

409843

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## TOTAL TRANSURANICS

## SOIL DATA, ISLAND: VERA (ALEMBEL)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	pCi/g	TRU	pCi/g	% of 0 cm	pCi/g	% of 0 cm
2-W-2 A	10.22		3.43	33.6	1.86	18.2
	16.97		7.36	43.4	2.36	13.9
4-BL-0 A	9.31		8.32	89.4	5.14	55.2
	5.70		2.92	51.2	0.99	17.4
5-E-2 A	13.21		4.03	30.5	4.16	31.5
	11.43		8.18	71.6	5.50	48.1
1-BL-0 A	12.68		4.71	37.1	3.74	29.5
	11.30		9.09	80.4	7.22	63.9

REPOSITORY PNNL  
 COLLECTION Marshall Islands  
 BOX No. 5685  
 FOLDER Soil Imp Data

DOCUMENT DOES NOT CONTAIN ECI

Reviewed by R. Schutte Date 4/29/97

TOTAL TRANSURANICS  
SOIL DATA, ISLAND: TILDA (BIJIRE)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	pCi/g	TRU	pCi/g TRU	% of 0 cm	pCi/g TRU	% of 0 cm
2-BL-0 A	4.19		<MDA	-	<MDA	-
B	2.2		1.18	53.6	1.02	46.4
6-N-4 A	8.77		11.28	128.6	7.74	88.3
B	10.12		7.34	72.5	2.59	25.6
8-S-4 A	10.00		3.55	35.5	0.84	8.4
B	9.07		0.92	10.1	0.81	8.9
12-S-12 A	7.97		<MDA	-	8.46	106.1
B	7.98		6.04	75.7	3.25	40.7
14-N-4 A	2.37		*	-	1.12	47.3
B	3.19		*	-	1.99	62.4
14.25-S-2 A	7.5		*	-	1.58	21.1
B	14.48		*	-	0.89	6.1
<p>* HAVE NOT RECEIVED DATA AS OF 8 MAY 78 MDA = MINIMUM DETECTABLE ACTIVITY</p>						

TOTAL TRANSURANICS

SOIL DATA, ISLAND: RUBY (ELELERON)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	pCi/g	pCi/g	% of 0 cm	pCi/g	% of 0 cm	
1-BL-0 A	3.89	*	-	7.37	189.5	
1-BL-0 B	3.79	*	-	5.40	142.5	
3-BL-0 A	7.46	*	-	5.67	76.0	
3-BL-0 B	6.96	*	-	5.88	84.5	
4-BL-0 A	6.28	*	-	8.56	136.3	
4-BL-0 B	6.79	*	-	7.50	110.5	
5-BL-0 A	4.62	*	-	5.37	116.2	
5-BL-0 B	4.79	*	-	5.20	108.6	
* HAVE NOT RECEIVED DATA AS OF 8 MAY 78.						

TOTAL TRANSURANICS  
 SOIL DATA, ISLAND: WILMA (BILLAE)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	PCi/g TRU		PCi/g TRU	% OF 0 cm	PCi/g TRU	% OF 0 cm
0-S-4 A	0.79		*	-	**	-
			*	-	0.67	83.8
2-N-2 A	4.98		*	-	5.85	117.5
			*	-	12.66	128.1
4-N-6 A	5.30		*	-	1.14	21.5
			*	-	2.04	81.9
8-N-8 A	7.35		*	-	1.62	22.0
			*	-	4.69	58.1
* HAVE NOT RECEIVED DATA AS OF 8 MAY 78 ** Am-241 WAS < MDA (MINIMUM DETECTABLE ACTIVITY)						











TOTAL TRANSURANICS  
SOIL DATA, ISLAND: IRENE (BOKEN)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	PC/g	TRU	PC/g TRU	% of 0 cm	PC/g TRU	% of 0 cm
3-BL-0	A	9.19	9.36	101.8	11.07	120.5
	B	10.01	8.82	88.1	10.04	100.3
7-S-3	A	16.37	28.89	176.5	12.38	75.6
	B	57.45	31.61	54.5	58.81	102.4
8-N-1	A	25.31	27.61	109.1	49.78	196.7
	B	27.24	34.67	127.3	42.55	156.2
10-S-4	A	19.6	45.95	234.4	65.48	334.1
	B	14.51	73.01	503.2	57.81	398.4
13-N-2	A	45.06	50.14	111.3	28.4	63.0
	B	73.21	55.09	75.2	57.17	78.1
1-BL-0	A	4.78	6.14	128.5	4.83	101.0
	B	4.93	6.2	125.8	5.59	113.4
5-N-1	A	17.62	14.26	80.9	2.85	16.2
	B	15.8	10.15	64.2	9.82	62.2
6-N-1	A	18.49	19.78	107.0	24.18	130.8
	B	18.67	14.70	78.7	14.95	80.1
10-N-2	A	27.65	31.18	112.8	21.07	76.2
	B	27.72	27.33	98.6	27.55	99.4
8-S-1	A	31.46	52.35	166.4	41.99	133.5
	B	85.85	152.56	177.7	152.07	177.1





