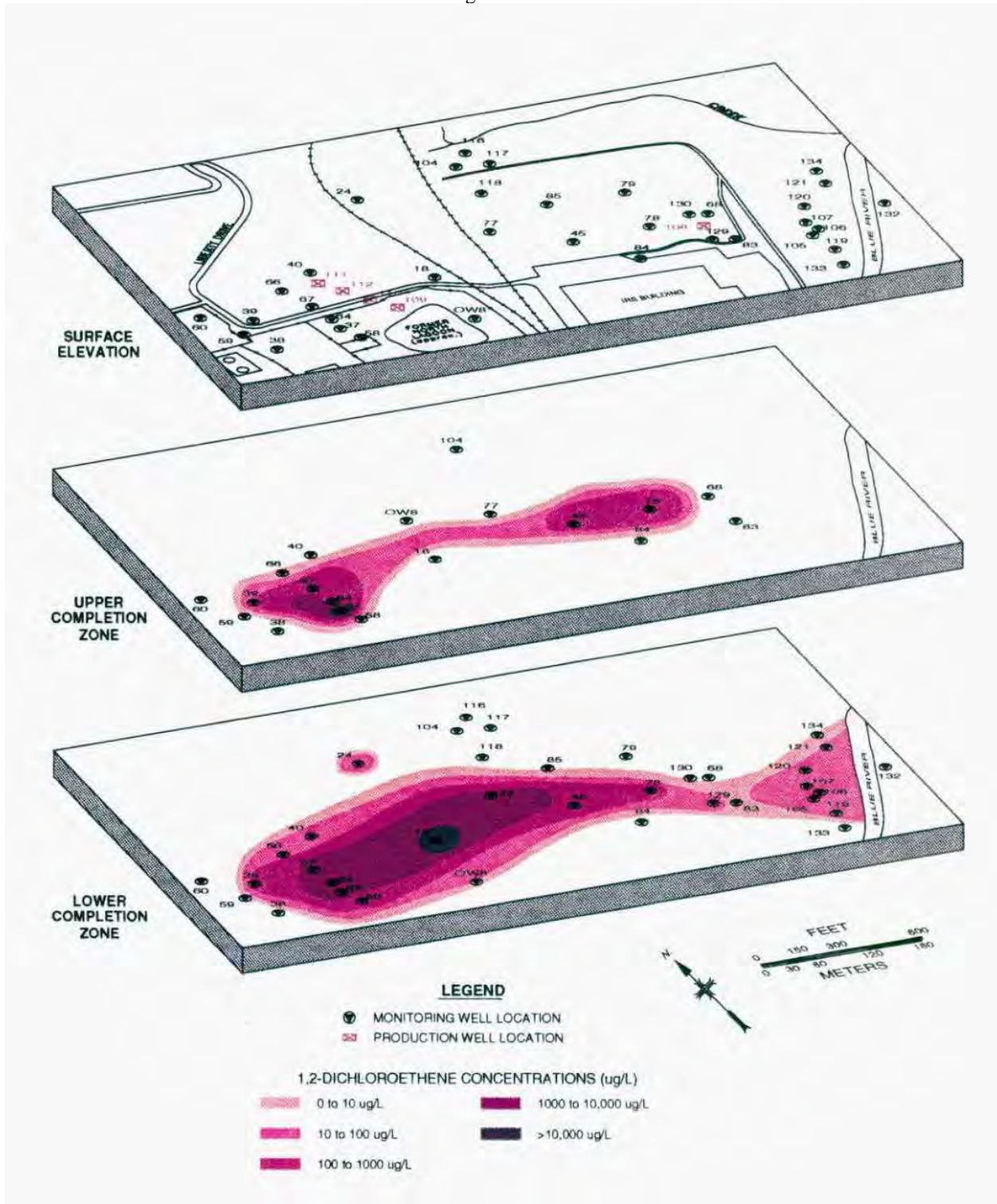


Figure 5.105

1,2-DICHLOROETHENE CONCENTRATIONS (ug/L)

UPPER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
018	5.0U	5.0U	5.0U	5.0u
037	19000	5100	25000	NA
038	5.0U	5.0U	5.0U	5.0U
039	NA	NA	93.0	290.0
040	NA	NA	5.0U	NA
045	NA	NA	310.0	410.0
058	NA	NA	26.0	NA
059	5.0U	5.0U	5.0U	5.0U
060	5.0U	5.0U	5.0U	5.0U
064	NA	NA	680.0	550.0
066	9.0	5.0U	5.0U	8.0
067	520.0	640.0	910.0	540.0
068	NA	NA	5.0U	NA
077	5.0U	5.0U	5.0U	5.0U
078	NA	NA	570.0	NA
083	-	-	-	-
084	NA	NA	25.0U	5.0U
104	NA	NA	5.0U	NA

LOWER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
OW8	NA	NA	16.0	NA
018	2000	11000	15000	20000
024	17.0	12.0	21.0	24.0
037	2800	3100	1800	420.0
038	5.0U	5.0U	5.0U	5.0U
039	NA	NA	126.0	1000
040	14.0	8.0	8.0	8.0
045	120.0	130.0	230.0	290.0
058	NA	NA	820.0	NA
059	5.0U	5.0U	5.0U	5.0U
060	5.0U	5.0U	5.0U	5.0U
064	NA	NA	2500	2000
066	74.0	73.0	63.0	95.0
067	3800	4800	6200	4000
068	5.0U	5.0U	5.0U	NA
077	1300	2000	2100	320.0
078	NA	NA	530.0	320.0
079	5.0U	5.0U	5.0U	NA
083	18.0	12.0	8.0	5.0U
084	5.0U	5.0U	5.0U	NA
085	5.0U	5.0U	5.0U	5.0U
104	NA	NA	5.0U	NA
105	NA	NA	13.0	NA
106	62.0	75.0	63.0	NA

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
107	NA	NA	29.0	NA
116	5.0U	5.0U	5.0U	NA
117	NA	NA	5.0U	NA
118	5.0U	5.0U	5.0U	38.0
119	NA	NA	37.0	NA
120	NA	NA	19.0	NA
121	NA	NA	10.0	NA
129	NA	NA	38.0	NA
130	NA	NA	5.0U	NA
132	NA	NA	25.0U	5.0U
133	5.0U	5.0U	5.0U	5.0U
134	5.0U	5.0U	5.0U	5.0U

NA: not analyzed
 5.0U: detection limit/undetected

Contoured data denoted by highlighted rectangles in tables above.

Figure 5.106

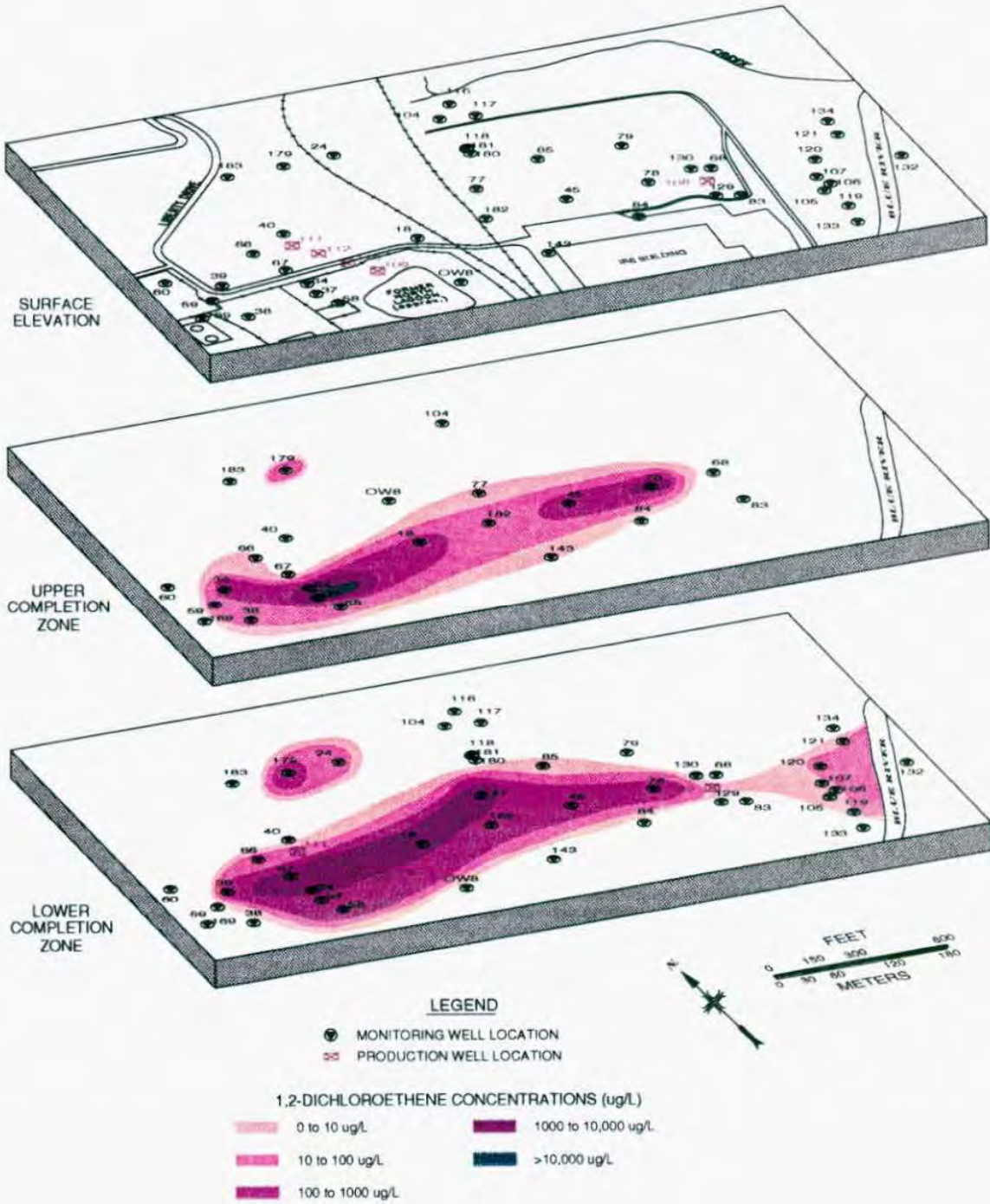


Figure 5.107

1,2-DICHLOROETHENE CONCENTRATIONS (ug/L)

UPPER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
018	5.0U	NA	120.0	5.0U
037	19000	16000	17000	NA
038	5.0U	5.0U	10.0	27.0
039	160.0	100.0	190.0	NA
040	5.0U	NA	5.0U	NA
045	NA	NA	420.0	NA
058	9.0	17.0	24.0	NA
059	NA	NA	10.0	5.0U
060	5.0U	NA	5.0U	NA
064	1400	NA	1200	NA
066	6.0	5.0U	6.0	NA
067	300.0	NA	5.0U	280.0
068	NA	NA	5.0U	NA
077	6.0	NA	7.0	NA
078	NA	NA	1400	NA
083	-	-	-	-

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
084	5.0U	5.0U	5.0U	NA
104	5.0U	NA	5.0U	NA
143	5.0U	5.0U	6.0	5.0U
169	25.0U	5.0U	5.0U	NA
179	21.0	13.0	19.0	10.0
182	90.0	NA	87.0	NA
183	5.0U	5.0U	5.0U	5.0U

LOWER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
OW8	NA	NA	NA	NA
018	75000	12000	7500	NA
024	25.0	NA	23.0	14.0
037	390.0	520.0	570.0	NA
038	5.0U	5.0U	5.0U	NA
039	680.0	500.0	860.0	NA
040	6.0	NA	5.0U	NA
045	NA	NA	310.0	NA
058	160.0	750.0	710.0	NA
059	NA	NA	5.0U	NA
060	5.0U	NA	5.0U	NA
064	1100	NA	8100	NA
066	40.0	43.0	70.0	NA
067	4500	3700	2900	NA
068	NA	NA	5.0U	NA
077	1300	NA	1200	980.0
078	NA	NA	1500	NA
079	5.0U	5.0U	5.0U	5.0U
083	5.0U	5.0U	5.0U	NA
084	5.0U	5.0U	5.0U	NA
085	5.0U	5.0U	6.0	5.0U
104	5.0U	NA	5.0U	NA
105	NA	NA	8.0	NA
106	49.0	NA	NA	NA

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
107	NA	NA	NA	NA
116	NA	NA	NA	NA
117	5.0U	NA	NA	NA
118	5.0U	NA	5.0U	NA
119	56.0	NA	52.0	NA
120	NA	NA	15.0	NA
121	17.0	NA	17.0	NA
129	NA	NA	NA	NA
130	NA	NA	NA	NA
132	NA	NA	5.0U	NA
133	5.0U	5.0U	5.0U	5.0U
134	5.0U	5.0U	5.0U	5.0U
143	5.0U	5.0U	5.0U	5.0U
169	5.0	5.0U	5.0U	NA
179	300.0	300.0	240.0	200.0
180	NA	NA	NA	NA
181	NA	NA	NA	NA
182	720.0	NA	760.0	NA
183	5.0U	5.0U	5.0U	5.0U

NA: not analyzed
 5.0U: detection limit/undetected

Contoured data denoted by shaded rectangles in tables above.

Figure 5.108

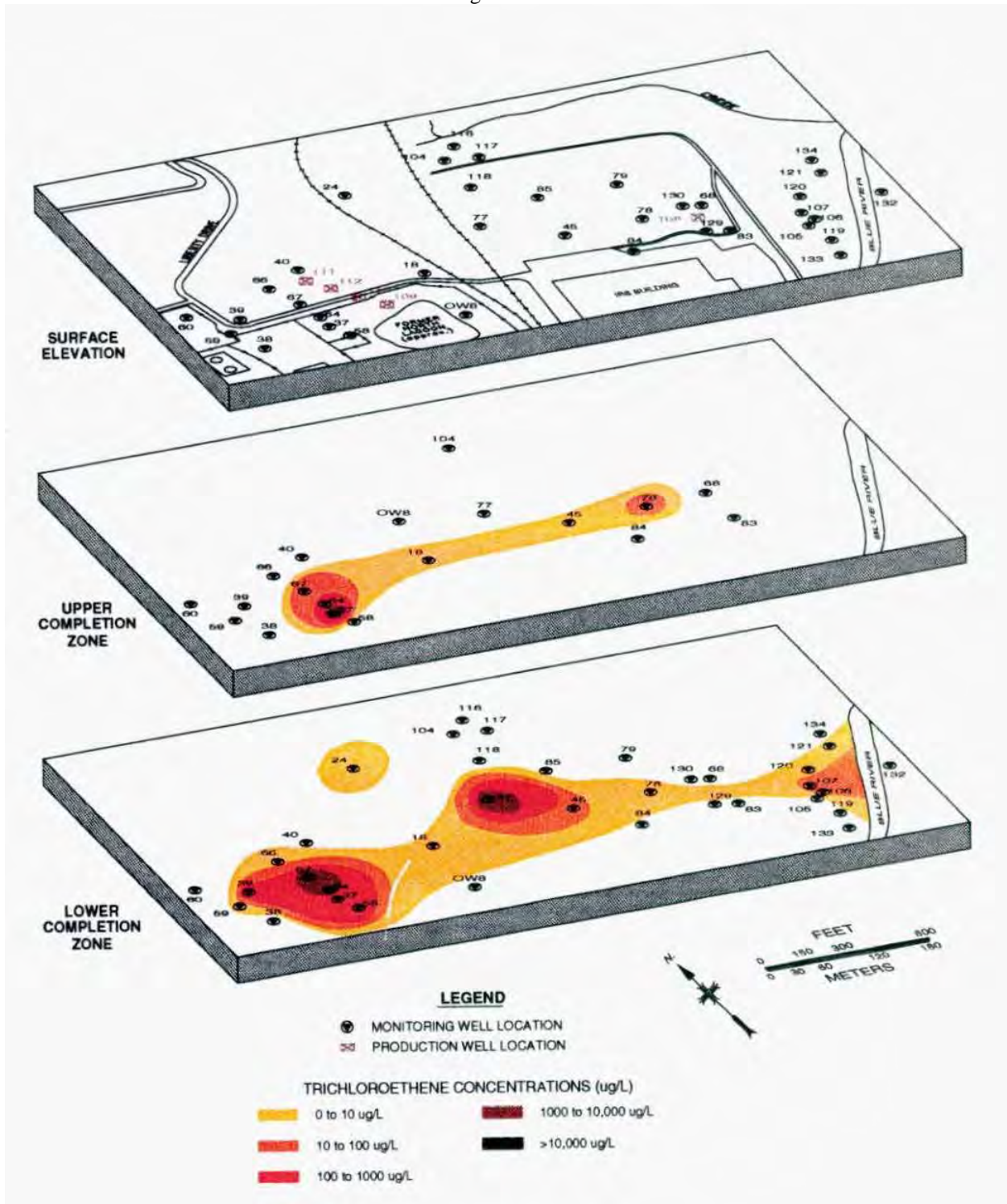


Figure 5.109

TRICHLOROETHENE CONCENTRATIONS (ug/L)

UPPER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
018	5.0U	5.0U	5.0U *	5.0U
037	3800	2600	5400	NA
038	5.0U	5.0U	5.0U	5.0U
039	NA	NA	5.0U	5.0U
040	NA	NA	5.0U	NA
045	NA	NA	5.0U *	53.0
058	NA	NA	5.0U	NA
059	5.0U	5.0U	5.0U	5.0U
060	5.0U	5.0U	5.0U	5.0U
064	NA	NA	310.0	140.0
066	5.0U	5.0U	5.0U	5.0U
067	5.0U	54.0	5.0U	5.0U
068	NA	NA	5.0U	NA
077	5.0U	5.0U	5.0U	5.0U
078	NA	NA	15.0	NA
083	-	-	-	-
084	NA	NA	5.0U	5.0U
104	NA	NA	5.0U	NA

LOWER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
OW8	NA	NA	5.0U	NA
018	5.0U	5.0U	6.0	5.0U
024	5.0U	5.0U	6.0	5.0U
037	730.0	870.0	360.0	5.0U
038	5.0U	5.0U	5.0U	5.0U
039	NA	NA	108.0	1300
040	5.0U	5.0U	5.0U	5.0U
045	51.0	60.0	80.0	64.0
058	NA	NA	290.0	NA
059	5.0U	7.0	7.0	5.0U
060	5.0U	5.0U	5.0U	5.0U
064	NA	NA	1200	1600
066	8.0	10.0	7.0	8.0
067	270.0	560.0	1500	280.0
068	5.0U	5.0U	5.0U	NA
077	1100	2200	2100	350.0
078	NA	NA	5.0	5.0U
079	5.0U	5.0U	5.0U	NA
083	5.0U	5.0U	5.0U	5.0U
084	5.0U	5.0U	5.0U	NA
085	5.0U	5.0U	5.0U	5.0U
104	NA	NA	5.0U	NA
105	NA	NA	6.0	NA
106	13.0	11.0	12.0	NA

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
107	NA	NA	10.0	NA
116	5.0U	5.0U	5.0U	NA
117	NA	NA	5.0U	NA
118	5.0U	5.0U	5.0U	190.0
119	NA	NA	6.0	NA
120	NA	NA	6.0	NA
121	NA	NA	5.0U	NA
129	NA	NA	5.0U	NA
130	NA	NA	5.0U	NA
132	NA	NA	5.0U	5.0U
133	5.0U	5.0U	5.0U	5.0U
134	5.0U	5.0U	5.0U	5.0U

NA: not analyzed
 5.0U: detection limit/undetected
 * : data not used in contouring

Contoured data denoted by highlighted rectangles in tables above.

