404898

DATA SUMMARY FOR RONGELAP ATOLL SOILS

Sample No.	Depth Inches	Percent Material greater than 2mm	Percent Nitrogen	Exchange Capacity ME/100 GMs.	PH	PPM Na	ME/100 GMs Na	PPM Ca	ME/100 GMs Ca	PPM Mg	ME/100 Gms Mg.	PPM K	ME/100 GMs K
2A	0-5	1.0	0.35	15.6	8.35	25	0.5	695	17.5	63	2.6	11	0.1
2B	7-12	0.5	0.09	3.6	8.5	9	0.2	310	6.3	30	1.0	3	0
2C	12-22	2.0	0.04	1.4	8.8	10	0.2	305	6.1	25	0.8	2	0
2D	22-36	7.5	0.02	0.3	9.1	7	0.1	295	5.9	26	0.9	0	0
2E	36+	12.0	0.02	0.2	9.1	9	0.2	295	5.9	26	0.9	0	0
2F	0-2	8.0	0.08	3.6	8.4	34	0.7	250	5.5	60	3.3	7	0.1
2G	2-5	16.0	0.13	5.5	8.4	14	0.2	240	5.4	47	1.6	3	0
2H	5-9	10.0	0.07	1.9	8.6	11	0.2	265	5.4	34	1.1	1	0
2I	9-12	11.5	0.15	6.2	8.3	25	0.4	375	7.5	70	2.3	3	0
2J	12-18	37.5	0.09	3.0	8.5	23	0.4	350	7.1	43	1.5	1	0
2K	18-37	7.0	0.03	0.8	9.0	17	0.3	300	6.0	32	1.6	0	0
2L	37-44	14.0	0.03	0.4	9.0	15	0.3	260	5.2	38	1.3	0	0
2M	44+	21.0	0.01	0.2	8.5	23	0.4	310	6.2	46	1.5	1	0
3A	Surface	0.0	2.06	91.2	8.0	107	3.2	1500	50.1	560	31.2	63	1.1
3B	0-4	0.0	0.35	15.1	7.7	45	0.8	605	12.1	108	3.6	6	0.1
3C	4-16	0.0	0.09	3.2	8.6	14	0.2	375	7.5	32	1.1	2	0
3D	16-31	4.0	0.02	0.5	8.9	5	0.1	295	5.9	18	0.6	3	0
3E	31-35	62.0	0.14	0.1	8.3	39	0.3	505	10.1	53	1.8	0	0
3F	35-44	45.0	0.08	2.4	8.5	9	0.2	380	10.0	35	1.6	0	0
3G	44+	23.0	0.08	0.4	9.0	11	2.0	325	8.6	35	1.6	0	0
4A	Surface	9.5	1.54	20.5	7.4	86	3.0	370	10.3	150	7.0	87	1.2
4B	0-1	19.5	1.96	43.6	7.1	173	0.8	930	24.2	170	7.4	104	1.5
4C	1-5	19.5	0.42	17.9	7.9	38	0.4	545	14.1	93	4.0	19	0.2
4D	5-12	27.0	0.18	7.2	8.2	20	0.4	250	6.2	52	2.2	7	0.1
4E	12-20	59.0	0.07	2.6	8.6	12	0.4	305	7.7	29	1.2	2	0.1
4F	20-26	56.0	0.05	1.7	8.8	20	0.6	310	7.8	25	1.1	2	0
5A	3	7.5	0.43	18.5	8.1	26	0.3	670	17.4	57	2.5	11	0.1
5B	12	22.5	0.10	3.8	8.2	14	0.3	345	8.9	28	1.2	5	0.1
5C	20	45.0	0.03	0.4	8.7	12	0.4	320	8.2	25	1.1	1	0
6A	0-1	34.0	0.22	7.4	8.9	20	0.1	395	9.9	29	1.2	7	0.1
6B	1-11	8.0	0.02	0.5	9.1	6	0.1	270	6.7	22	1.2	0	0
6C	11-38	2.0	0.01	1.1	9.2	5	0.5	250	6.4	22	1.0	0	0
7A	0-3	32.5	0.36	20.5	8.0	23	0.5	460	12.0	82	3.6	23	0.3
7B	3-11	32.0	0.09	4.3	8.3	31	0.7	325	8.2	26	1.1	6	0.1
7C	11-21	16.0	0.04	1.2	8.5	18	0.4	300	7.6	23	1.0	3	0
7D	21-51	51.5	0.02	0.6	8.8	43	1.0	310	8.1	25	1.1	2	0
7E	51+	44.5	0.02	0.6	8.5	71	1.6	285	7.4	35	1.6	4	0