TOTAL TRANSURANICS  
SOIL DATA, ISLAND: MARY (BOKENELAE)

LOCATION/COMPOSITE	0cm (SURFACE)		10 cm		20 cm	
	pCi/g TRU		pCi/g TRU	% OF 0 cm	pCi/g TRU	% OF 0 cm
0-BL-0 A	24.45	*	-		5.52	22.6
	12.73	*	-		8.90	69.9
2-N-2 A	29.22	*	-		5.47	18.7
	28.73	*	-		18.89	65.8
6-BL-0 A	6.07	*	-		4.95	81.5
	6.74	*	-		5.16	76.6
10-BL-0 A	*	*	-		8.58	-
	4.44	*	-		2.83	63.7
12-S-2 A	*	15.37	-		6.00	-
	8.03	18.98	236.4		6.34	79.0
* HAVE NOT RECEIVED DATA AS OF 8 MAY 78.						



TOTAL TRANSURANICS  
 SOIL DATA, ISLAND: OLIVE (AET)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	pCi/g TRU	% OF 0 cm	pCi/g TRU	% OF 0 cm	pCi/g TRU	% OF 0 cm
18-S-2 A	9.01	4.34	48.2	4.65	51.6	
18-S-2 B	9.38	6.71	71.5	4.45	47.4	
10-S-2 A	8.15	7.21	88.5	*	-	
10-S-2 B	11.51	9.70	84.3	*	-	
8-N-6 A	45.93	20.14	43.8	7.35	16.0	
8-N-6 B	50.45	6.93	13.7	15.06	29.9	
2-N-2 A	18.89	12.54	66.4	9.32	49.3	
2-N-2 B	16.83	15.83	94.1	10.91	64.8	

# TRU SOIL DATA, ISLAND: ENJEBI (JAN CT)

LOCATION/COMPOSITE	0cm (SURFACE)	10 cm		20 cm	
	PC/g TRU	PC/g TRU	% OF 0 cm	PC/g TRU	% OF 0 cm
NE 14-2 A	30.64	21.36	69.7	22.58	73.7
NE 14-2 B	47.65	26.82	56.3	27.32	61.5
NE 14-10 A	3.76	4.34	115.4	3.22	85.6
NE 14-10 B	10.16	5.59	55.0	5.93	58.4
SW 2-8 A	42.19				
SW 2-8 B	42.10				
SW 4-14 A	4.22				
SW 4-14 B	4.25				
SE 4-22 A	3.45	6.66	193.0	5.12	148.4
SE 4-22 B	5.23	4.36	83.4	4.51	86.2
SE 6-1 A	75.49	22.92	30.4	11.59	15.4
SE 6-1 B	65.84	14.73	22.4	11.29	17.1
SE 6-8 A	25.04	17.24	68.8	14.67	58.6
SE 6-8 B	25.81	38.63	149.7	44.93 <sup>(?)</sup>	174.1
SE 6-14 A	36.35	33.34	91.6	33.64 <sup>(?)</sup>	92.5
SE 6-14 B	37.45	20.63	55.1	18.11	48.4
SE 12-14 A	10.85	3.93	36.2	7.17	66.1
SE 12-14 B	13.29	10.06	75.7	9.6	72.2
SE 14-6 A	10.11	8.61	85.2	17.45	172.6
SE 16-6 B	10.61	13.17	124.1	2.7	25.4
NW 2-14 A	44.7	67.64	151.3	6.78	15.2
NW 2-14 B	75.9	19.85	26.2	7.83	10.3
NW 6-8 A	18.26	12.74	69.8	10.73	58.8
NW 6-8 B	6.58	12.63	191.9	7.78	118.2
NE 2-8 A	4.81	2.89	60.1	2.88	59.9
NE 2-8 B	4.89	3.89	79.6	4.28	87.5
NE 6-16 A	48.23	10.49	21.7	5.18	17.0
NE 6-16 B	51.31	25.67	50.0	12.85	25.0
NE 6-24 A	15.76	7.57	48.0	8.2	52.0
NE 6-24 B	51.9	27.16	52.3	26.81	51.7