Figure 5.110

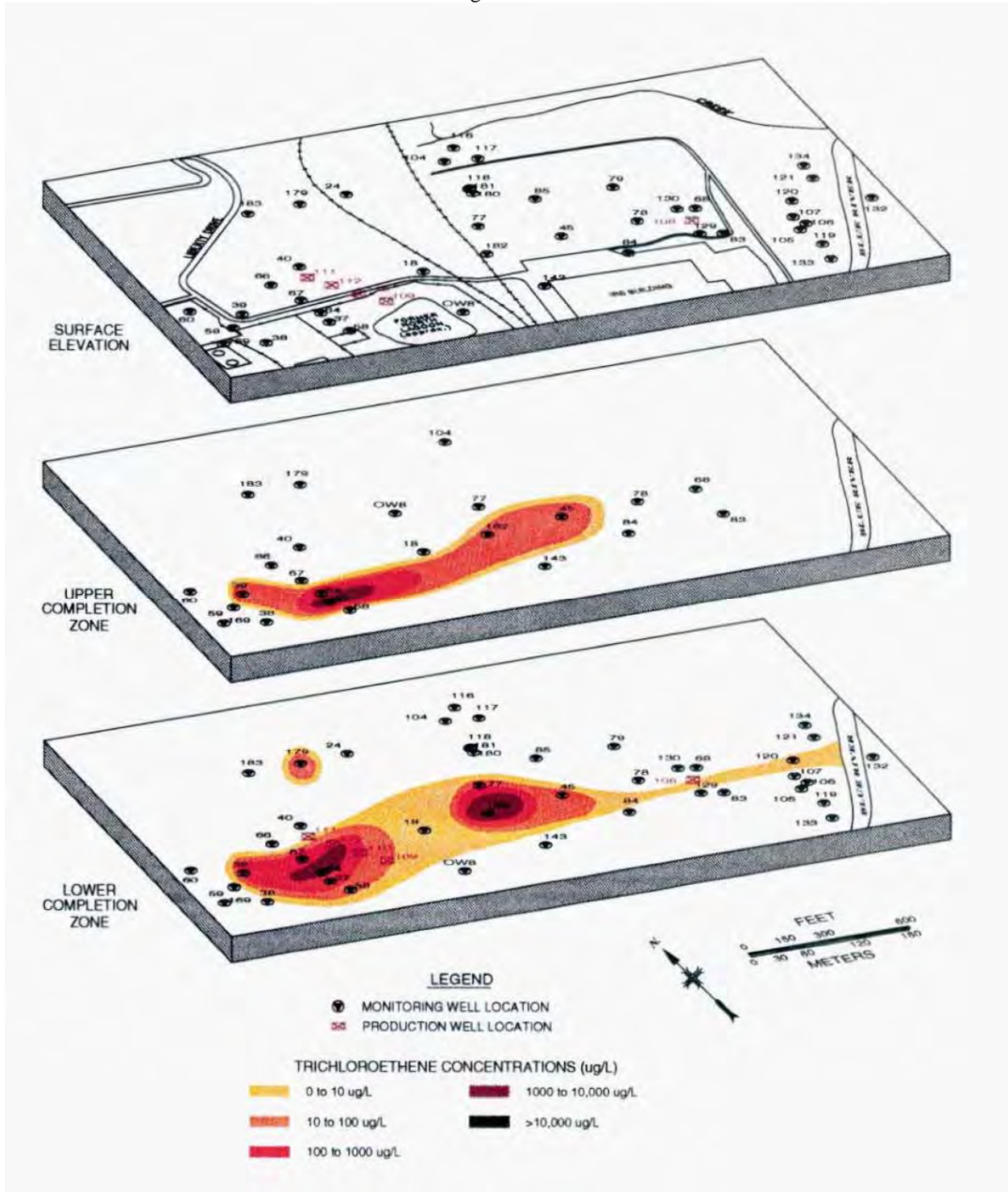


Figure 5.111

TRICHLOROETHENE CONCENTRATIONS (ug/L)

UPPER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR	WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
018	5.0U	NA	5.0U	5.0U	084	5.0U	5.0U	5.0U	NA
037	3500	1500	3100	NA	104	5.0U	NA	5.0U	NA
038	5.0U	5.0U	5.0U	5.0U	143	5.0U	5.0U	5.0U	5.0U
039	5.0U	5.0U	24.0	NA	169	25.0U	5.0U	5.0U	NA
040	5.0U	NA	5.0U	NA	179	5.0U	5.0U	5.0U	5.0U
045	NA	NA	13.0	NA	182	530.0	NA	490.0	NA
058	5.0U	5.0U	5.0U	NA	183	5.0U	5.0U	5.0U	5.0U
059	NA	NA	5.0U	5.0U					
060	5.0U	NA	5.0U	NA					
064	360.0	NA	150.0	NA					
066	5.0U	5.0U	5.0U	NA					
067	5.0U	NA	5.0U	15.0					
068	NA	NA	5.0U	NA					
077	5.0U	NA	5.0U	NA					
078	NA	NA	5.0U	NA					
083	-	-	-	-					

LOWER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR	WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
OW8	NA	NA	NA	NA	107	NA	NA	NA	NA
018	5.0U	5.0U	6.0	NA	116	NA	NA	NA	NA
024	5.0U	NA	5.0U	5.0U	117	5.0U	NA	NA	NA
037	13.0	170.0	110.0	NA	118	5.0U	NA	5.0U	NA
038	5.0U	5.0U	5.0U	NA	119	5.0U	NA	5.0U	NA
039	450.0	110.0	540.0	NA	120	NA	NA	5.0	NA
040	5.0U	NA	5.0U	NA	121	5.0U	NA	5.0U	NA
045	NA	NA	65.0	NA	129	NA	NA	NA	NA
058	22.0	460.0	30.0	NA	130	NA	NA	NA	NA
059	NA	NA	5.0U	NA	132	NA	NA	5.0U	NA
060	5.0U	NA	5.0U	NA	133	5.0U	5.0U	5.0U	5.0U
064	550.0	NA	4200	NA	134	5.0U	5.0U	5.0U	5.0U
066	5.0U	5.0U	5.0U	NA	143	5.0U	5.0U	5.0U	5.0U
067	760.0	75.0	990.0	NA	169	8.0	5.0U	5.0U	NA
068	NA	NA	5.0U	NA	179	32.0	35.0	35.0	26.0
077	470.0	NA	320.0	390.0	180	NA	NA	NA	NA
078	NA	NA	5.0U	NA	181	NA	NA	NA	NA
079	5.0U	5.0U	5.0U	5.0U	182	3000	NA	2100	NA
083	5.0U	5.0U	5.0U	NA	183	5.0U	5.0U	5.0U	5.0U
084	5.0U	5.0U	5.0U	NA					
085	5.0U	5.0U	5.0U	5.0U					
104	5.0U	NA	5.0U	NA					
105	NA	NA	5.0U	NA					
106	9.0	NA	NA	NA					

NA: not analyzed
 5.0U: detection limit/undetected

Contoured data denoted by shaded rectangles in tables above.

Figure 5.112

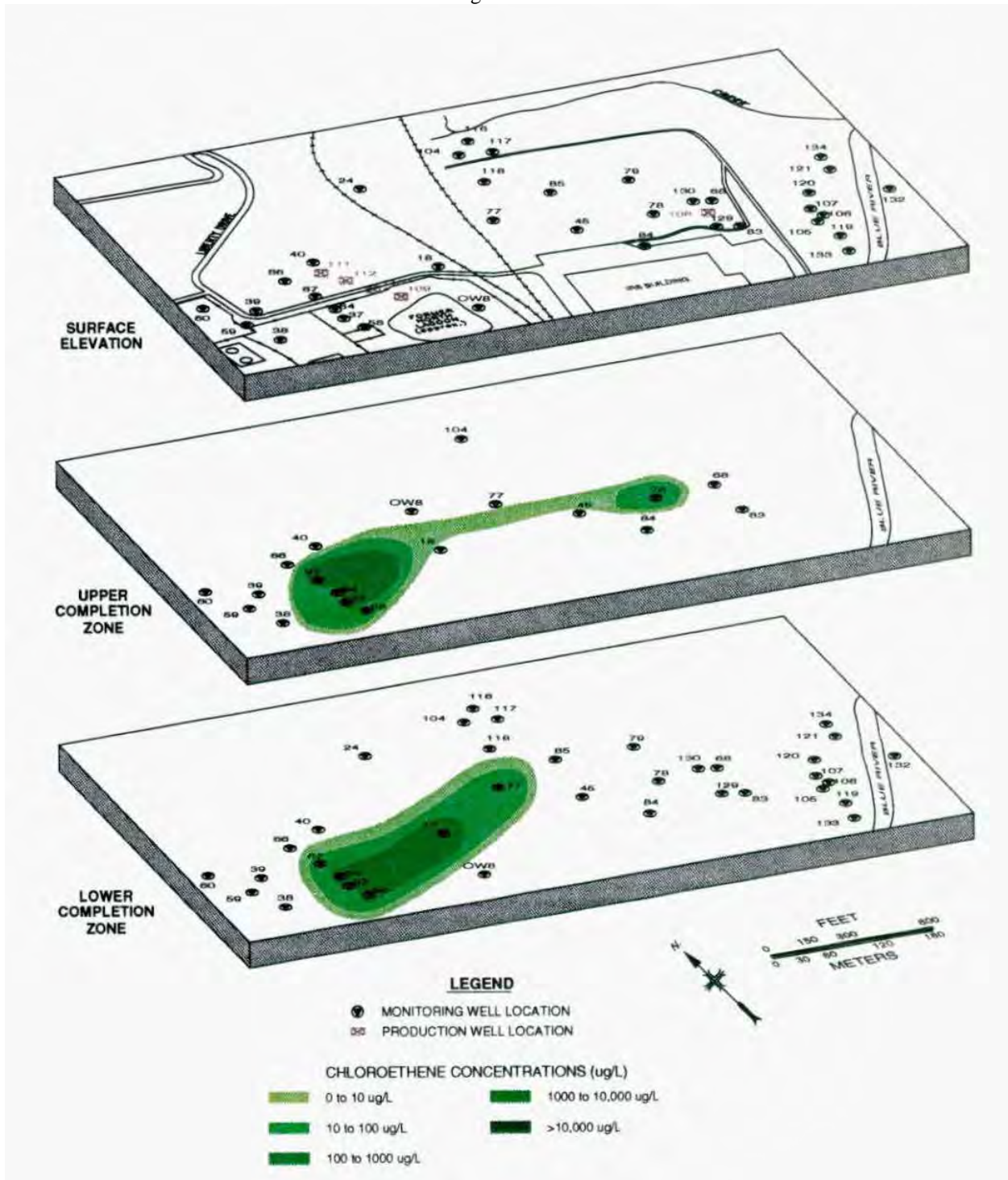


Figure 5.113

CHLOROETHENE CONCENTRATIONS (ug/L)

UPPER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
018	10.0U	10.0U	10.0U	10.0U
037	620.0	340.0	760.0	NA
038	10.0U	10.0U	10.0U	10.0U
039	NA	NA	10.0U	16.0
040	NA	NA	10.0U	NA
045	NA	NA	10.0U	10.0U
058	NA	NA	12.0	NA
059	10.0U	10.0U	10.0U	10.0U
060	10.0U	10.0U	10.0U	10.0U
064	NA	NA	50.0	76.0
066	10.0U	10.0U	10.0U	10.0U
067	130.0	55.0	120.0	150.0
068	NA	NA	10.0U	NA
077	10.0U	10.0U	10.0U	10.0U
078	NA	NA	11.0	NA
083	-	-	-	-
084	NA	NA	10.0U	10.0U
104	NA	NA	10.0U	NA

LOWER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
OW8	NA	NA	10.0U	NA
018	390.0	450.0	190.0	490.0
024	13.0	10.0U	10.0U	9.0
037	65.0	76.0	76.0	10.0U
038	10.0U	10.0U	10.0U	10.0U
039	NA	NA	10.0U	42.0
040	10.0U	10.0U	10.0U	10.0U
045	10.0U	10.0U	10.0U	10.0U
058	NA	NA	64.0	NA
059	10.0U	10.0U	10.0U	10.0U
060	10.0U	10.0U	10.0U	10.0U
064	NA	NA	140.0	210.0
066	12.0	10.0U	10.0U	10.0U
067	35.0	21.0	63.0	10.0U
068	10.0U	10.0U	10.0U	NA
077	7.0	10.0U	10.0	18.0
078	NA	NA	10.0U	57.0
079	10.0U	10.0U	10.0U	NA
083	10.0U	10.0U	10.0U	10.0U
084	10.0U	10.0U	10.0U	NA
085	10.0U	10.0U	10.0U	10.0U
104	NA	NA	10.0U	NA
105	NA	NA	10.0U	NA
106	10.0U	10.0U	10.0U	NA

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
107	NA	NA	10.0U	NA
116	10.0U	10.0U	10.0U	NA
117	NA	NA	10.0U	NA
118	10.0U	10.0U	10.0U	10.0U
119	NA	NA	10.0U	NA
120	NA	NA	10.0U	NA
121	NA	NA	10.0U	NA
129	NA	NA	10.0U	NA
130	NA	NA	10.0U	NA
132	NA	NA	10.0U	10.0U
133	10.0U	10.0U	10.0U	10.0U
134	10.0U	10.0U	10.0U	10.0U

NA: not analyzed
 10.0U: detection limit/undetected

Contoured data denoted by highlighted rectangles in tables above.

Figure 5.114

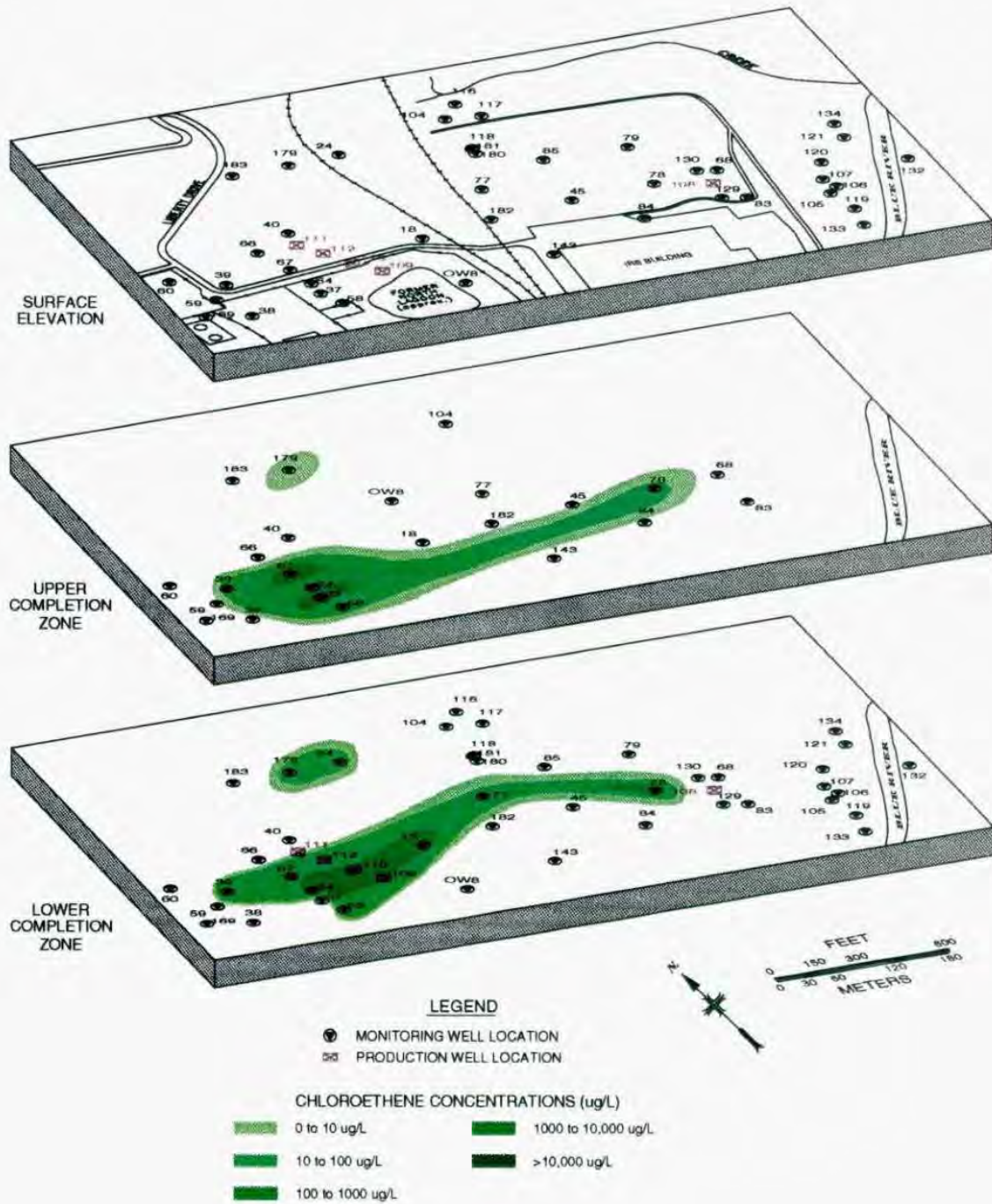


Figure 5.115

CHLOROETHENE CONCENTRATIONS (ug/L)

UPPER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
018	10.0U	NA	10.0U	10.0U
037	450.0	590.0	720.0	NA
038	10.0U	10.0U	10.0U	10.0U
039	10.0U	10.0U	16.0	NA
040	10.0U	NA	10.0U	NA
045	NA	NA	10.0U	NA
058	10.0	31.0	21.0	NA
059	NA	NA	10.0U	10.0U
060	10.0U	NA	10.0U	NA
064	160.0	NA	66.0	NA
066	10.0U	10.0U	10.0U	NA
067	94.0	NA	100.0	88.0
068	NA	NA	10.0U	NA
077	10.0U	NA	10.0U	NA
078	NA	NA	14.0	NA
083	-	-	-	-

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
084	10.0U	10.0U	10.0U	NA
104	10.0U	NA	10.0U	NA
143	10.0U	10.0U	10.0U	10.0U
169	50.0U	10.0U	10.0U	NA
179	10.0U	10.0U	6.0	10.0U
182	10.0U	NA	10.0U	NA
183	10.0U	10.0U	10.0U	10.0U

LOWER COMPLETIONS

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
OW8	NA	NA	NA	NA
018	1500	110.0	530.0	NA
024	10.0U	NA	12.0	11.0
037	23.0	10.0U	10.0U	NA
038	10.0U	10.0U	10.0U	NA
039	55.0	42.0	41.0	NA
040	10.0U	NA	10.0U	NA
045	NA	NA	10.0U	NA
058	110.0	72.0	59.0	NA
059	NA	NA	10.0U	NA
060	10.0U	NA	10.0U	NA
064	55.0	NA	710.0	NA
066	10.0U	10.0U	10.0U	NA
067	47.0	24.0	29.0	NA
068	NA	NA	10.0U	NA
077	11.0	NA	21.0	23.0
078	NA	NA	120.0	NA
079	10.0U	10.0U	10.0U	10.0U
083	10.0U	10.0U	10.0U	NA
084	10.0U	10.0U	10.0U	NA
085	10.0U	10.0U	10.0U	10.0U
104	10.0U	NA	10.0U	NA
105	NA	NA	10.0U	NA
106	10.0U	NA	NA	NA

WELL	1st QTR	2nd QTR	3rd QTR	4th QTR
107	NA	NA	NA	NA
116	NA	NA	NA	NA
117	10.0U	NA	NA	NA
118	10.0U	NA	10.0U	NA
119	10.0U	NA	10.0U	NA
120	NA	NA	10.0U	NA
121	10.0U	NA	10.0U	NA
129	NA	NA	NA	NA
130	NA	NA	NA	NA
132	NA	NA	10.0U	NA
133	10.0U	10.0U	10.0U	10.0U
134	10.0U	10.0U	10.0U	10.0U
143	10.0U	10.0U	10.0U	10.0U
169	10.0U	10.0U	10.0U	NA
179	28.0	26.0	38.0	61.0
180	NA	NA	NA	NA
181	NA	NA	NA	NA
182	10.0U	NA	10.0U	NA
183	10.0U	10.0U	10.0U	10.0U

NA: not analyzed
 10.0U: detection limit/undetected

Contoured data denoted by shaded rectangles in tables above.

Figure 5.116

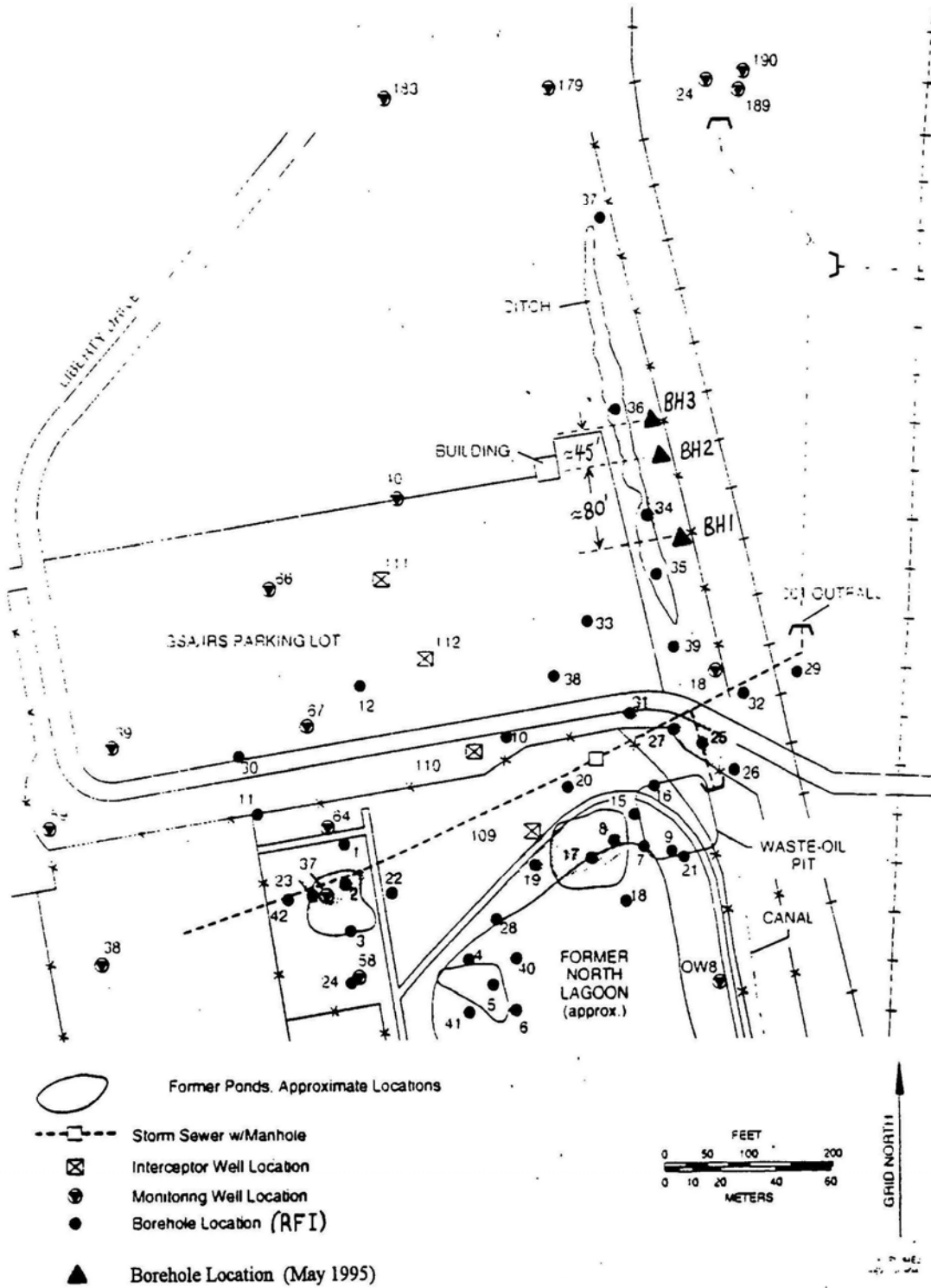
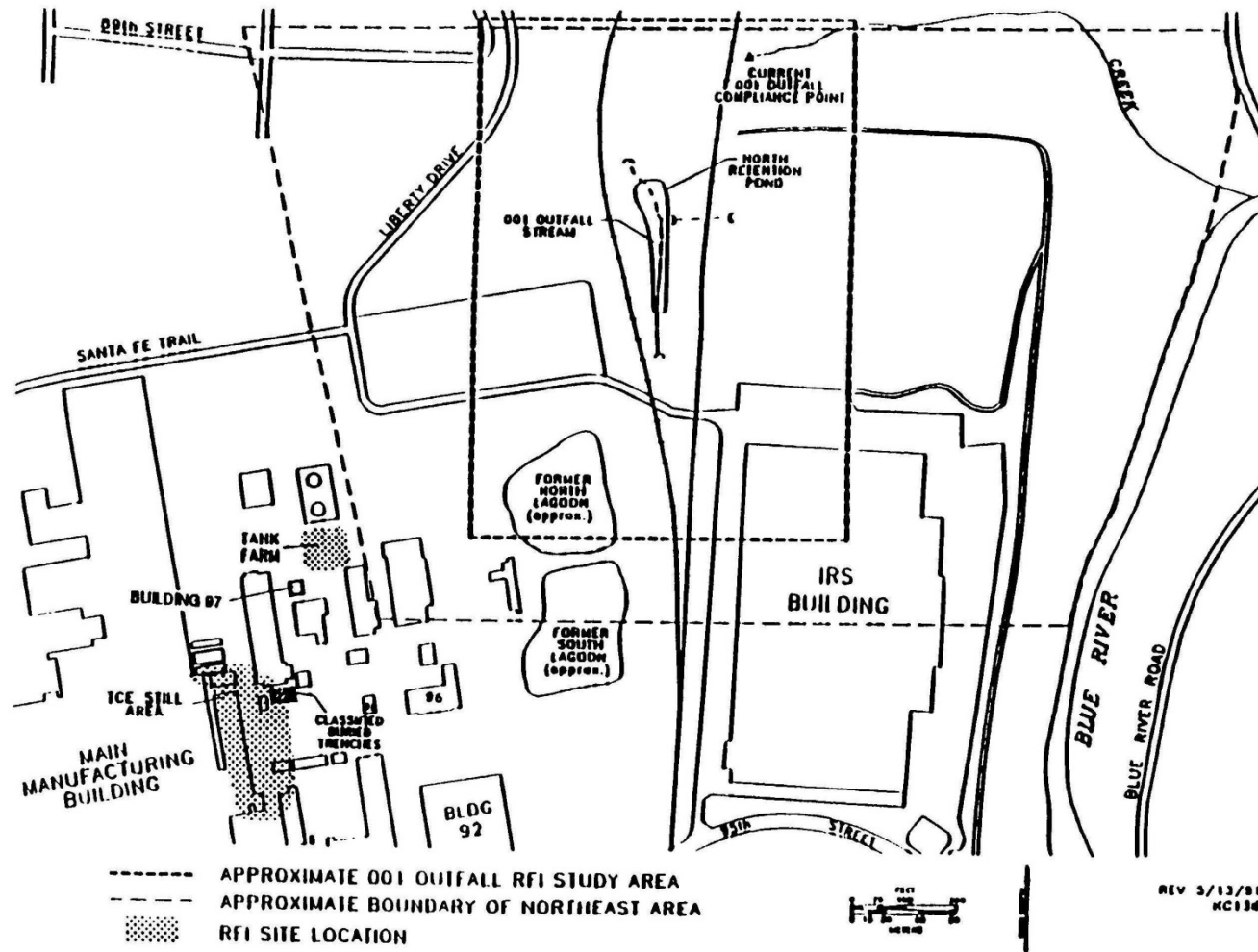


