

UNC 1990 LEACHFIELD SAMPLING DATA

LOC.	DEPTH FEET	BLOWS/6" 140# HAMMER	COMMENTS	G. ALPHA pCi/gm or l	TOTAL U	ISO. U (pCi/gm or l)			OTHER
						U-234	U-235	U-238	
BG-1	0-2	8-14-27-37		1.9 ± 1.2					
	3-5	40-80-RF		2.8 ± 1.3					
	6-8	6-17-26-25		2.6 ± 1.2					
	9-11	75-32-35-38		1.6 ± 1.1					
	13-15	18-23-29-55		2.6 ± 1.2					
BG-2	0-2	6-6-6-6		1.5 ± 1.2					
	3-5	4-7-7-8		2.5 ± 1.2					
	6-8	4-6-7-8		1.4 ± 1.1					
	9-11	3-5-23-33		2.8 ± 1.3					
	12-14	7-8-9-12		1.8 ± 1.1					
	15-17	8-14-16-15		3.4 ± 1.4					
	18-20	8-22-26-20		3.1 ± 1.5					
	21-23	18-21-38-15		< 0.3					
BG-3	0-2	4-6-8-10		< 0.3					
	3-5	4-8-8-8		< 0.3					
	6-8	3-5-8-11		2.3 ± 1.4					
	9-11	1-5-9-14		< 0.3					
	12-14	5-7-11-12		< 0.3					
	15-17	7-9-12-12		< 0.3					
	18-20	4-9-8-7		< 0.3					
WAT 19'			96 ± 35		86.7 ± 24	3.5 ± 1	92 ± 11	Gross Beta 285 +/- 60 pCi/l	
BG-4	0-2	3-14-17-15		1.8 ± 1.3					
	3-5	5-9-10-10		3.8 ± 1.5					
	6-8	3-5-7-9		3.1 ± 1.4					
	9-11	4-7-9-9		1.7 ± 1.2					
	13-15	4-5-8-9		< 0.3					
WAT 21'			174 ± 49		95.2 ± 21	3.8 ± 1	101 ± 19	Gross Beta 334 +/- 63 p. /l	

LEGEND

BG = BACKGROUND
 G = GREEN (FIELD 2)
 O = ORANGE (FIELD 1)
 W = WELL (DRYWELL SAMPLE)
 RF = REFUSAL(AUGER COULD NOT GET THROUGH ROCK)

LAST UPDATE - 1-10-91

2102070164 210114
 PDR ADOCK 07000371
 PDR

UNC 1990 LEACHFIELD SAMPLING DATA

LOC.	DEPTH FEET	BLOWS/6" 300# HAMMER	COMMENTS	G. ALPHA pCi/gm or l	TOTAL U	ISO. U (pCi/gm or l)			OTHER
						U-234	U-235	U-238	
O-41	0-2	2-3-3-5		1.4 ± 0.6					
	2-4	5-9-15-18		0.6 ± 0.5					
	4-6	4-6-9-11		8.6 ± 1.3					
	6-8	4-15-14-11		2.2 ± 0.7					
	8-10	8-11-24-5		0.9 ± 0.6					
	10-12	5-7-10-14		2.7 ± 0.9					
O-73	0-2	4-19-30-38		1.8 ± 0.7					
	2-4	3-8-7-28		3.5 ± 0.9					
	4-6	8-11-11-13		2.2 ± 0.8					
	6-8	11-17-11-5		4.4 ± 1.0					
	8-10	5-8-6-8		3.1 ± 0.9					
	10-12	10-14-14-26		2.3 ± 0.8					
O-72	0-2	8-27-41-48	THIS IS AN EXTRA SAMPLE LOCATION	2.5 ± 0.8					
	2-4	28-RF		6.1 ± 1.1					
	4-6	14-RF		1.4 ± 0.7					
L-1		Scoop sample from main Distribution point in Field 1.		4.0 ± 0.9					
Pipe-1		Composite soil sample from all pipe sections removed from Field 1.		1149 ± 13		1114 ± 17	33.3 ± 5	0.06 ± .03	GR BETA 70.7 ± 2.7
PIPES									
80S1			S = South end of pipe	502 ± 8					GR BETA 60.6 ± 2.2
80S2				426 ± 8					GR BETA 49 ± 1.8
79C			C = Center of pipe	1004 ± 12					GR BETA 145 ± 4
76C				457 ± 8					GR BETA 67.1 ± 2.5
75S				146 ± 5					GR BETA 28.7 ± 2