2 - 1.5 - 1.5 is questionable

# TRU SOIL DATA, ISLAND: JANET (ENJEBI)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	PC/g TRU		PC/g TRU	% OF 0 cm	PC/g TRU	% OF 0 cm
NE 10-8 A	70.99		32.76	46.1	27.93	39.3
NE 10-8 B	52.0		30.71	59.1	23.52	45.2
NE 10-22 A	52.96		26.09	49.3	26.05	49.2
NE 10-22 B	50.37		26.59	53.4	13.84	27.5
NW 29-7 A	8.2		7.51	91.6	6.05	73.8
NW 29-7 B	7.55		9.17	121.5	9.68	128.2
NW 21-7 A	14.38		9.82	68.3	10.96	76.2
NW 21-7 B	13.08		10.03	76.7	13.76	105.2
WB 22-0 A	4.93		14.87	301.6	16.4	332.7
WB 22-0 B	18.32		14.11	77.0	13.7	71.0
SW 14-2 A	11.9					
SW 14-2 B	15.41					
NW 14-8 A	23.21		7.88	34.0	5.65	24.3
NW 14-8 B	27.02		11.26	41.7	9.51	35.2
EB 10-0 A	76.56					
EB 10-0 B	44.35					
EB 2-0 A	12.82					
EB 2-0 B	13.93					
WB 6-0 A	15.63					
WB 6-0 B	11.77					
NE 14-18 A	9.09		11.73	129.0	16.09	177.0
NE 14-18 B	11.06		10.01	90.5	14.74	133.3
SE 12-24 A	47.55		21.57	45.4	14.74	31.0
SE 12-24 B	29.63		11.23	37.9	10.15	34.3
SE 12-30 A	7.12		11.17	156.9	7.15	100.4
SE 12-30 B	9.7		16.36	168.7	15.26	157.3
SW 10-6 A	3.88		3.08	79.4	3.87	99.7
SW 10-6 B	4.37		3.09	70.7	2.22	50.8



# TRU SOIL DATA, ISLAND: PEARL (LUJOR)

LOCATION/COMPOSITE		0cm (SURFACE)	10 cm		20 cm	
		PC/g TRU	PC/g TRU	% OF 0 cm	PC/g TRU	% OF 0 cm
9-S-2	A	31.33	8.31	26.5	7.17	22.9
	B	33.59	22.85	68.0	9.56	28.5
11-S-5	A	14.65	11.61	79.2	6.68	45.6
	B	10.49	11.89	113.3	3.04	29.0
5-N-1 (160° orientation)	A	65.78	4.79	7.3	3.67	5.6
	B	130.4	29.1	22.3	26.55	20.4
5-N-1 (resample at 150° at 100m)	A	127.6	12.22	9.6	23.4	18.3
	B	144.4	16.63	11.5	9.74	6.7
5-S-3 (280°)	A	309.8	223.6	72.2	62.05	20.0
	B	415.4	126.4	30.4	248.6	59.8
5-S-3 [LOCATION DICT. EXACT] (resample at the road at 270°)	A	288.0	69.8	24.2	109.1	37.9
	B	665.9	110.3	16.6	76.6	11.5
1-S-1 (280°)	A	219.9	26.38	12.0	3.93	1.8
	B	90.6	161.3	178.0	102.32	112.9
1-S-1 (resample at 300°)	A	159.8	9.09	5.7	19.7	12.3
	B	103.9	54.83	52.8	42.34	40.8
8-B-0	A	78.4	47.81	61.0	28.44	36.3
	B	182.5	93.8	51.4	51.86	28.4
1-N-1	A	235.9	89.8	38.1	67.14	28.5
	B	295.4	293.9	99.5	244.2	82.7
3-S-1	A	287.0	125.4	43.7	96.7	33.7
	B	45.44	21.28	46.8	20.18	44.4
5:5-S-3	A	635.0	200.0	31.5	193.8	30.5
	B	609.0	81.9	13.4	100.5	16.5
6-S-1	A	136.0	30.04	22.1	10.75	7.9
	B	116.4	27.53	23.7	24.71	21.2
8-S-4	A	16.89	13.04	77.2	9.12	54.0
	B	14.9	8.6	57.7	7.88	52.9

# TRU SOIL DATA, ISLAND: SALLY (AOMON)

(includes only data taken before the pit and removal project)

LOCATION/COMPOSITE	0 cm (SURFACE)		10 cm		20 cm	
	PC/g TRU		PC/g TRU	% of 0 cm	PC/g TRU	% of 0 cm
26-N-12	A	500.7	67.68	13.5	105.42	21.1
	B	551.3	111.93	19.3	52.31	9.0
28-S-2	A	6.32	4.6	72.8	2.52	39.9
	B	13.08	5.73	43.8	2.17	16.6
14-S-10	A	39.99	94.57	236.5	23.34	58.4
	B	54.91	31.8	57.9	6.1	11.1
24-N-10	A	1.36	0.95	72.1		
	B	5.49				
2-N-2	A	0.39	*0.71	182.1	0.24	61.5
	B	0.34	0.35	111.8	0.29	85.3
12-S-4	A	*0.25	*0.07	25.0	*0.1	40.0
	B	*0.15	*0.08	53.3	*0.06	40.0
14-S-8	A	*0.13	*0.07	53.8	*0.09	69.2
	B	*0.08	*0.05	62.5	*0.05	100.0
18-N-4	A	4.29	2.26	52.7	1.85	43.1
	B	7.34	6.04	82.3	4.56	62.1
20-S-4	A	2.88	*0.97	33.7	4.14(?)	143.8
	B	1.21	1.04	86.0	1.87	154.5
* : Am-241 LESS THAN MINIMUM DETECTABLE ACTIVITY.						
? : QUESTIONABLE DATA.						