Figure 5.117



Source: 001 Outfall RCRA Facility Investigation Work Plan, May 1991

JE JACOBS ENGINEERING GROUP INC. <small>TITLE-1 31mm</small>	FIGURE DESCRIPTION Former and Current Location of 001 Outfall Compliance Points	SITE NAME/LOCATION DOE/KANSAS CITY PLANT KANSAS CITY, MISSOURI	DRAWN BY	DJK	DATE	06/24/91	JACOBS PROJECT NO.	10-E293-00
			CHECKED BY	CR	DATE	06/24/91	FIGURE NO.	1.3

Figure 5.118

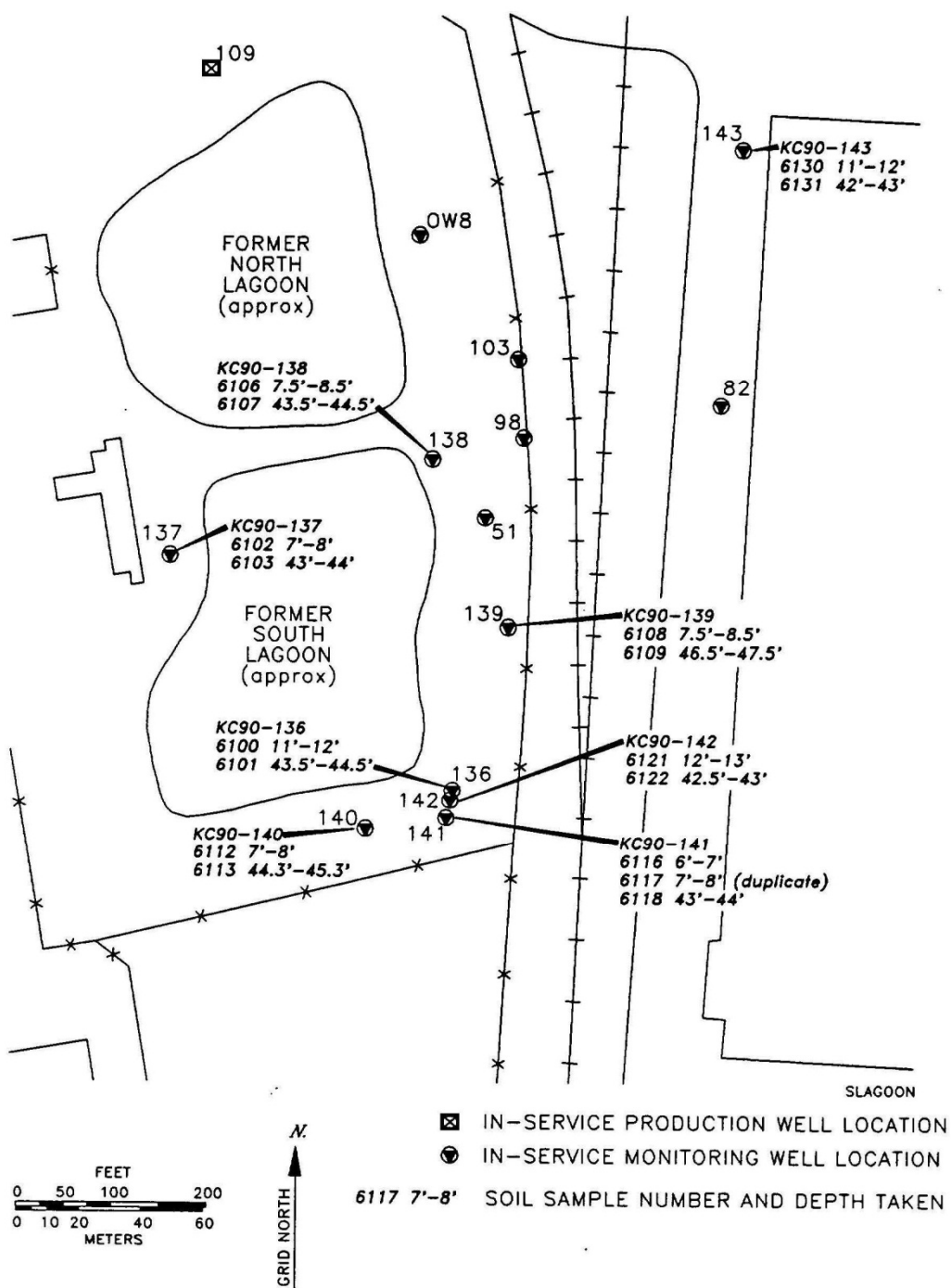


Figure 5.119

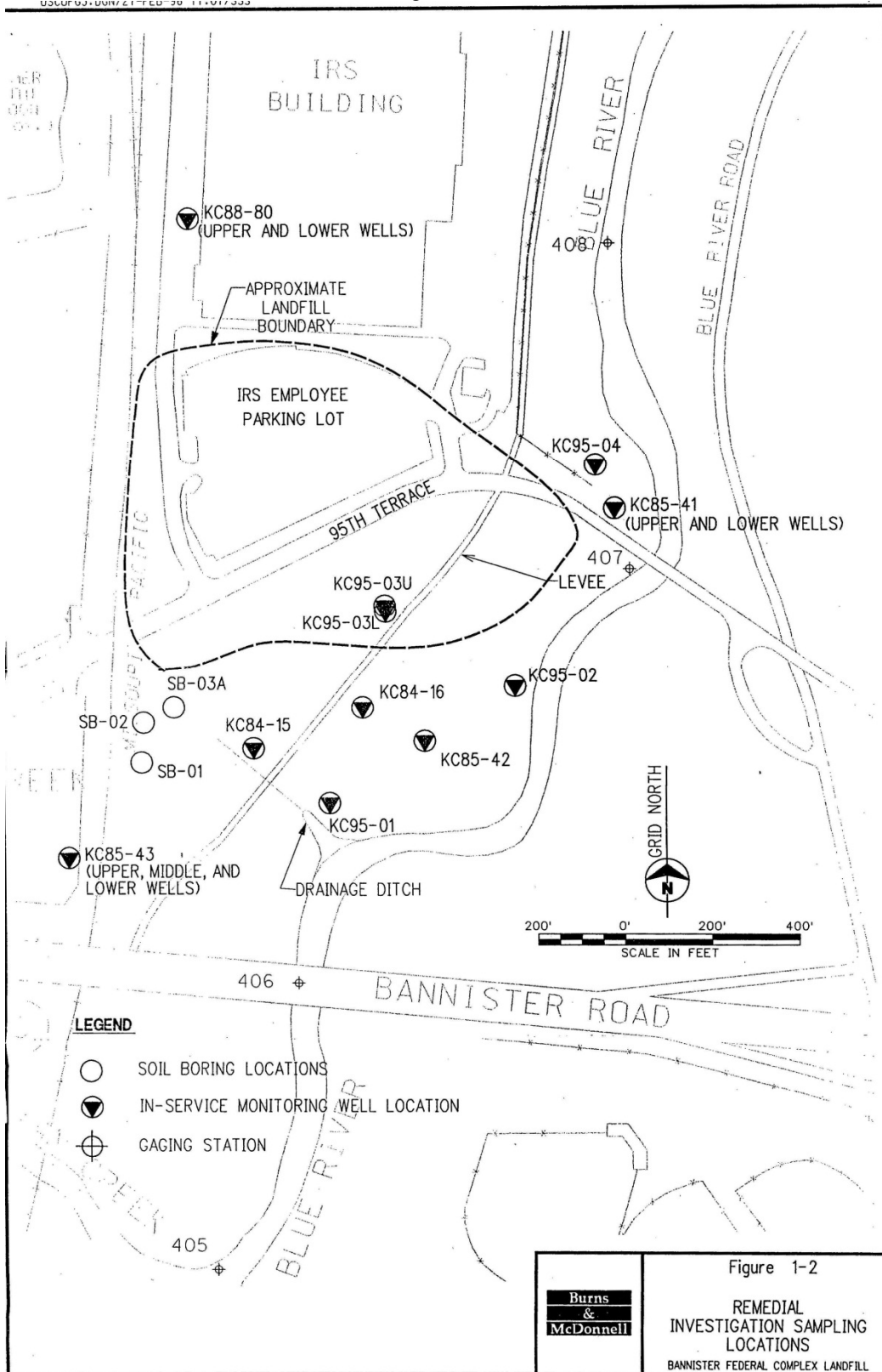


Figure 5.120

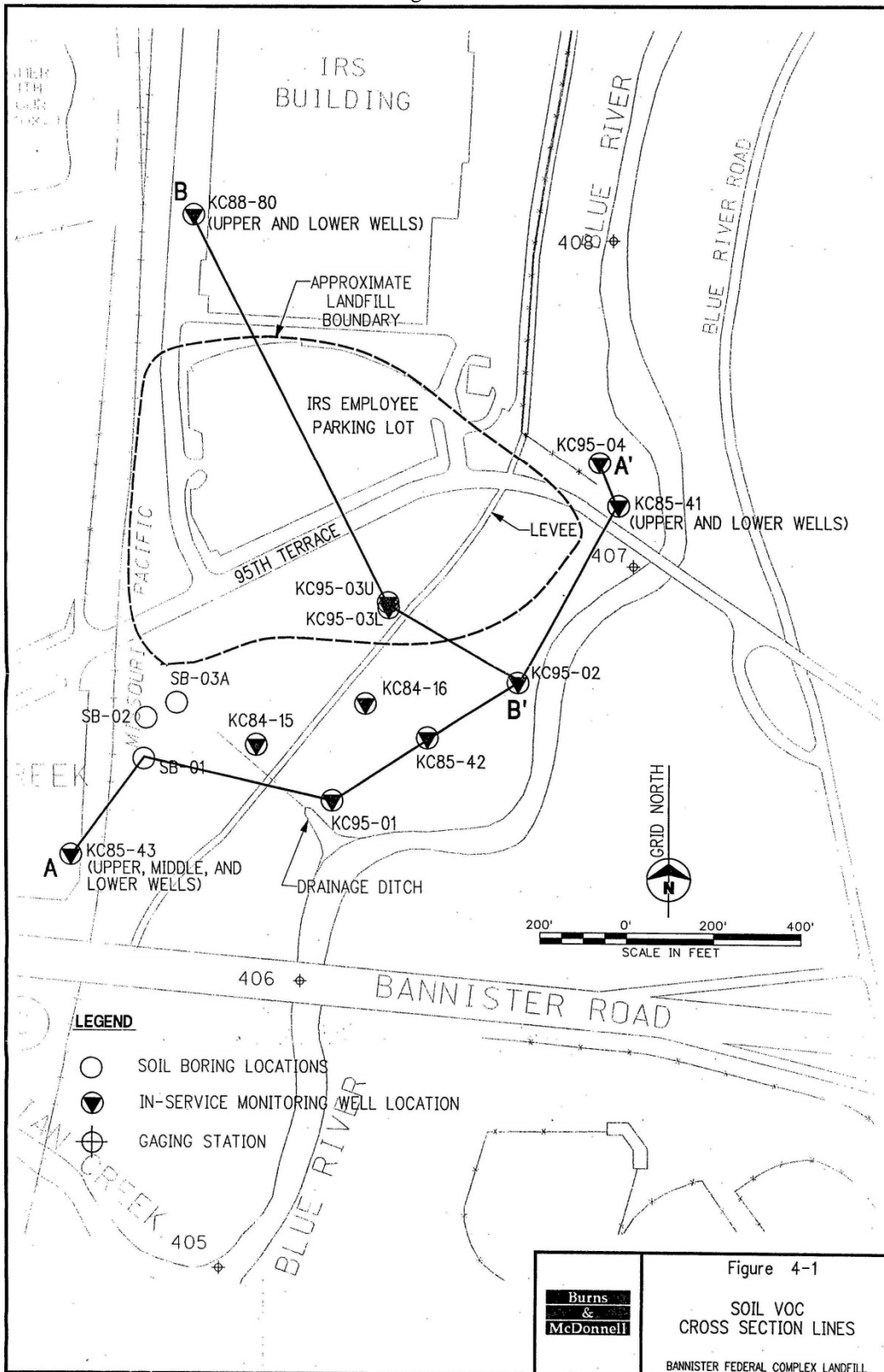


Figure 5.121

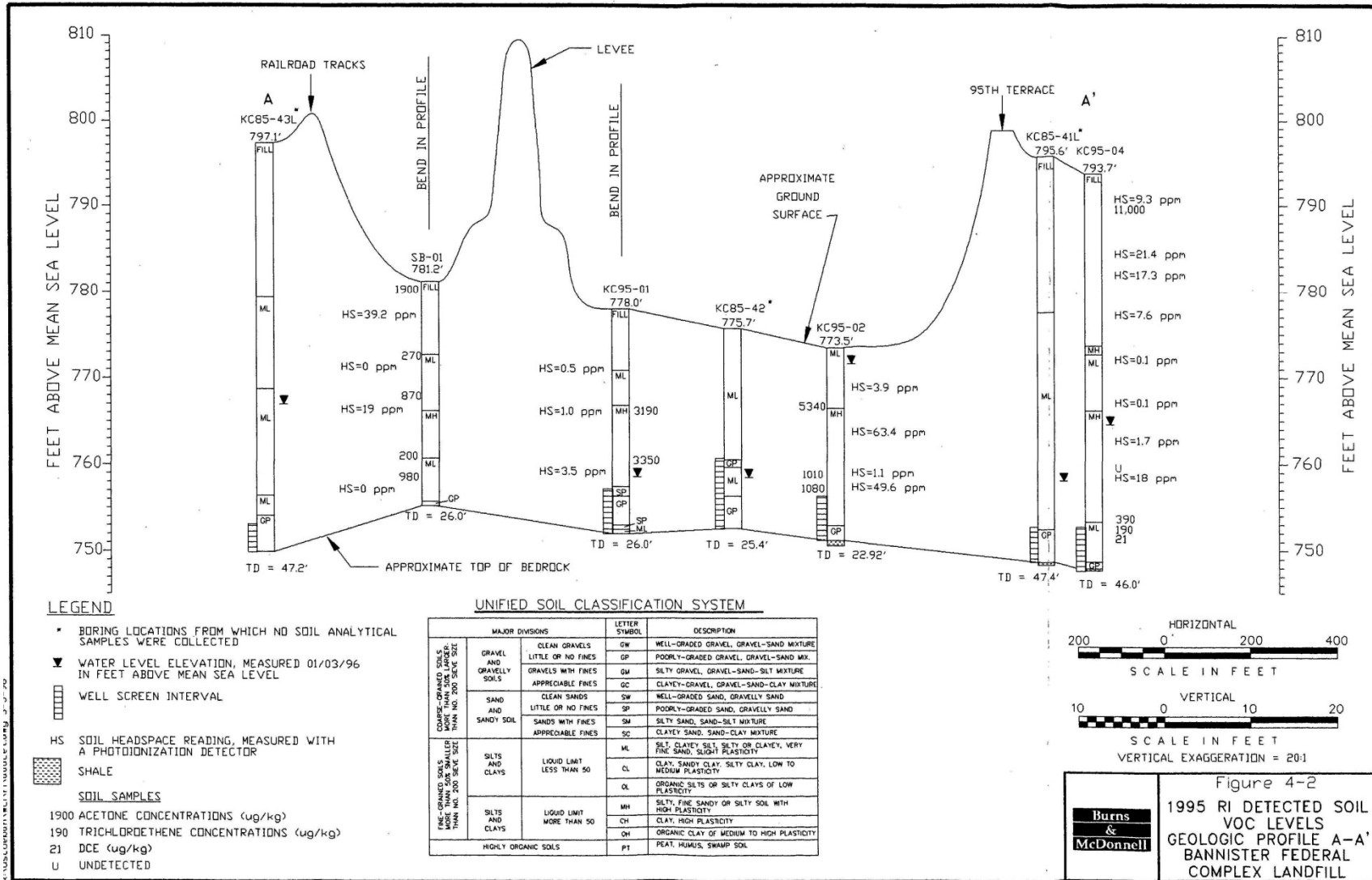


Figure 5.122

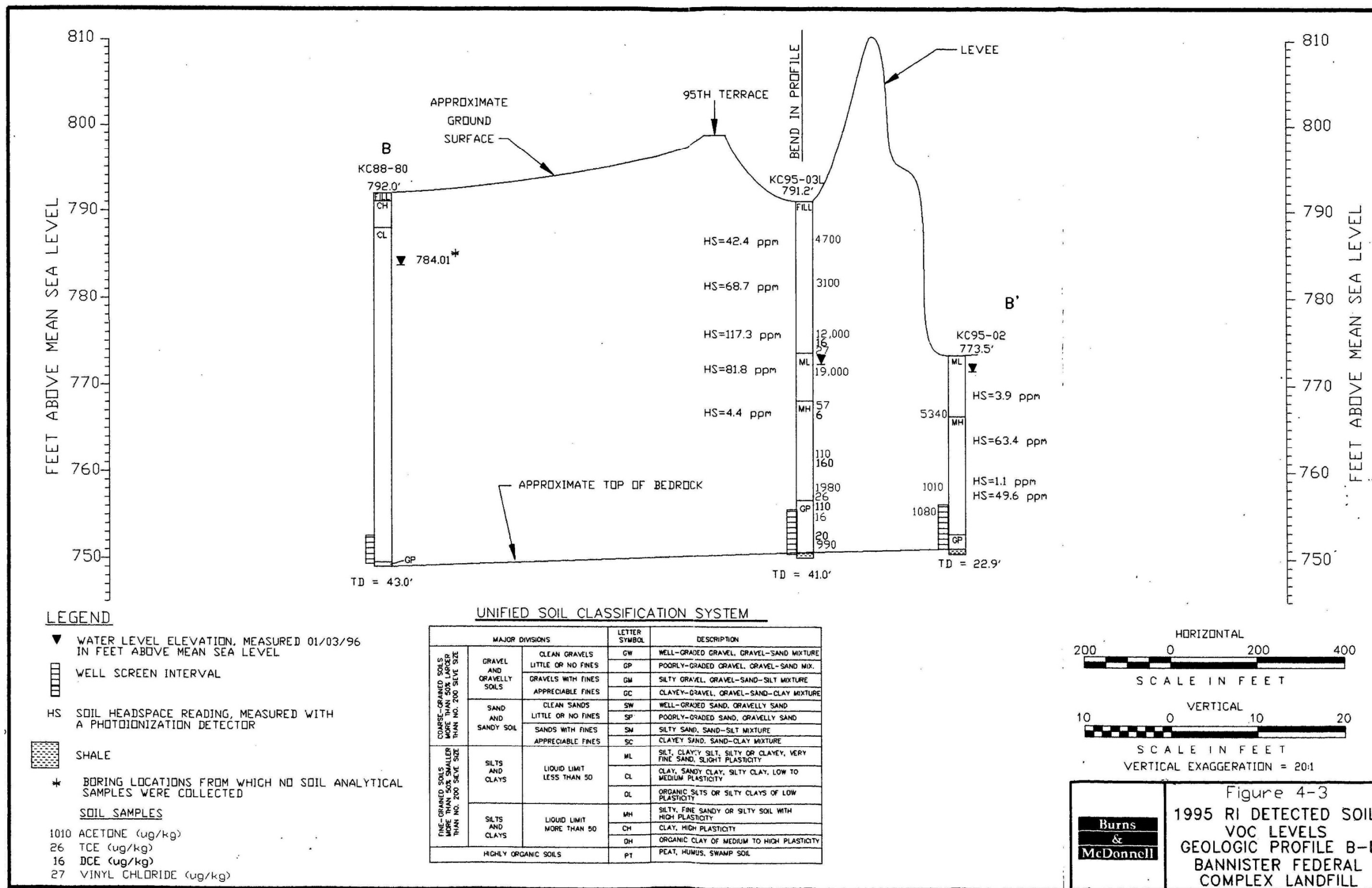
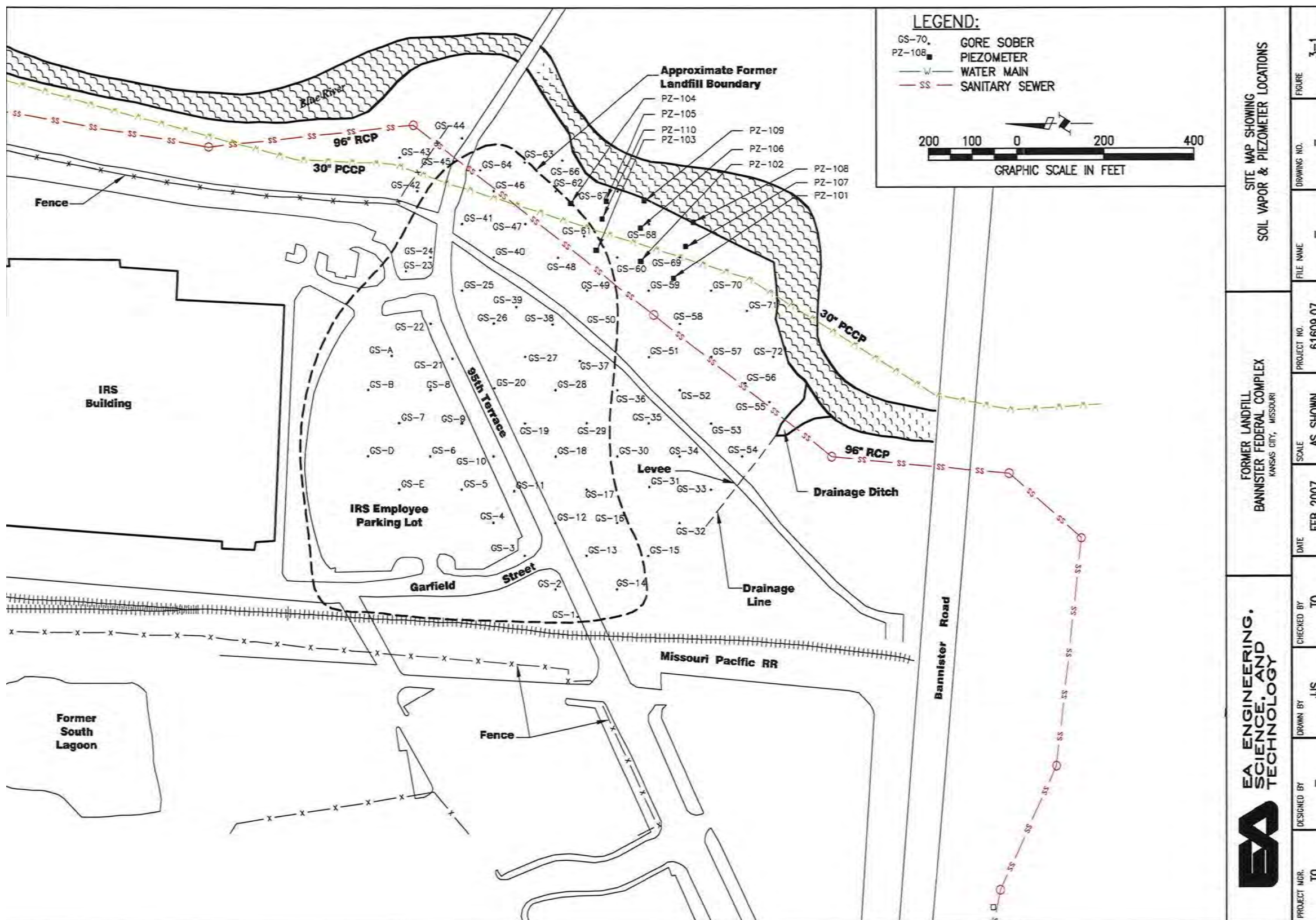


Figure 4-3
1995 RI DETECTED SOIL VOC LEVELS
GEOLOGIC PROFILE B-B'
BANNISTER FEDERAL COMPLEX LANDFILL

Figure 5.123



	DESIGNED BY	—	CHECKED BY	TO	DATE	FEB 2007	SCALE	AS SHOWN	PROJECT NO.	61609.07	FILE NAME	—	DRAWING NO.	—	FIGURE	3-1
	PROJECT MGR.	TO	DRAWN BY	JUS												
FORMER LANDFILL BANNISTER FEDERAL COMPLEX <small>KANSAS CITY, MISSOURI</small>																
SITE MAP SHOWING SOIL VAPOR & PIEZOMETER LOCATIONS																

Figure 5.124

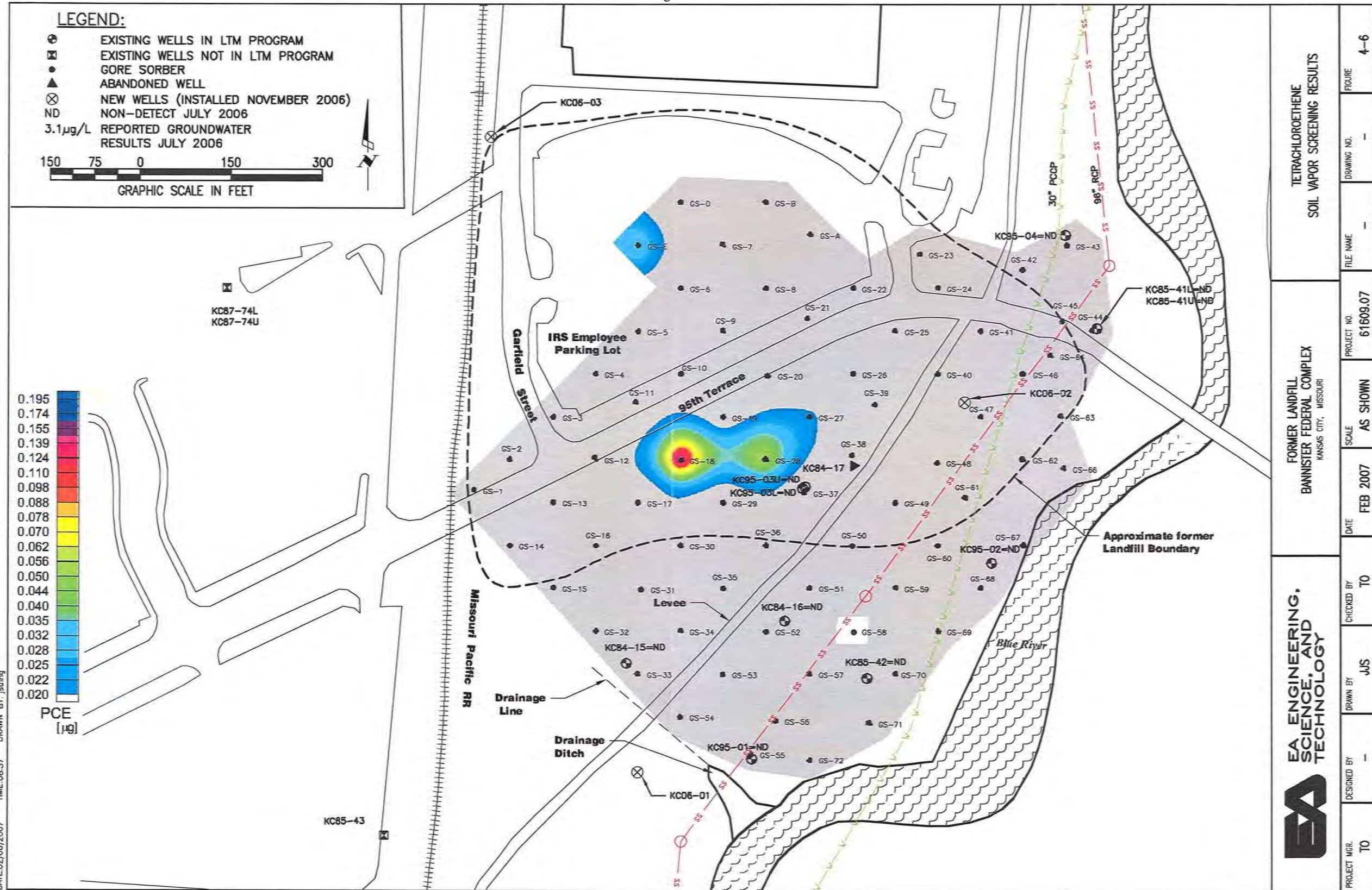


Figure 5.125

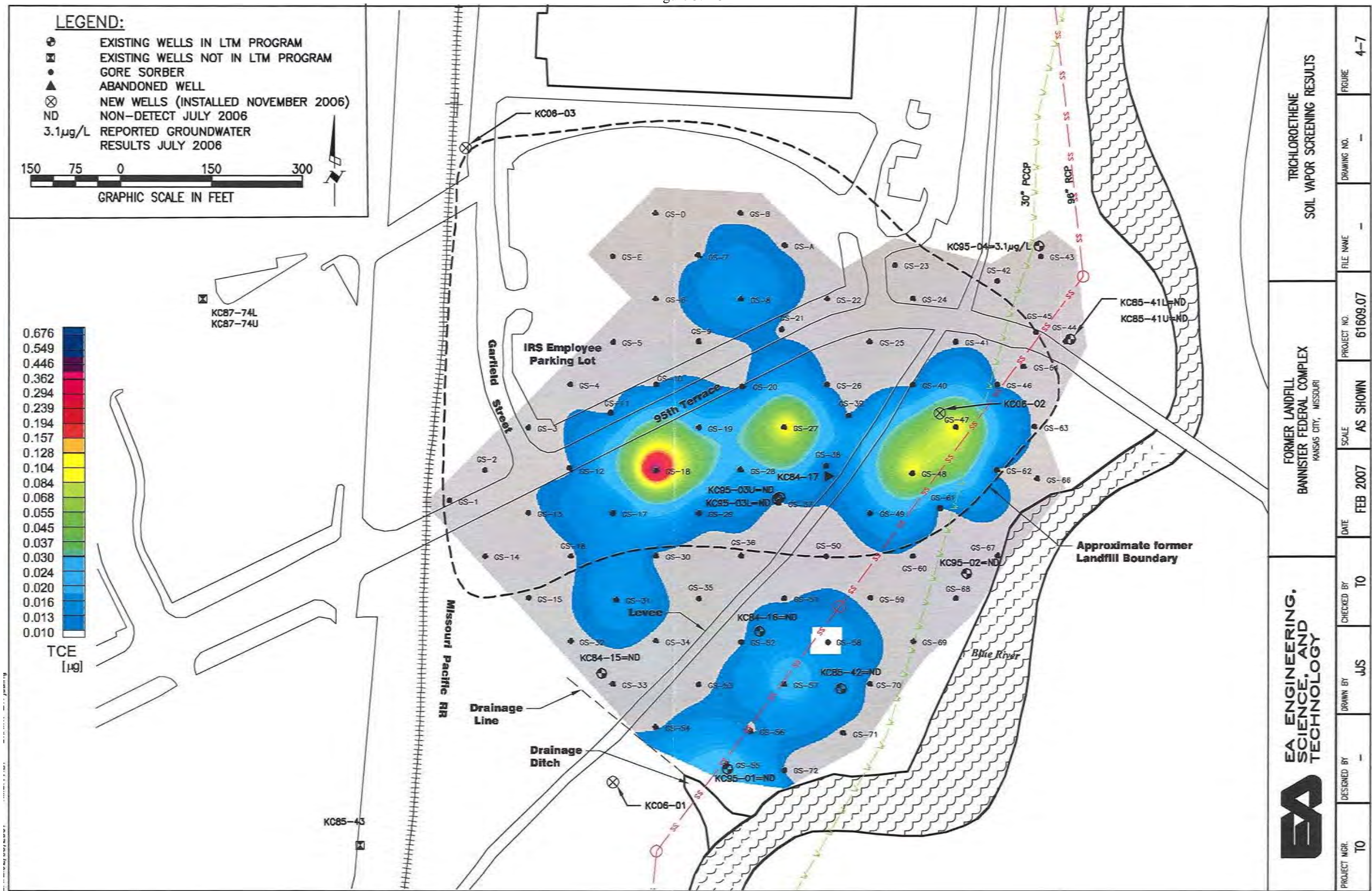


Figure 5.126

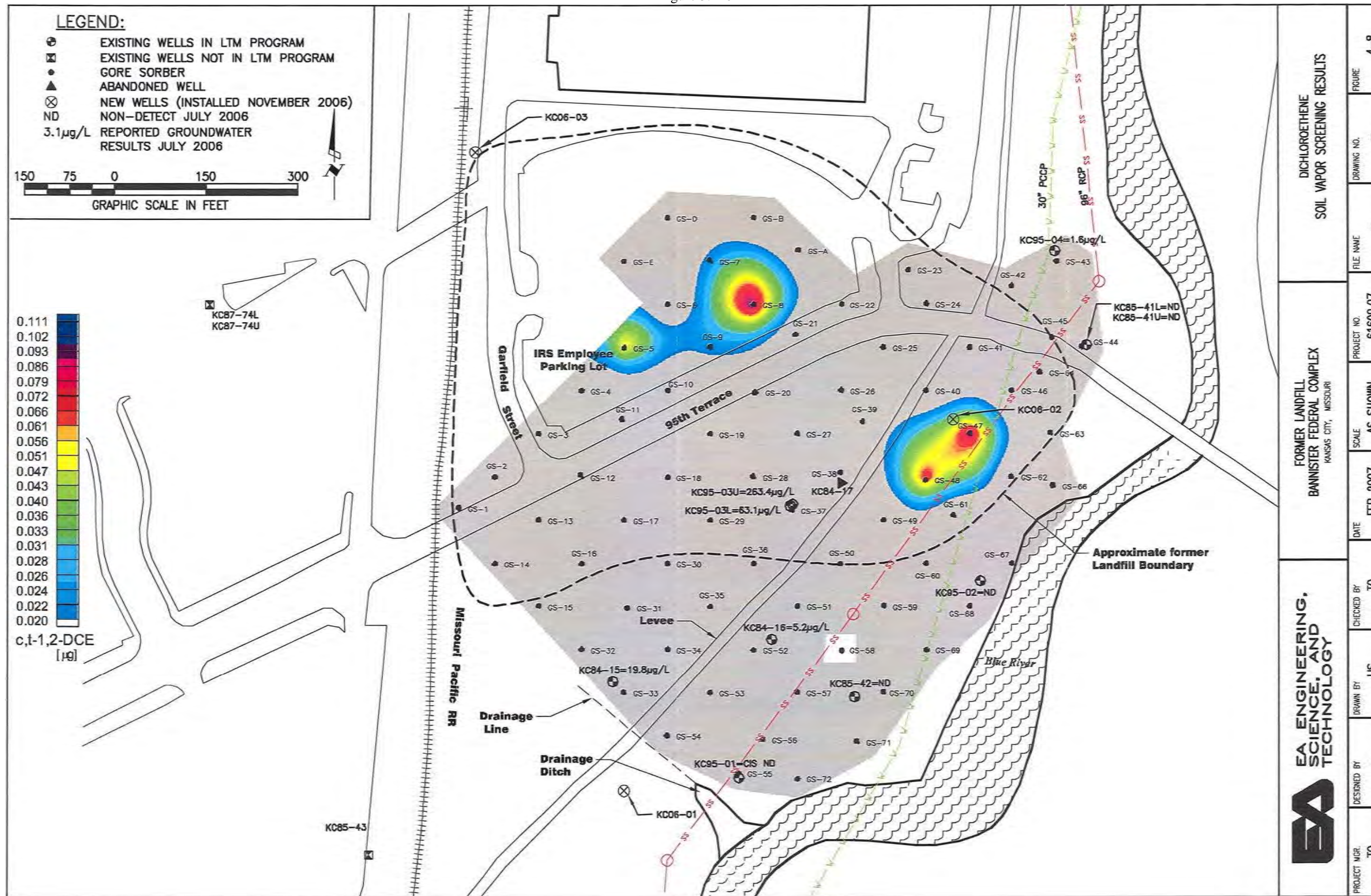


Figure 5.127

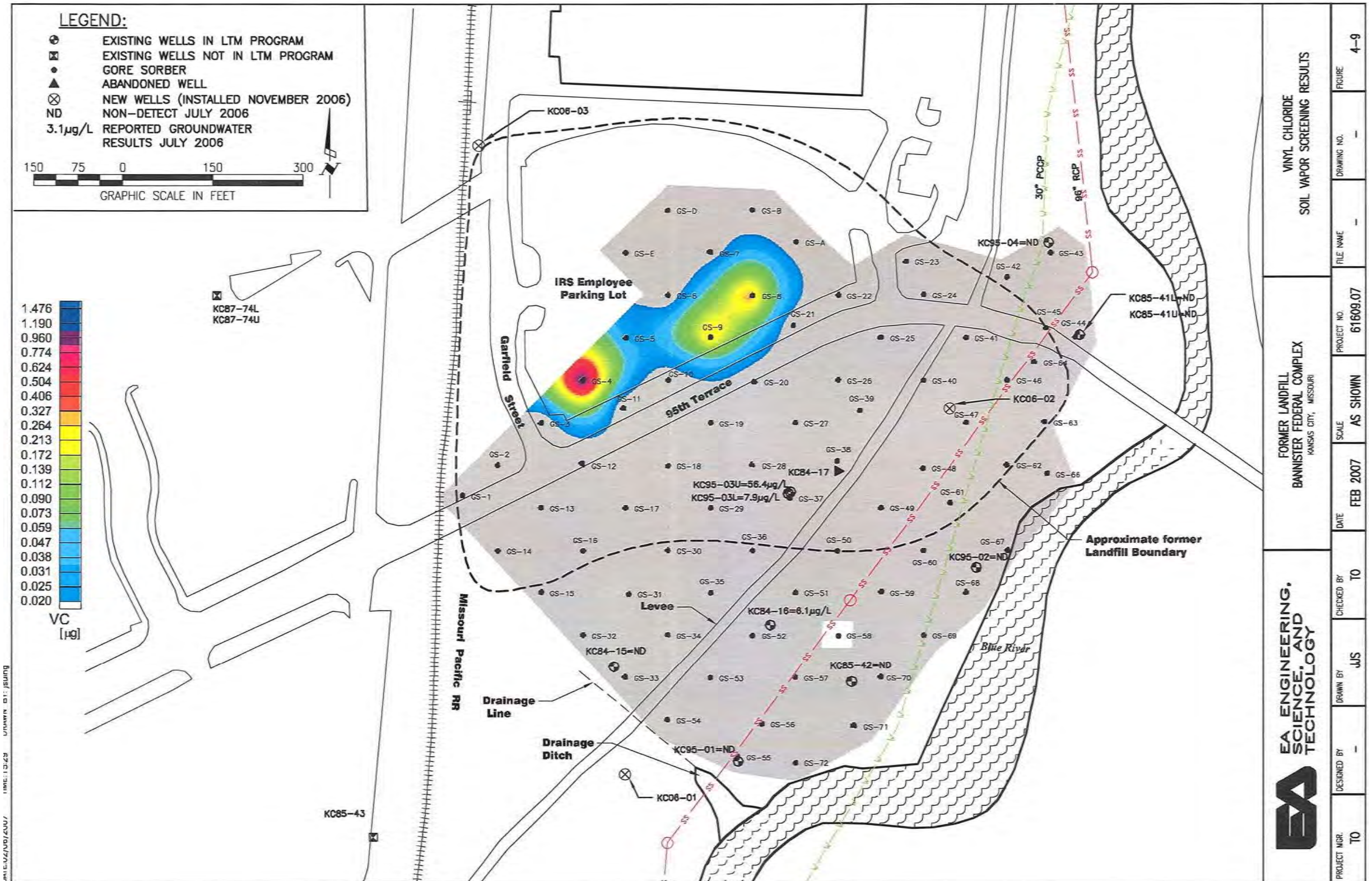


Figure 5.128

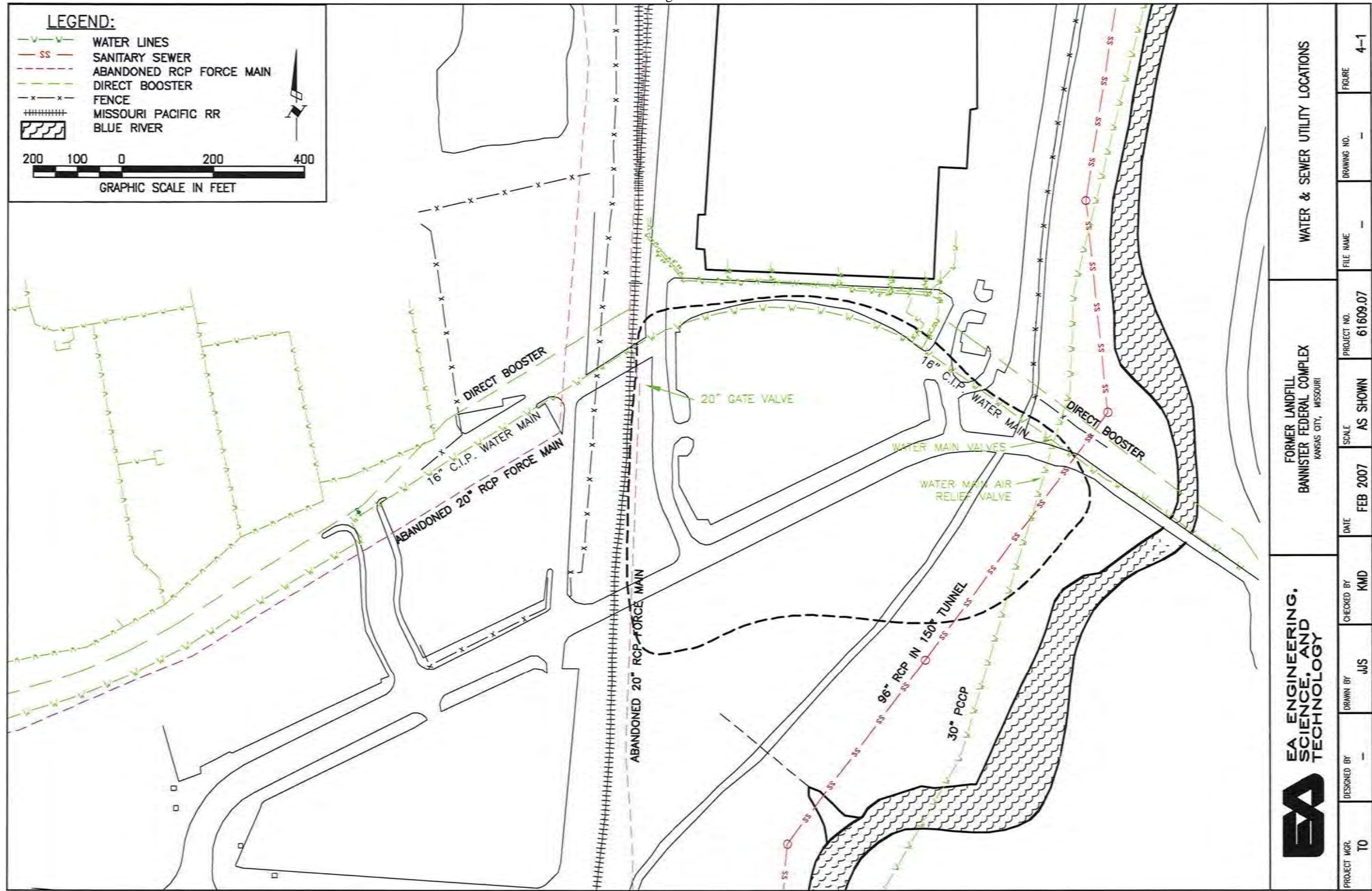


Figure 5.129

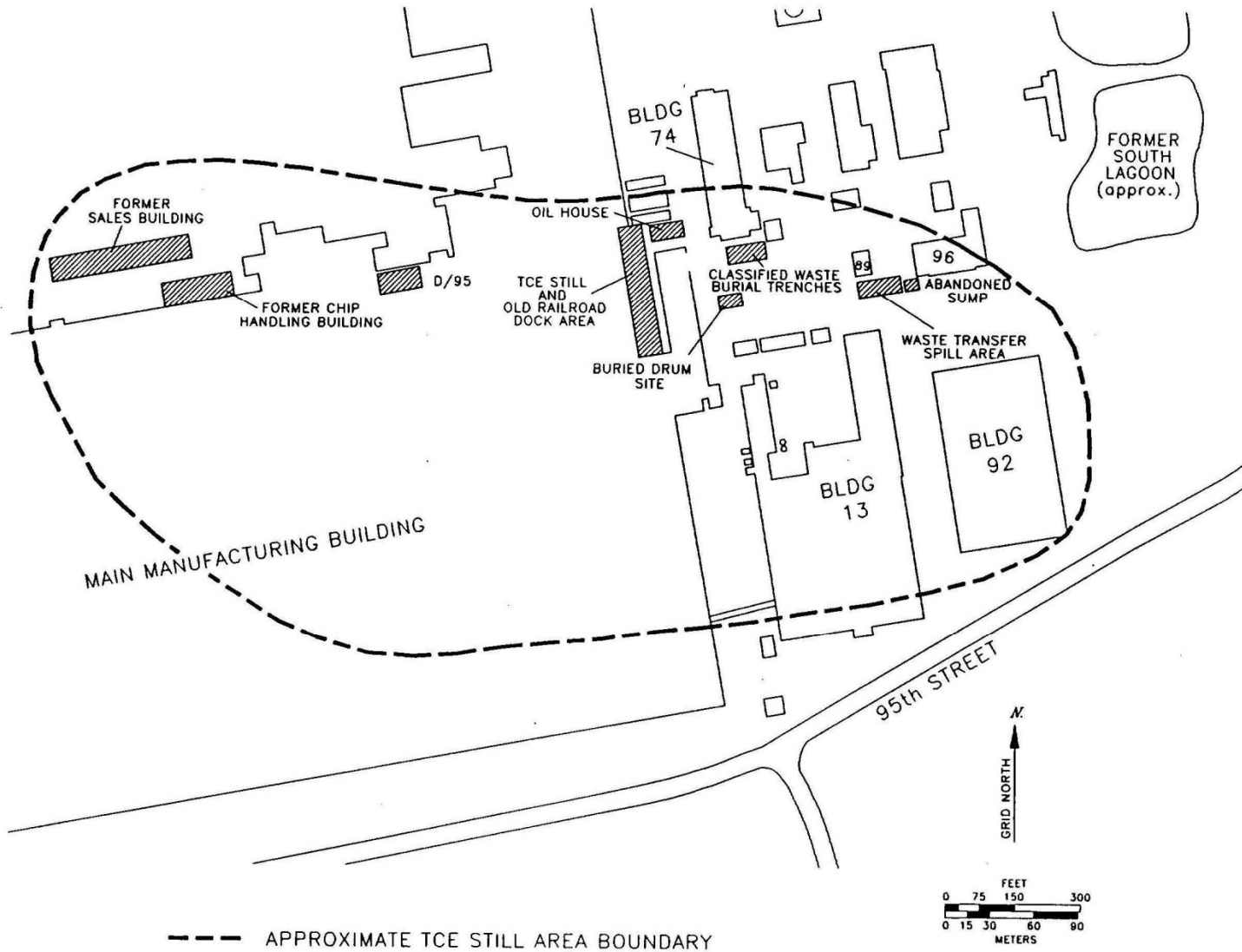


Figure 5.130

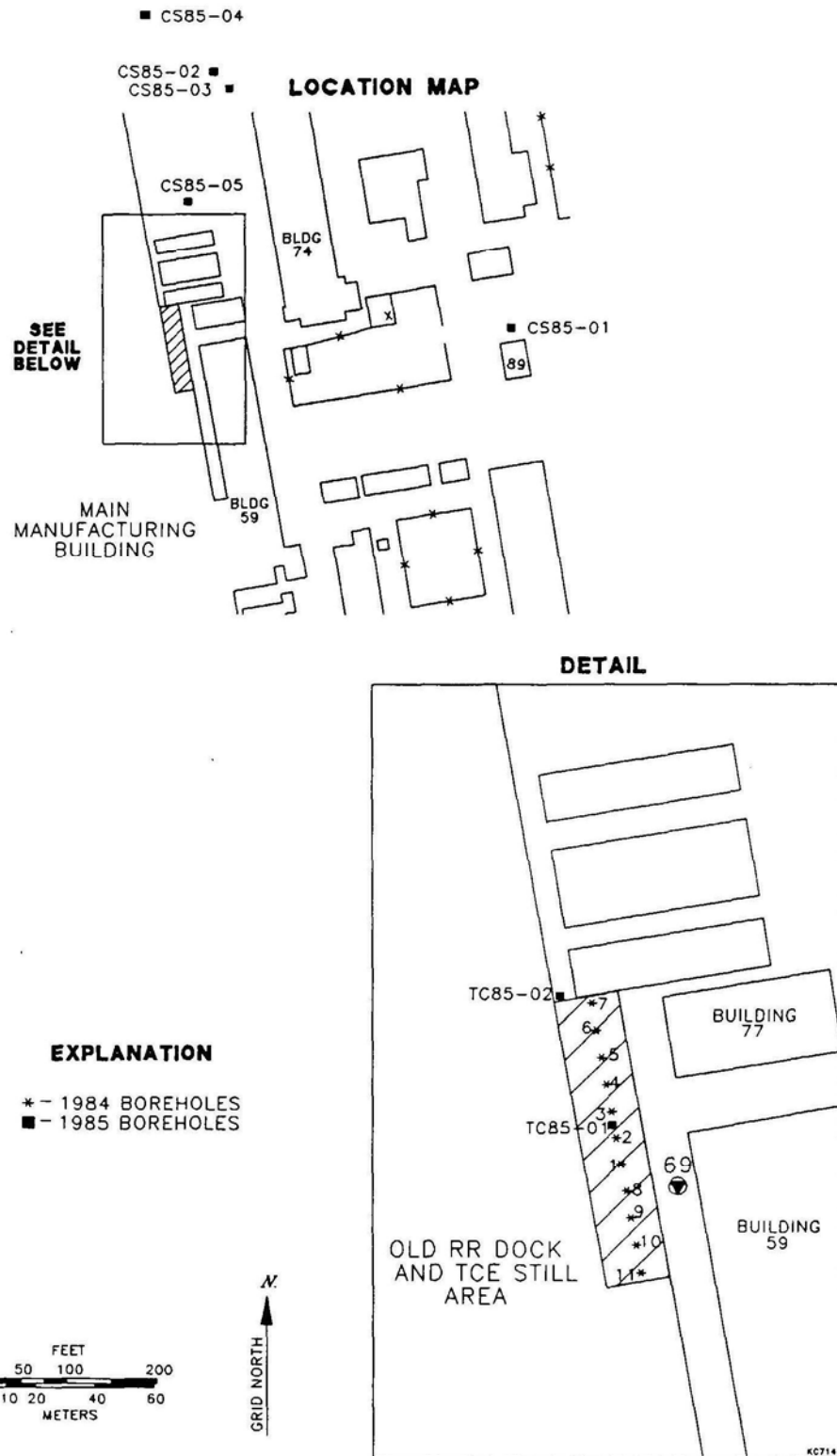
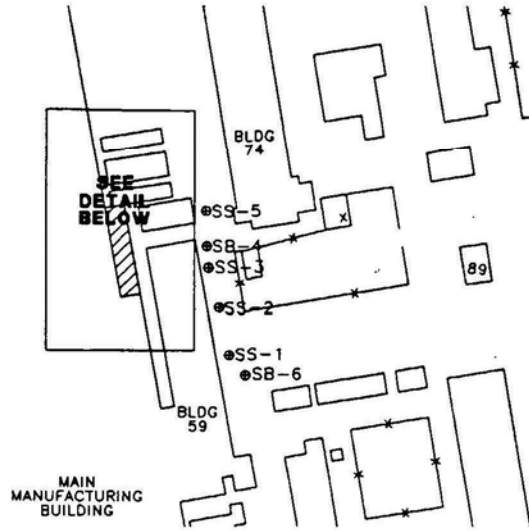
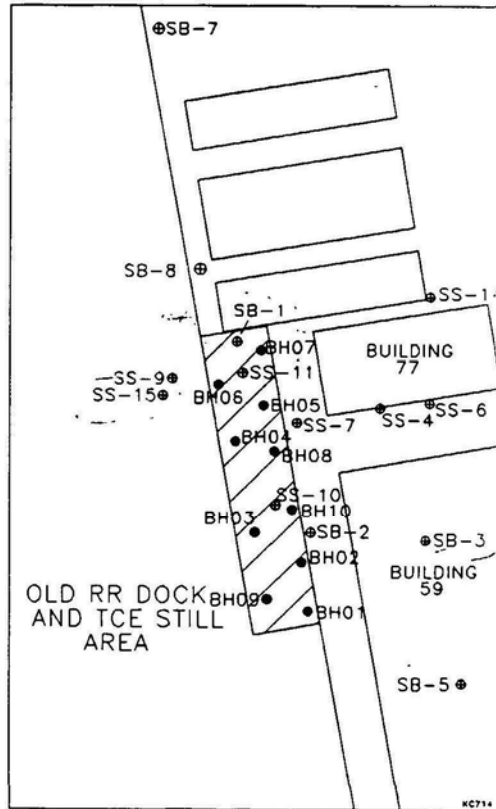


Figure 5.131

LOCATION MAP



DETAIL



EXPLANATION

- ⊕ - 1987 BOREHOLES
- - 1988 BOREHOLES

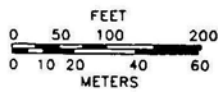
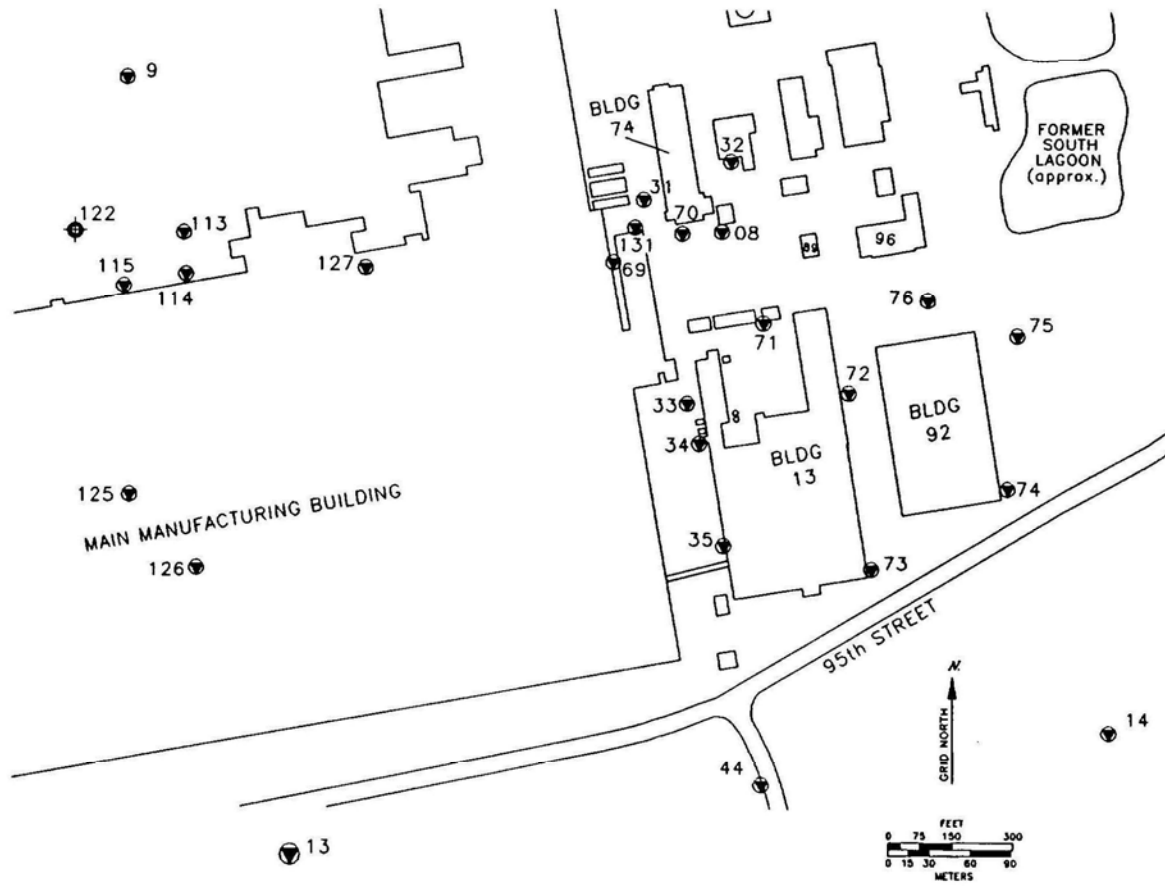


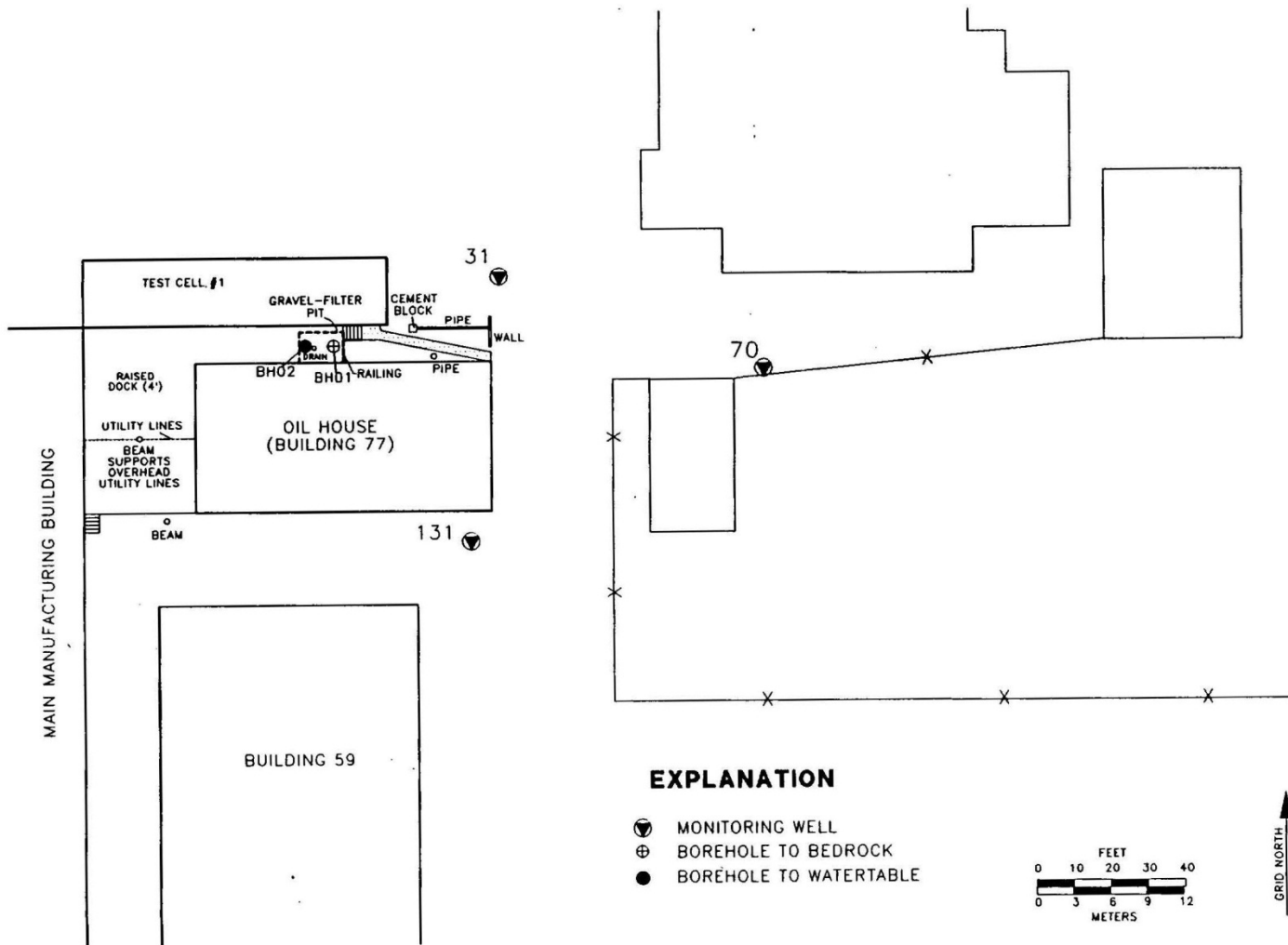
Figure 5.132



- IN-SERVICE MONITORING WELL LOCATION
- ⊕ IN-SERVICE BEDROCK WELL LOCATION

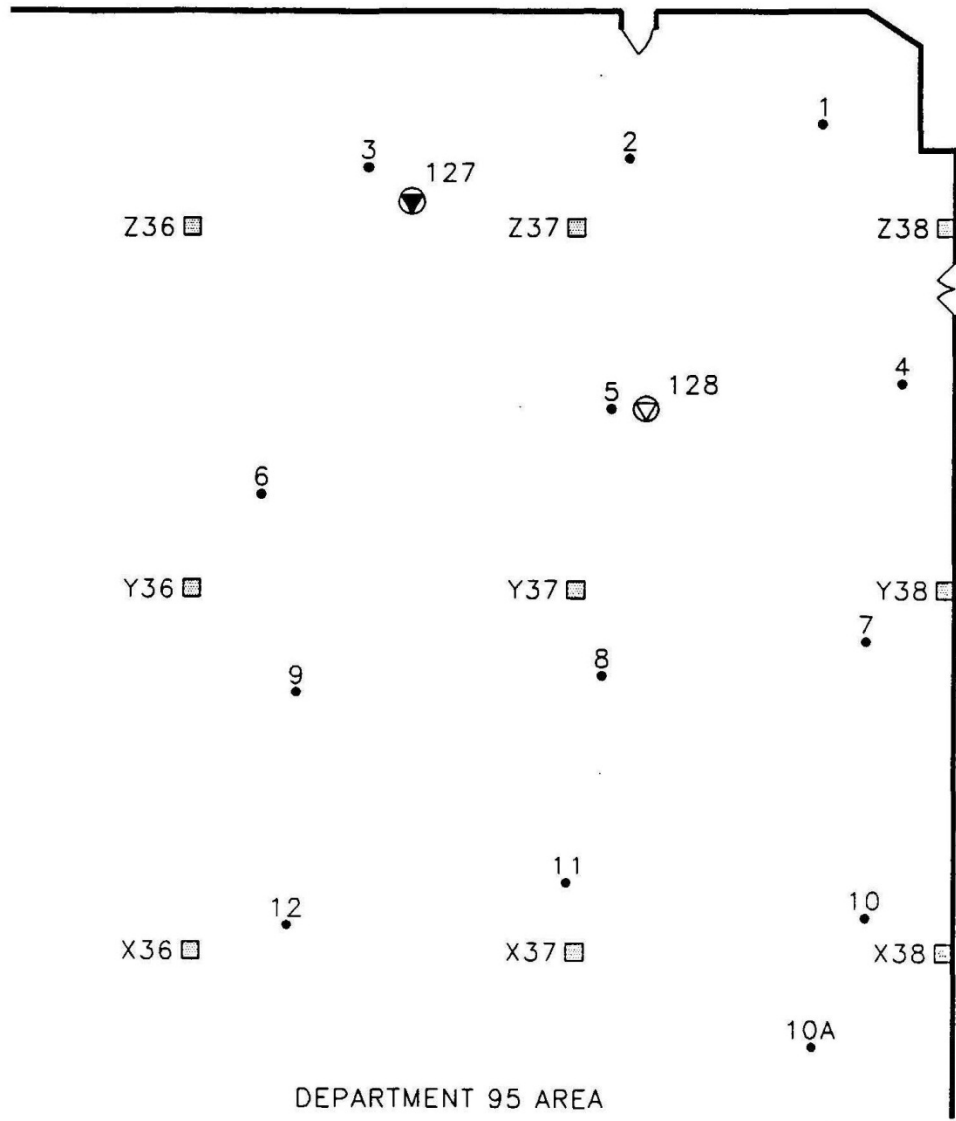
KC735A

Figure 5.133



KC121A

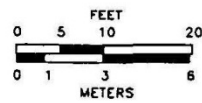
Figure 5.134



DEPARTMENT 95 AREA

EXPLANATION

- X36 FACILITY COLUMN NUMBER
- 9 BOREHOLE LOCATIONS
- IN-SERVICE MONIORING WELL
- ABANDONED MONITORING WELL



KC155

Figure 5.135

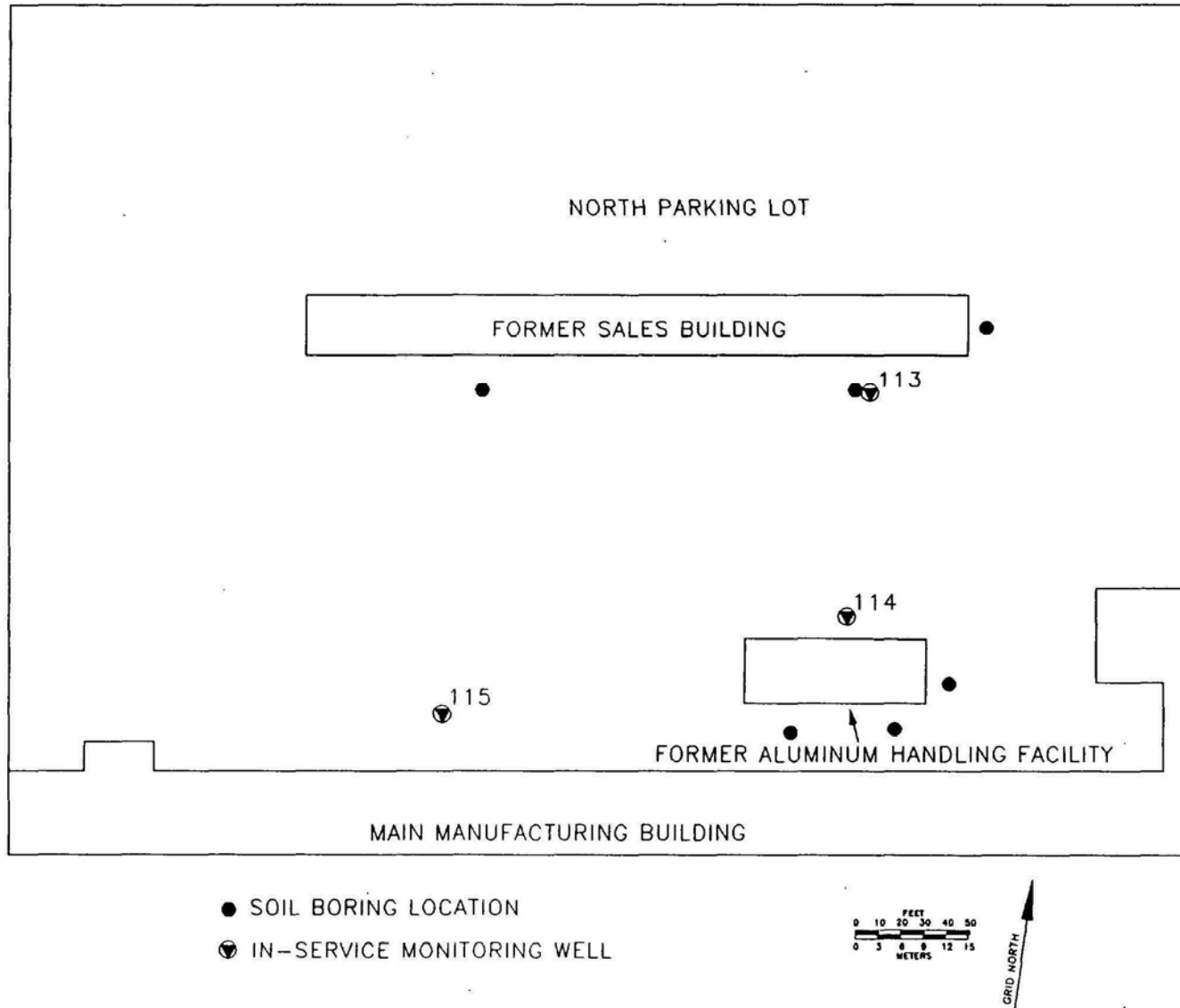
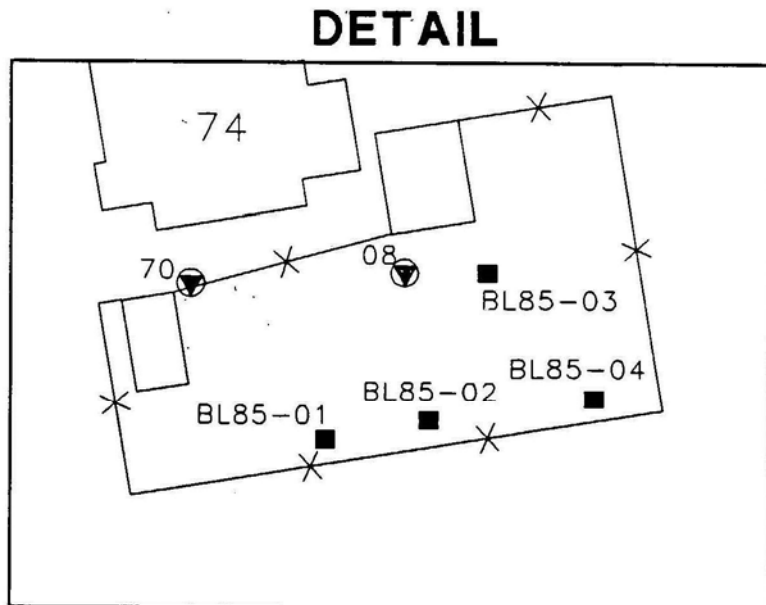
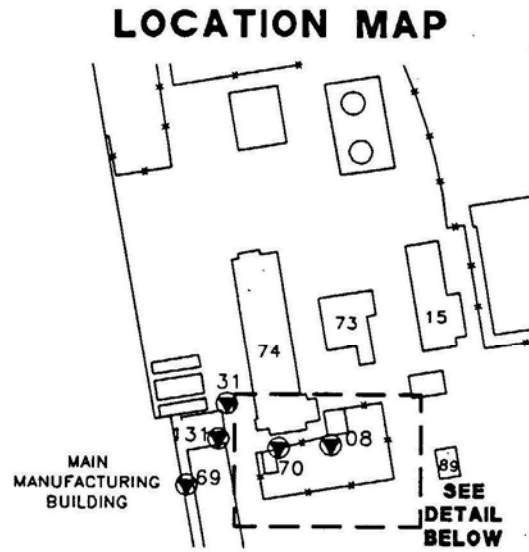
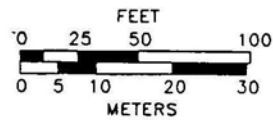


Figure 5.136



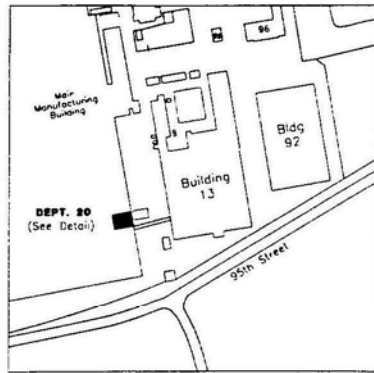
EXPLANATION

-  IN-SERVICE MONITORING WELL LOCATION
-  SOIL BORING LOCATION

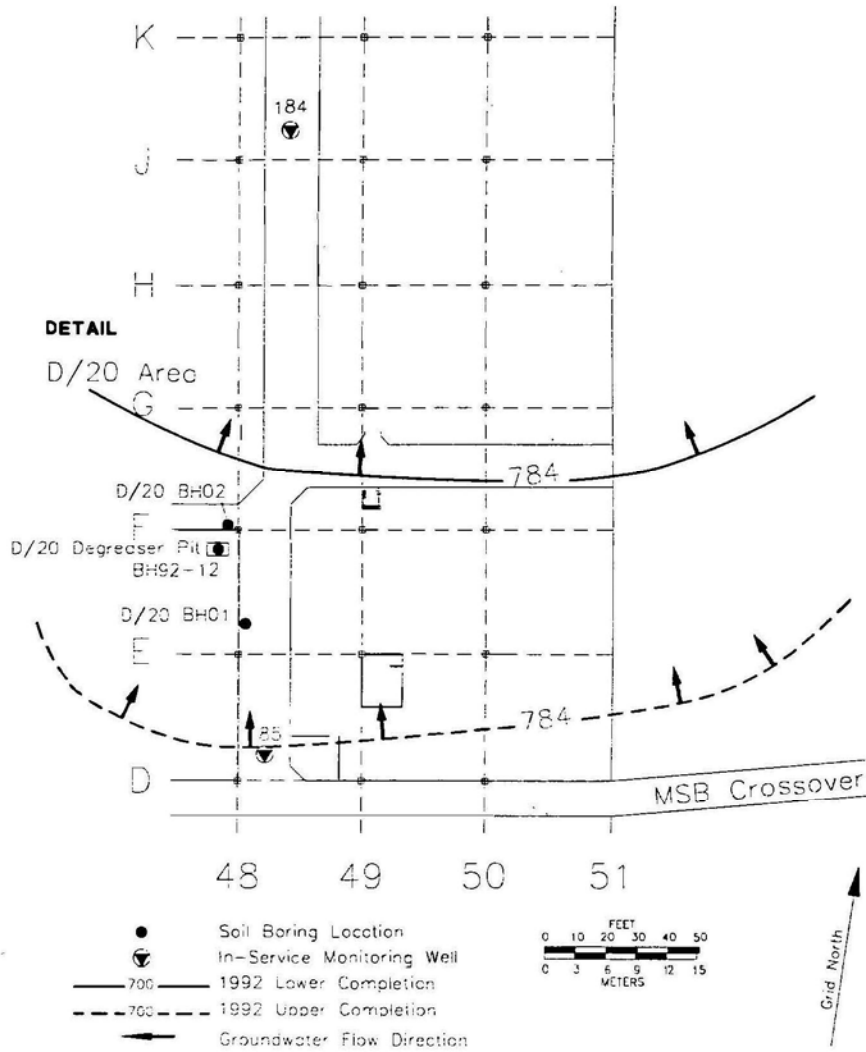


KC751

Figure 5.137



LOCATION MAP



D20
REV 04/05/94

Figure 5.138

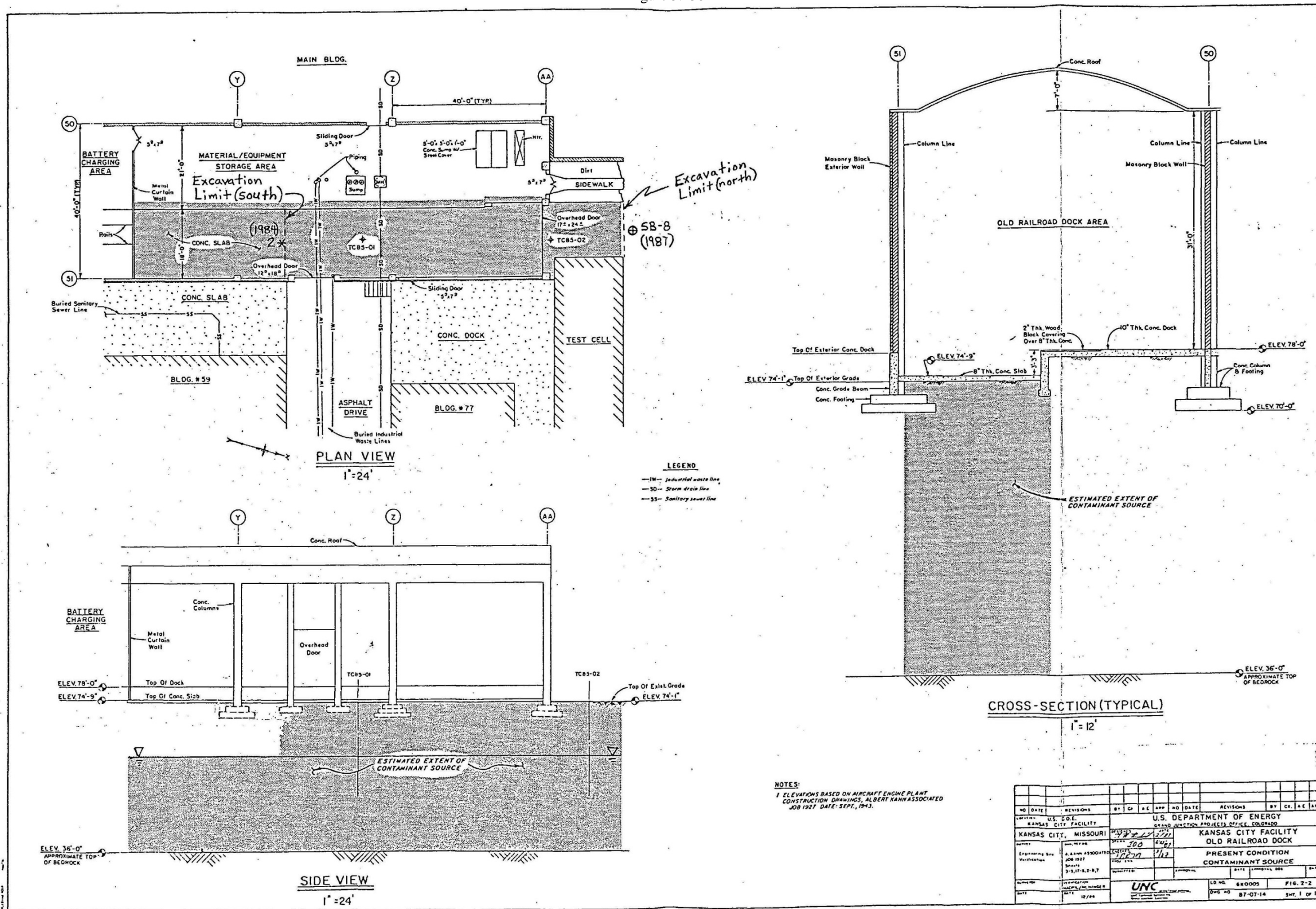


Figure 5.139

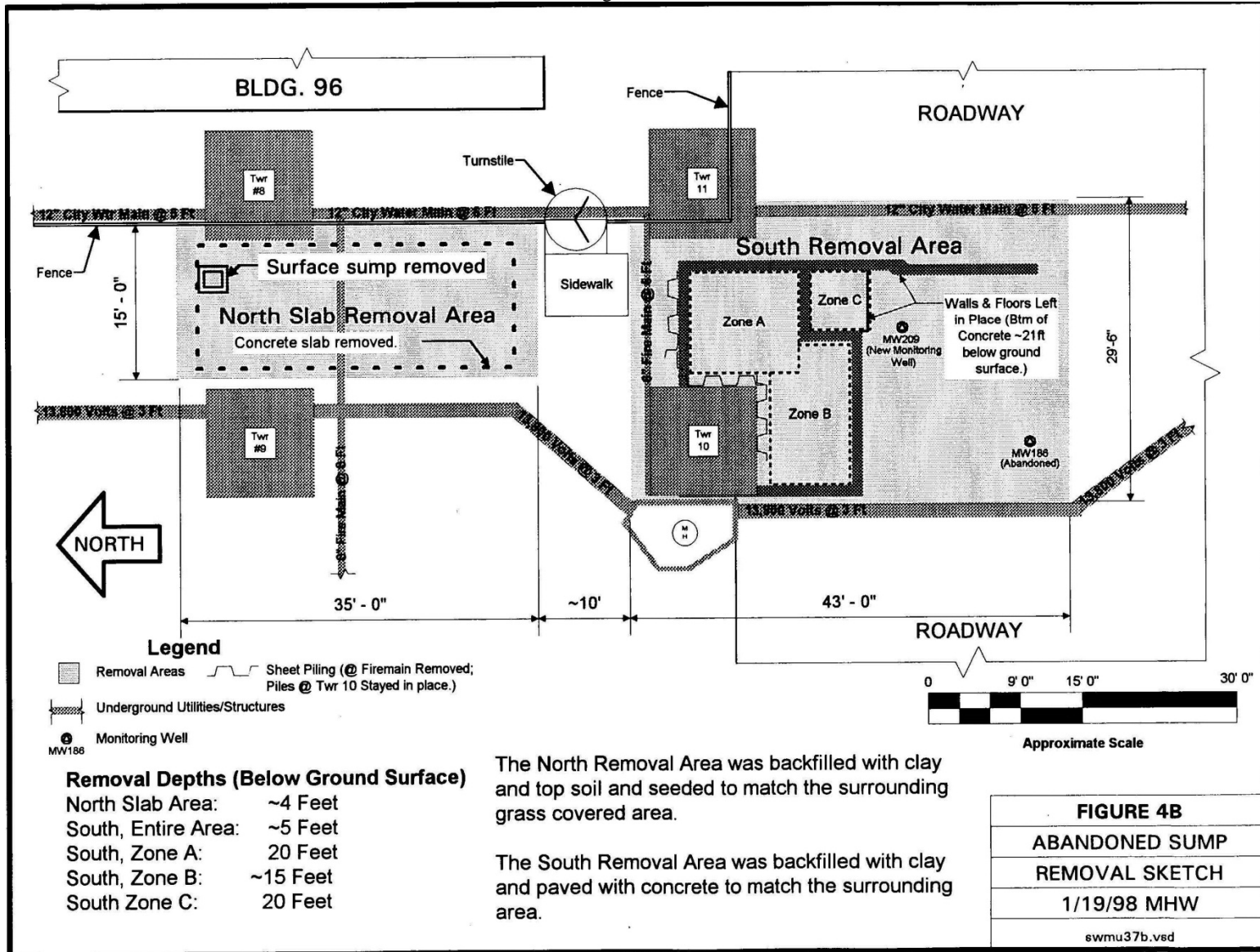


Figure 5.140

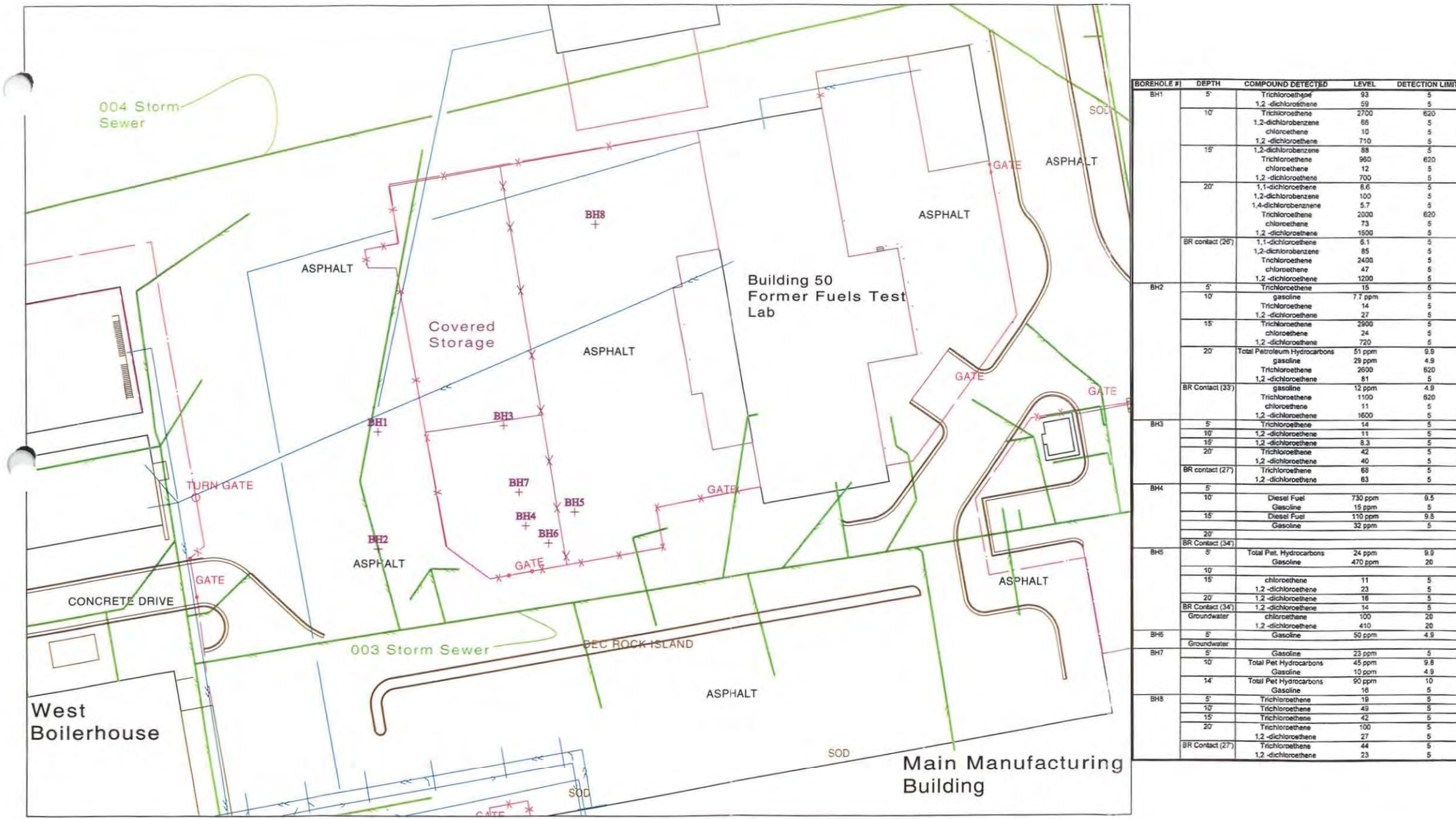


Figure 2: Geoprobe Locations Near the Former Fuels Test Lab (Building 50)

- Sanitary Sewer BH# - Geoprobe Location - Storm Sewer

Figure 5.141

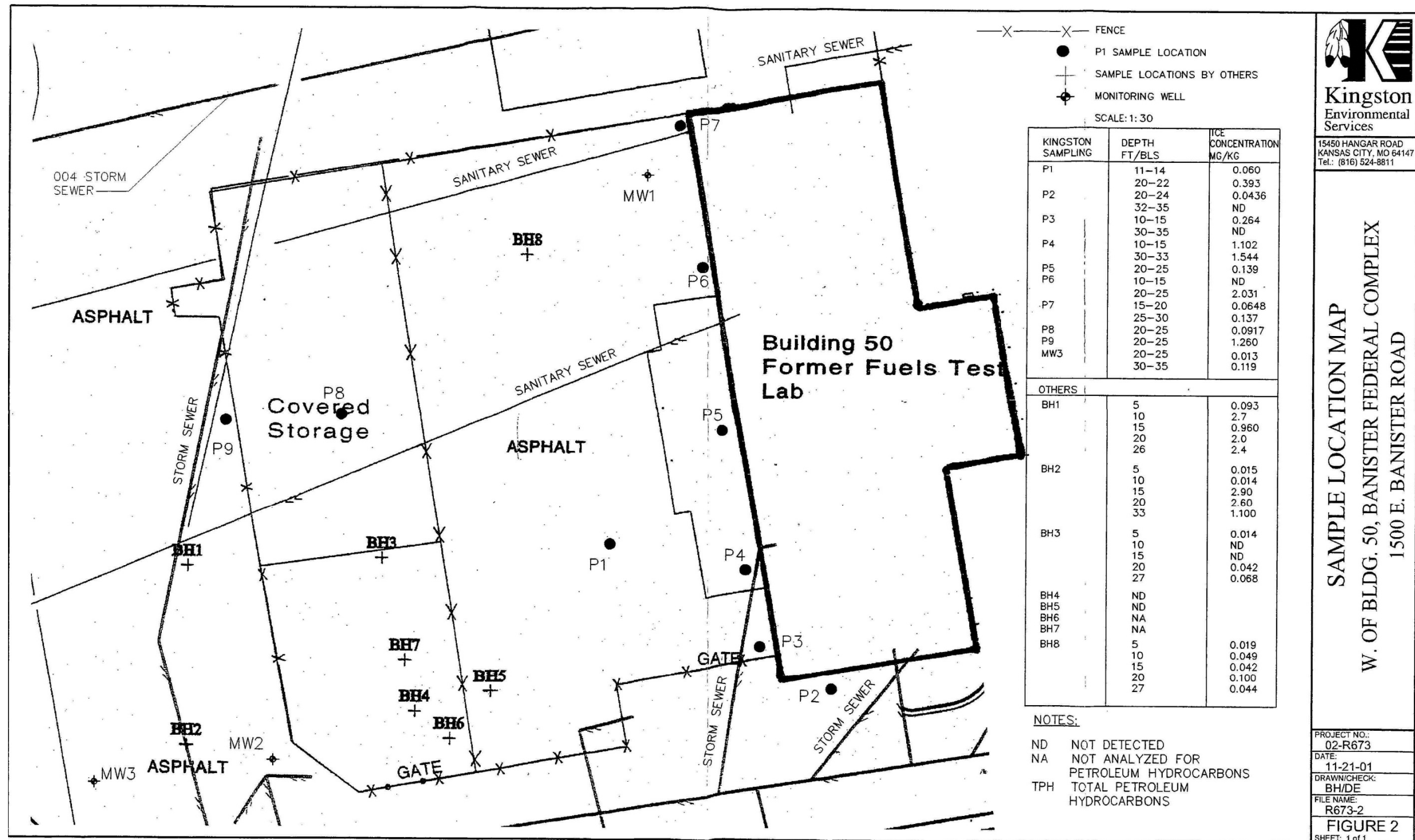


Figure 5.142

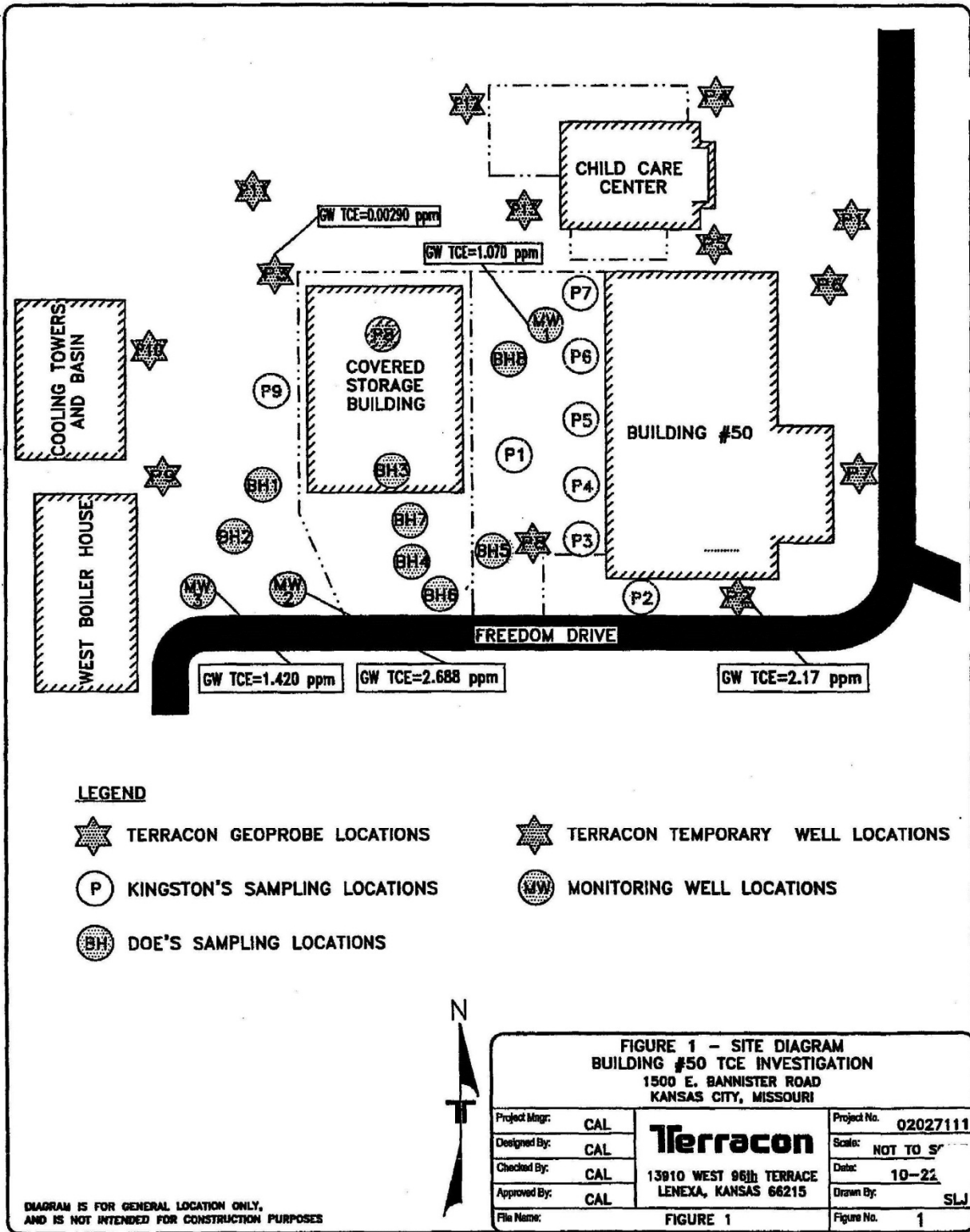
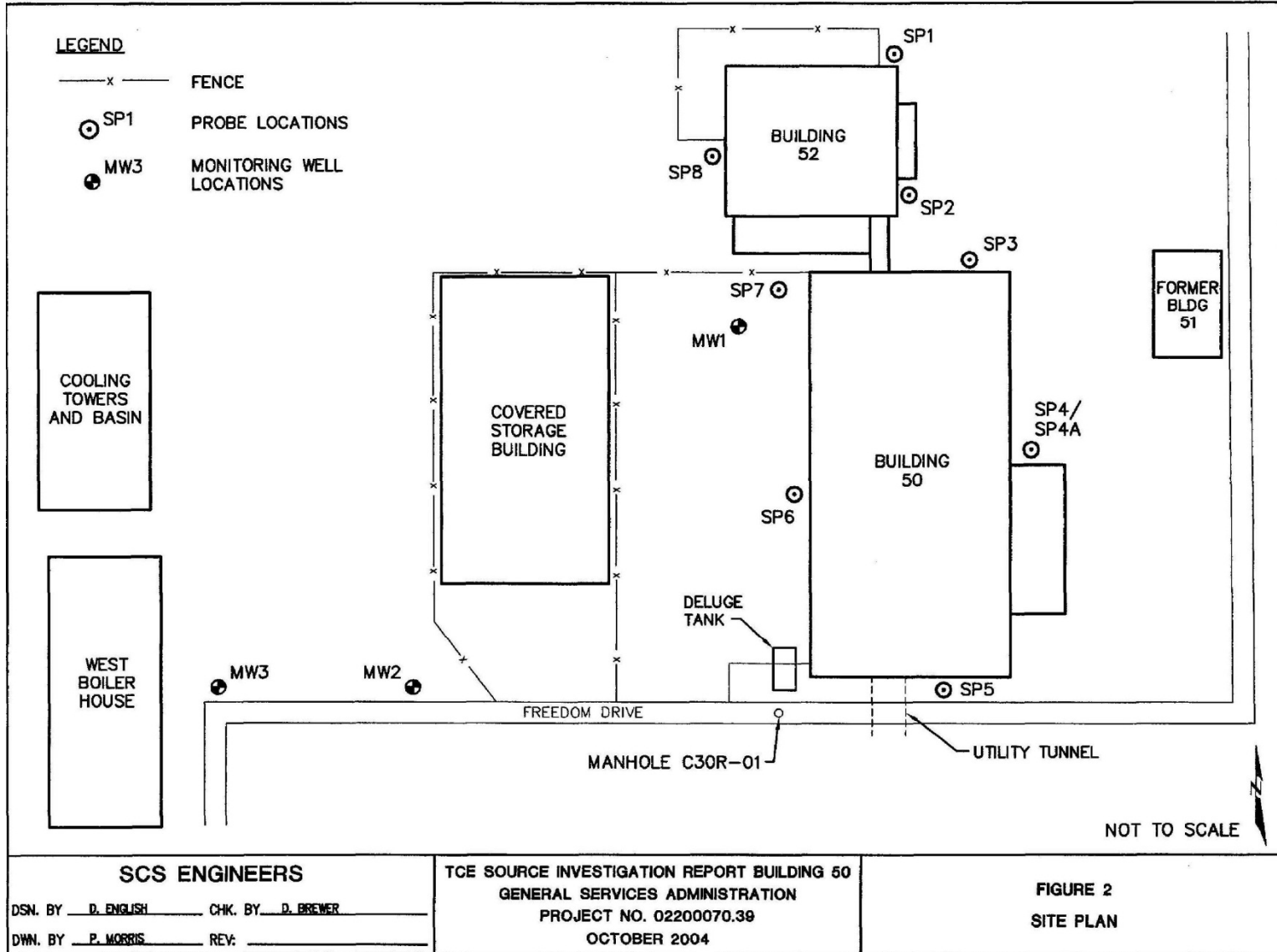


Figure 5.143



SCS ENGINEERS
 DSN. BY D. ENGLISH CHK. BY D. BREWER
 DWN. BY P. MORRIS REV: _____

TCE SOURCE INVESTIGATION REPORT BUILDING 50
 GENERAL SERVICES ADMINISTRATION
 PROJECT NO. 02200070.39
 OCTOBER 2004

FIGURE 2
SITE PLAN

Figure 5.144

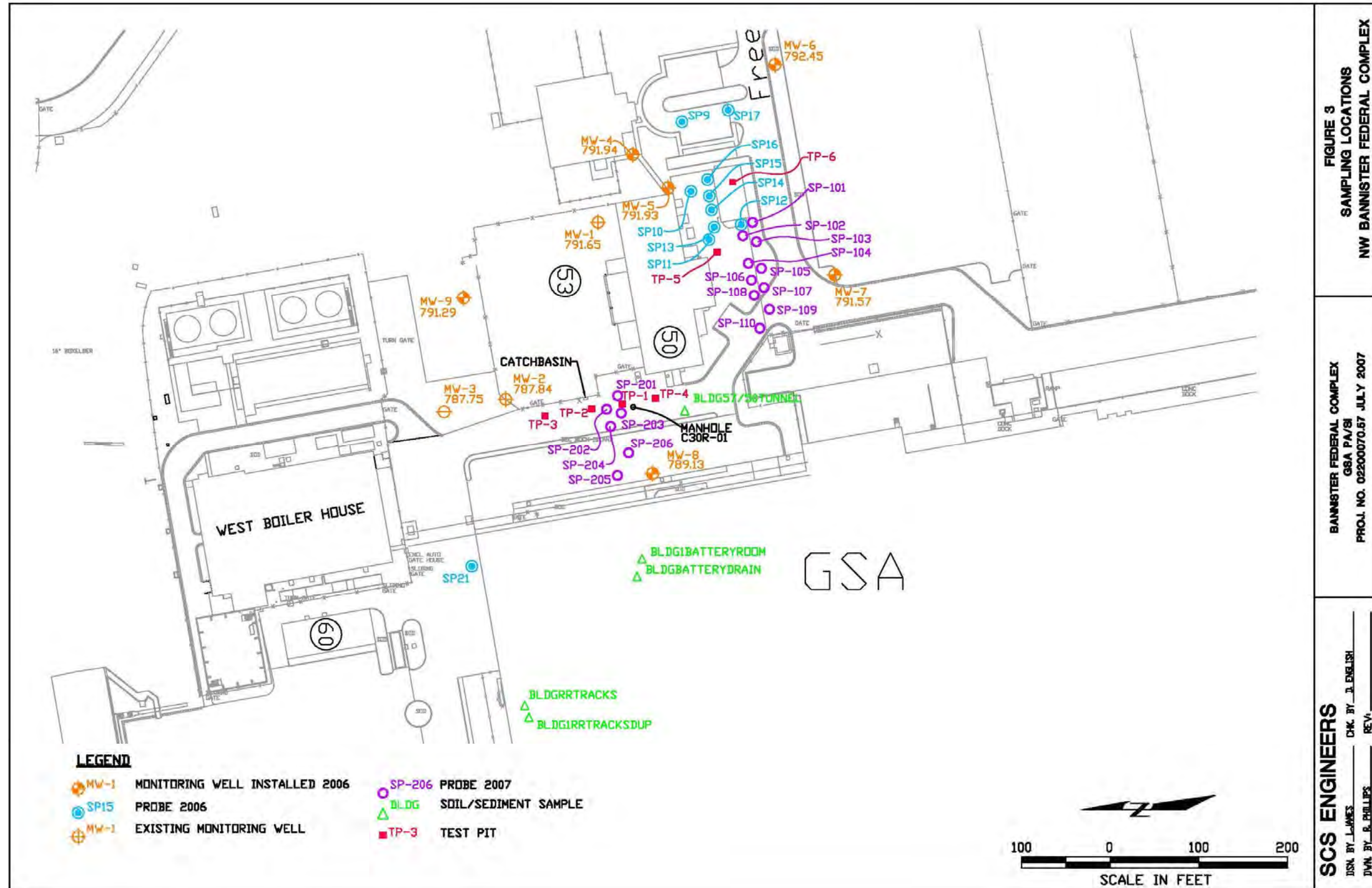


Figure 5.145

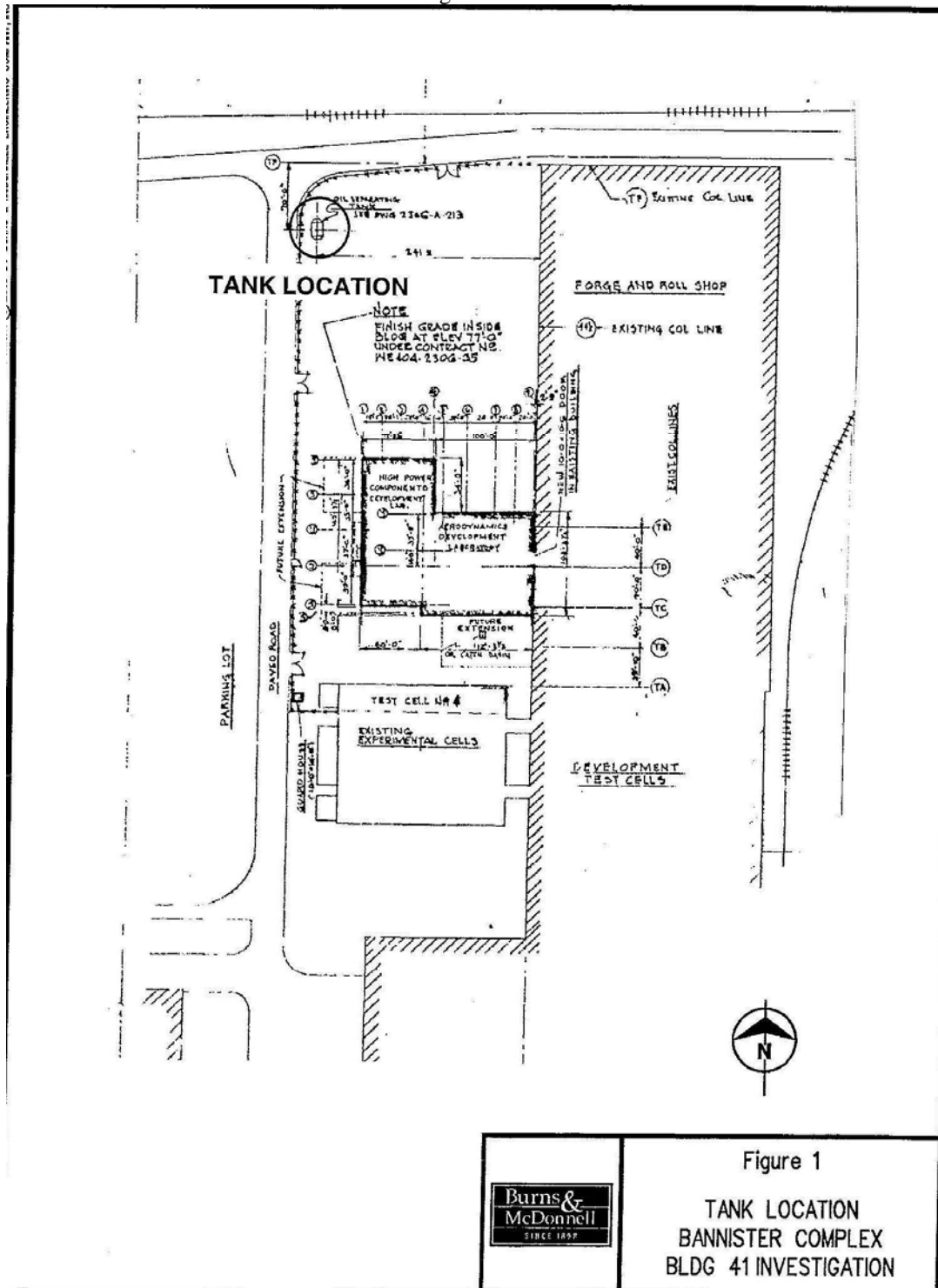


Figure 5.146

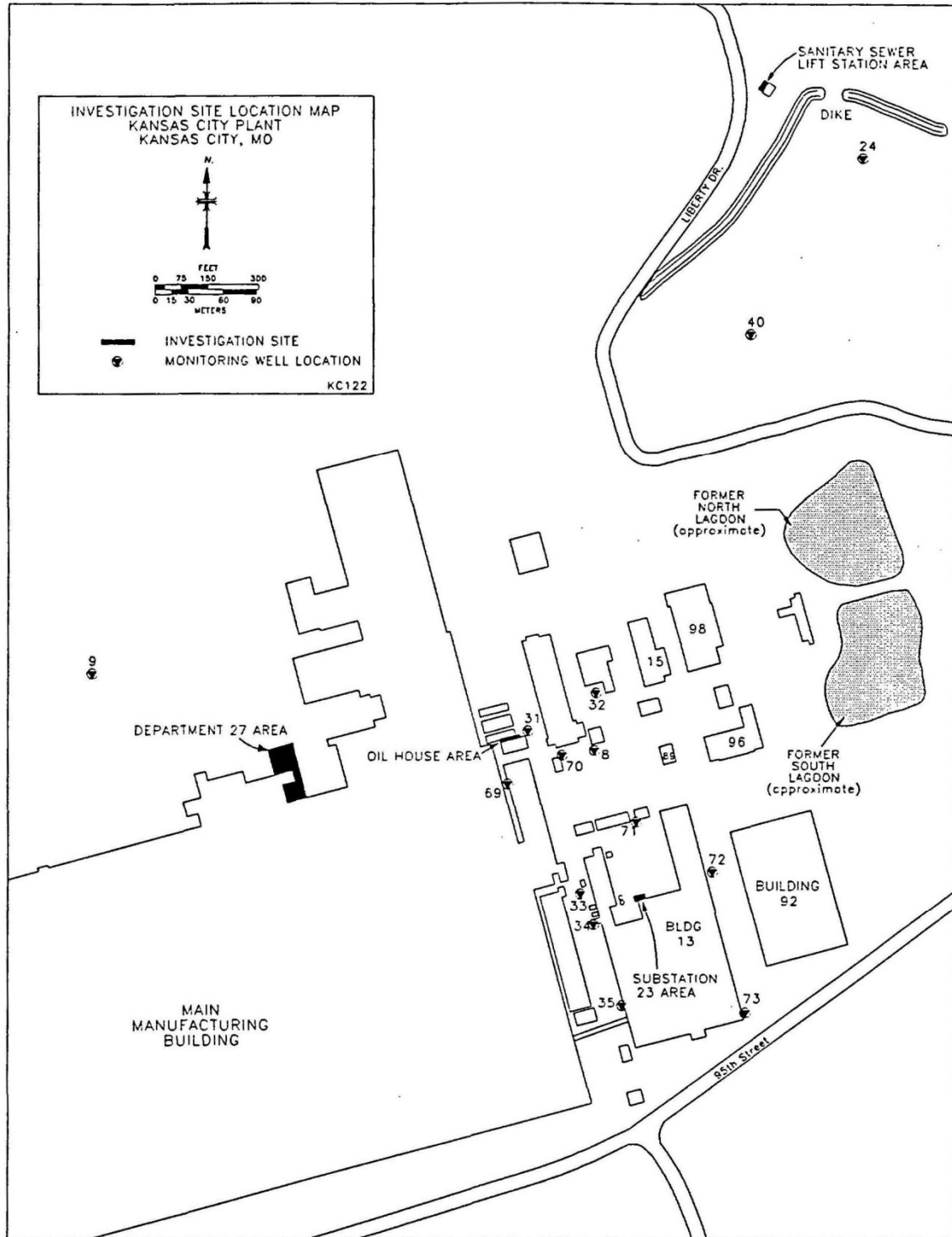


Fig. 2. Location of D-27, the Oil House, Substation 23, and the Sanitary Sewer Lift Station at the KCP. The Blue River flows south to north approximate 600 meters east of the Sanitary Sewer Lift Station. Indian Creek flows west to east approximately 200 meters south of 95th street.

Figure 5.147

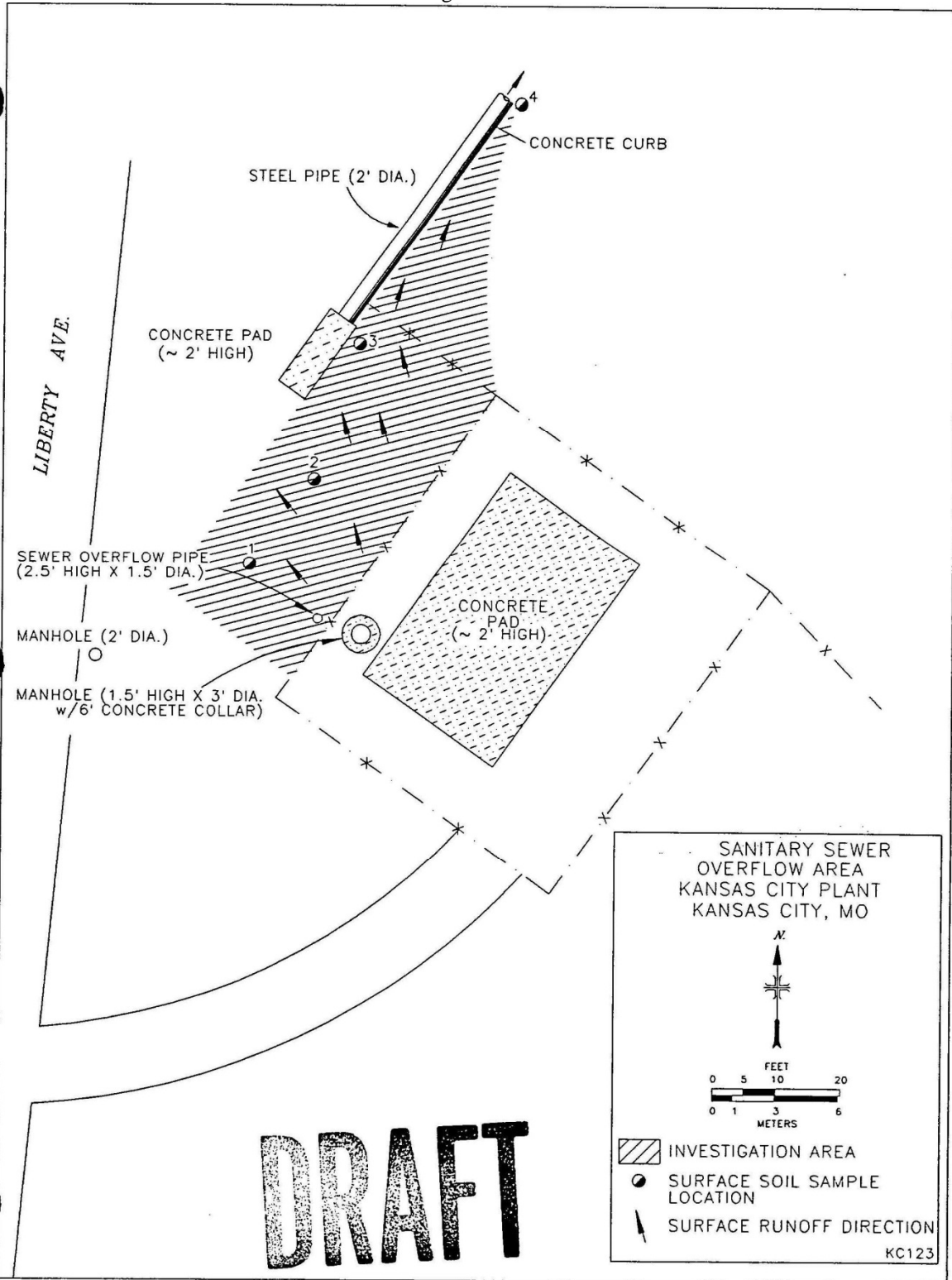


Figure 5.148

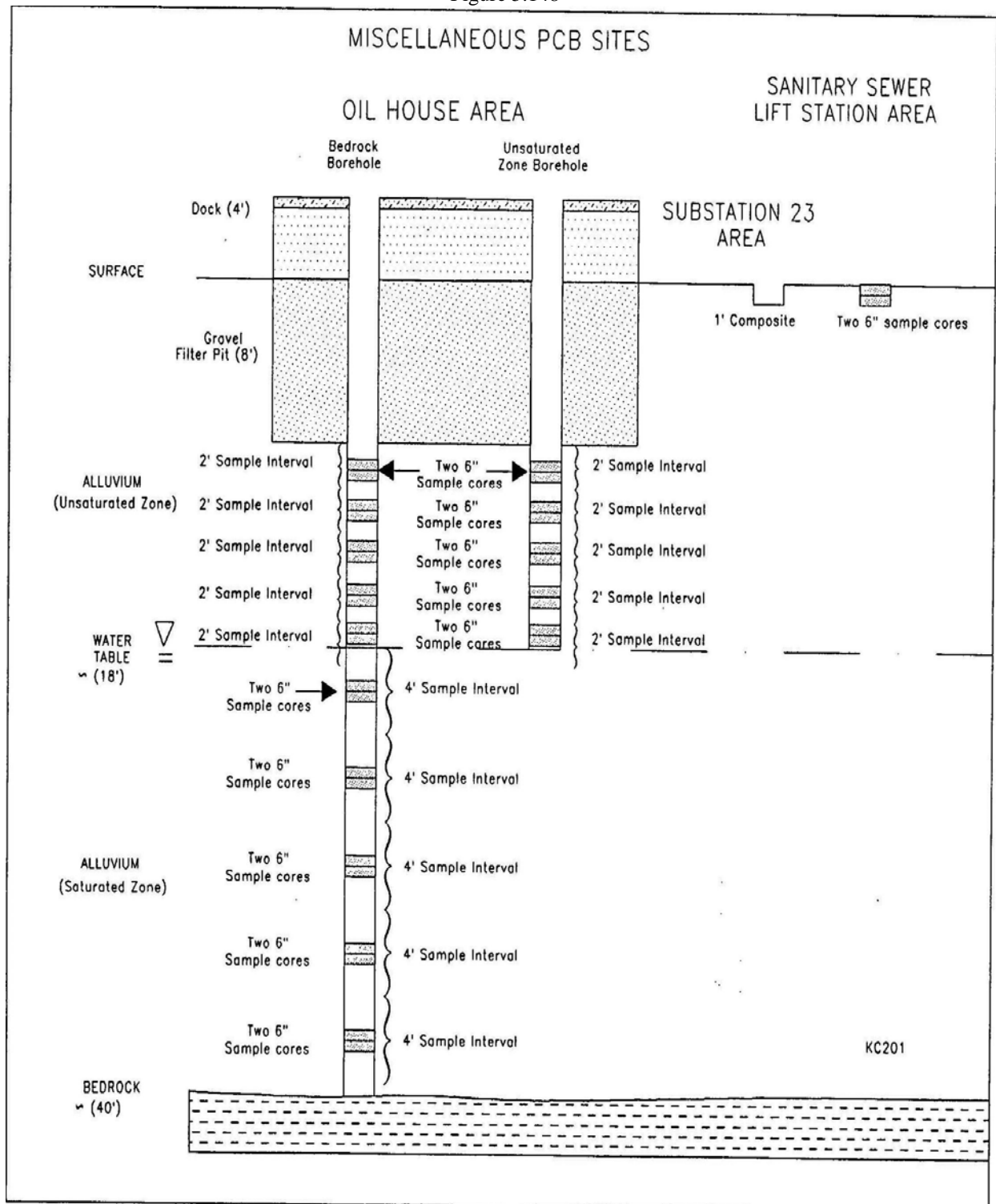


Figure 5.149

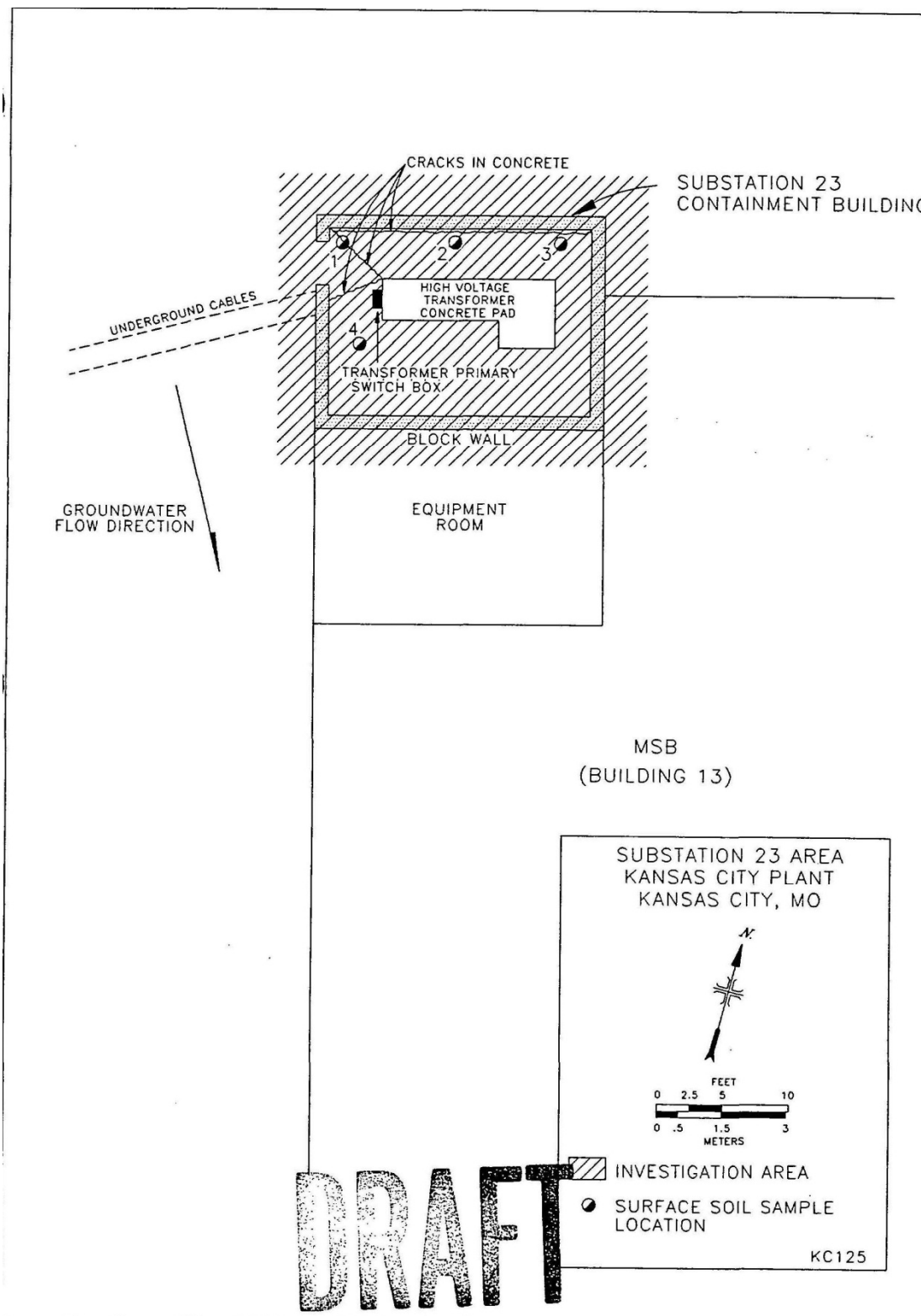


Figure 5.150

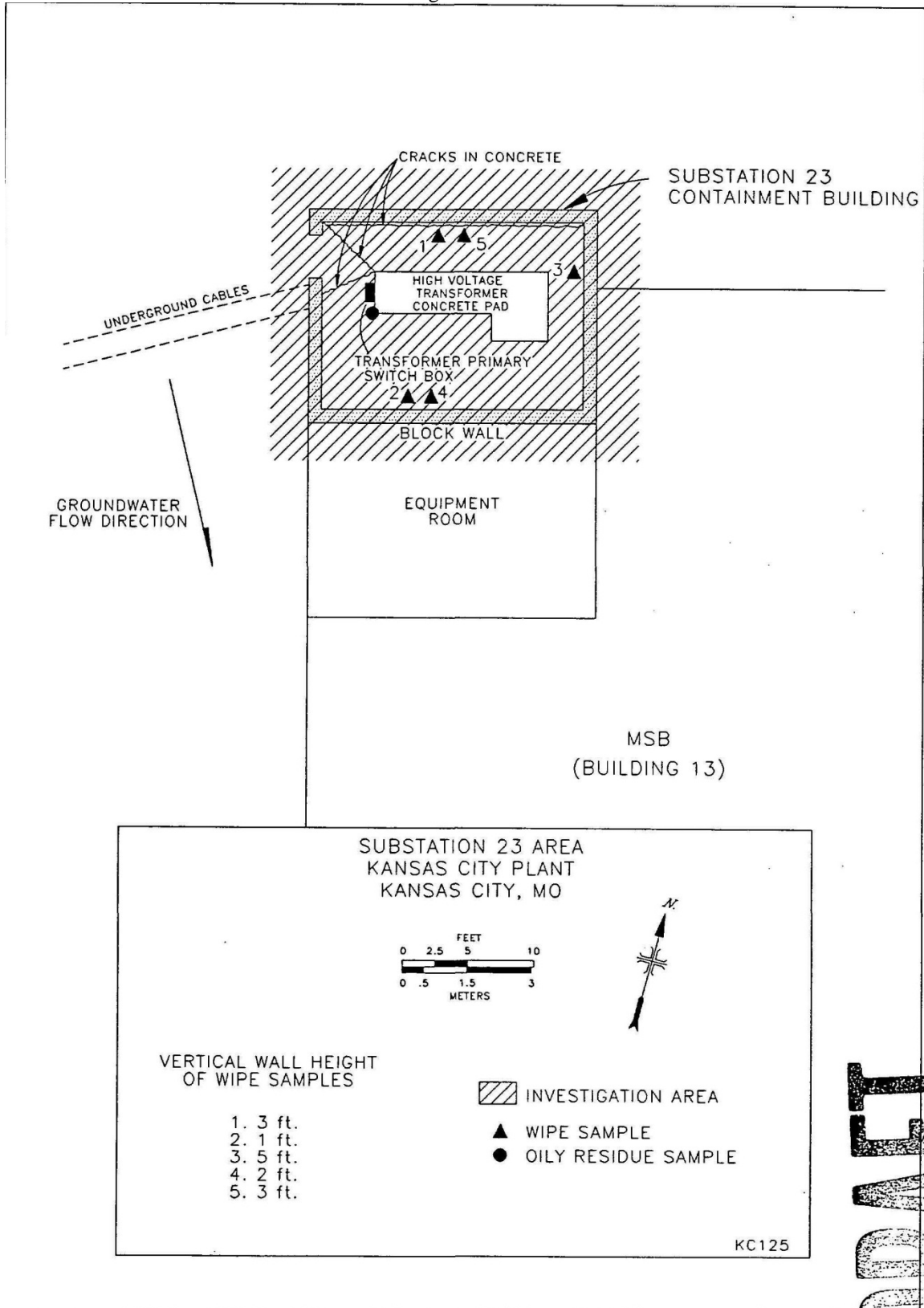


Figure 5.151

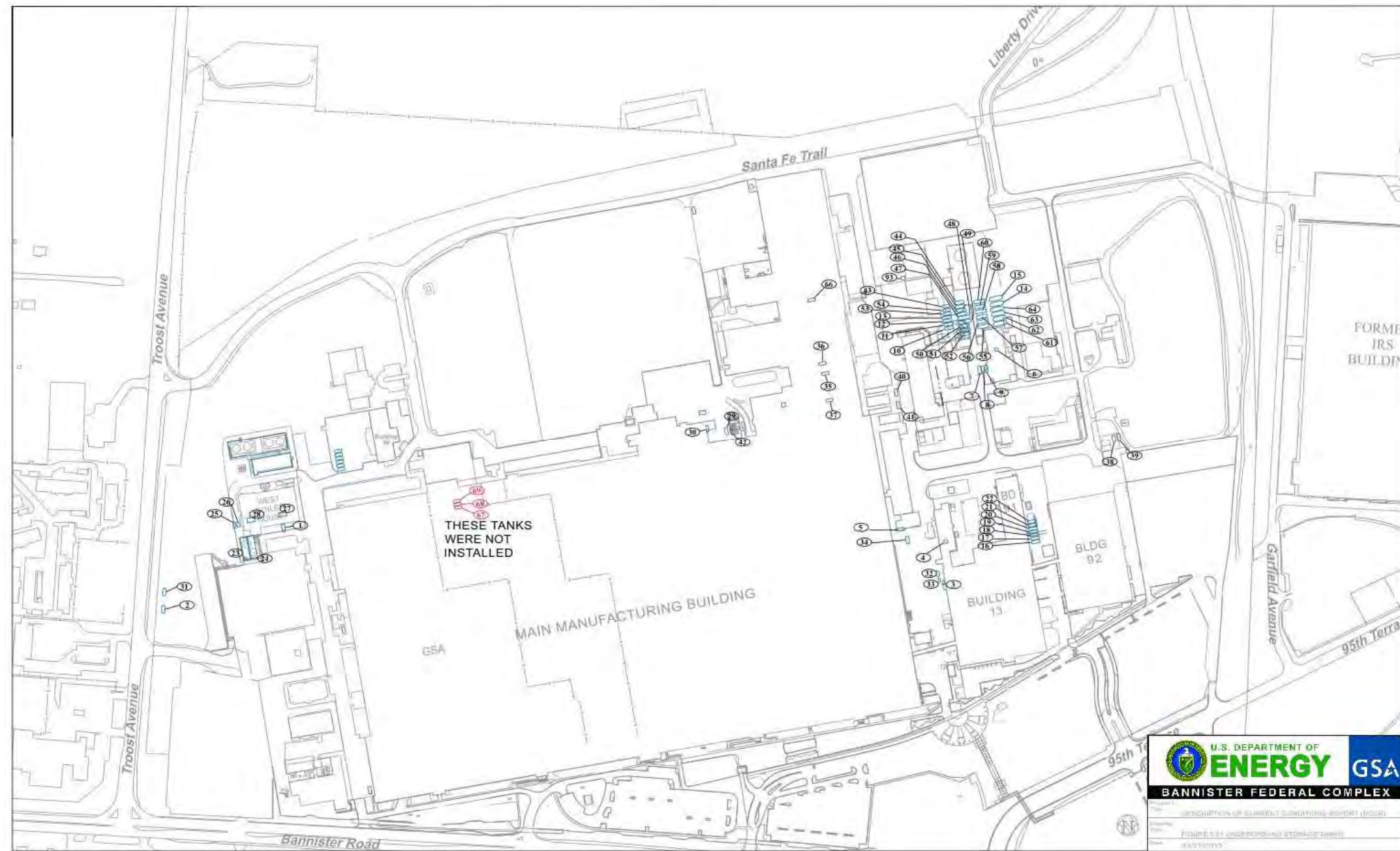
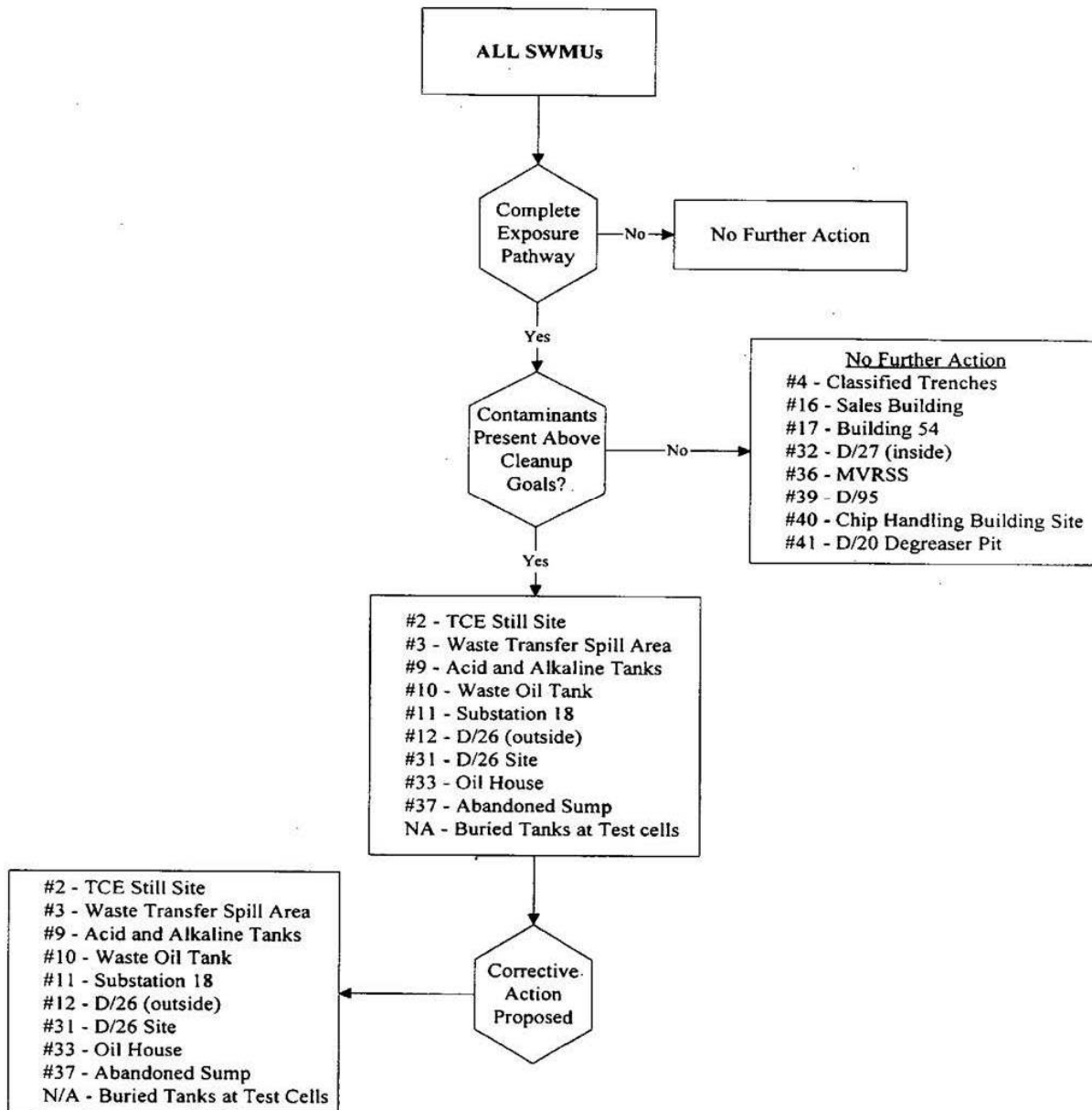


Figure 5.152

**GROUPING OF SOIL SWMUs FOR CORRECTIVE ACTION
UTILIZING RISK-BASED PROCEDURES**



\\ALLIED\FIG2-44.VSD 05/05/95

Figure 5.153