DOE ARCHIVES

BEST COPY AVAILABLE

Sample No.	Depth Inches	Percent Material greater than 2mm	Percent Nitrogen	Exchange Capacity ME/100 GMs	PH	PPM Na	ME/100 GMs Na	PPM Ca	ME/100 GMs Ca	PPM Mg	ME/100 GMs Mg	PPM K	ME/100 GMs K
8A	0-3	0.0	0.29	11.9	8.4	35	0.8	425	10.8	80	3.4	18	0.2
8B	3-10	5.1	0.07	2.8	8.6	15	0.3	305	7.6	32	1.3	4	0
8C	10-12	18.0	0.08	3.7	8.3	7	0.2	340	8.5	32	1.3	3	0
8D	12-21	12.5	0.04	1.3	8.8	7	0.2	315	7.9	23	1.0	1	0
8E	21-48	2.4	0.02	0.6	9.1	3	0.4	305	7.6	22	1.0	1	0
9A	0-9	22.0	0.35	18.0	7.9	27	0.6	875	22.1	79	3.3	9	0.1
[illegible]	9-16	67.5	0.20	16.1	7.8	91	2.0	865	22.1	77	3.4	2	0
[illegible]	18-24	57.5	0.12	9.4	8.1	127	2.8	370	9.4	77	3.4	11	0.1
9D	24+	56.5	0.06	4.3	8.1	109	2.4	300	7.8	74	3.2	9	0.1
[illegible]	0-4	8.0	0.47	22.0	8.1	48	1.0	690	17.4	150	6.3	14	0.2
10A	4-8	0.0	0.09	4.1	8.3	11	0.2	260	6.7	40	1.7	2	0.0
10B	8-12	35.5	0.26	4.4	8.1	27	0.6	565	14.3	70	2.9	9	0.1
[illegible]	12-15	48.5	0.08	5.0	8.1	6	0.1	325	8.4	36	1.5	2	0
[illegible]	15-33	47.0	0.03	1.0	8.8	6	0.1	275	6.9	22	1.2	1	0
[illegible]	33+	62.0	0.02	0.4	8.8	2	0.0	250	6.2	20	0.8	1	0
[illegible]	0-3	0.0	0.50	21.5	8.5	14	0.3	785	20.0	56	2.4	18	0.2
[illegible]	3-14	0.0	0.17	7.8	8.5	5	0.1	400	10.2	26	1.1	7	0.1
[illegible]	14-17	7.0	0.22	11.2	8.3	4	0.1	575	14.7	41	1.7	5	0.1
[illegible]	17-27	2.0	0.03	0.8	8.5	5	0.1	305	7.6	15	0.6	0	0
[illegible]	27-40	0.0	0.02	Less than 0.3	8.9	4	0.1	275	7.0	20	0.8	0	0
[illegible]	Surface	0.0	1.50	113.0	8.3	77	3.2	725	34.2	144	11.4	44	1.1
[illegible]	0-1	3.0	0.46	22.4	7.9	60	1.0	630	19.7	93	4.8	26	0.4
[illegible]	1-4	4.8	0.12	5.7	8.2	42	1.0	330	9.4	33	1.6	12	0.2
[illegible]	4-9	4.0	0.11	5.0	8.2	24	0.6	365	9.7	33	1.5	8	0.1
12D	10-14	42.0	0.09	4.0	8.7	22	0.5	405	10.4	41	1.8	6	0.1
12E	14-22	40.0	0.10	4.0	8.4	37	0.8	370	9.9	46	2.0	6	0.1
12F	22-36	48.0	0.02	2.4	9.0	23	0.5	340	8.5	25	1.0	1	0
13A	0-1	38.0	0.76	32.2	7.6	86	3.0	710	23.8	150	8.4	39	0.6
13B	1-9	30.0	0.10	3.4	8.4	16	0.4	365	9.5	43	6.2	4	0
13C	9-11	35.5	0.16	7.0	8.4	44	1.0	445	11.2	68	2.8	12	0.2
13D	11-16	51.0	0.06	2.5	8.7	19	0.4	310	7.8	36	1.5	3	0
13E	16-22	22.0	0.04	1.4	9.1	12	0.3	310	7.8	25	1.0	3	0
13F	22-25	65.5	0.06	2.2	8.7	22	0.5	335	8.4	28	1.2	4	0
13G	31-36	61.5	0.04	1.0	9.0	12	0.3	345	8.6	26	1.1	3	0
14A	0-2	31.5	0.60	25.8	7.8	111	2.6	620	16.8	163	7.4	30	0.4
14B	2-6	53.0	0.18	5.7	8.5	34	0.8	305	7.8	43	1.8	6	0.1
14C	6-18	70.5	0.05	2.2	8.3	119	2.7	265	6.8	47	2.0	6	0.1
14D	24-26	46.0	0.07	3.0	8.7	36	0.8	330	8.5	32	1.4	2	0
14E	26-32	43.5	0.04	2.1	8.7	35	0.8	330	8.5	31	1.4	1	0
[illegible]	68+(F)68+	20.0	0.03	0.4	8.7	4	0.0	360	9.2	39	1.7	2	0

DOE ARCHIVES

Sample No.	Depth Inches	Percent Material greater than 2mm	Percent Nitrogen	Exchange Capacity ME/100 GMs	PH	PPM Na	ME/100 GMs Na	PPM Ca	ME/100 GMs Ca	PPM Mg	ME/100 GMs Mg	PPM K	ME/100 GMs K
15A	0-5	42.0	0.11	5.0	8.5	17	0.6	260	7.0	53	2.4	6	0.1
15B	5-12	31.0	0.04	1.4	9.0	12	0.4	325	8.6	37	1.6	4	0
15C	22-40	26.0	0.03	0.7	9.2	10	0.2	310	7.8	33	1.4	2	0
15D	40-60	28.5	0.03	0.5	9.0	26	0.6	305	8.0	42	1.8	2	0
15	67+(E)67	0.0	0.03	0.5	9.0	43	1.0	320	10.5	46	2.0	3	0
16A	0-6	16.5	0.04	0.6	8.9	5	0.1	305	7.0	27	1.2	2	0
16B	6-24	57.5	0.04	1.2	8.5	106	2.5	270	7.2	53	2.4	7	0.1
16C	31-48	31.5	0.01	0.6	8.9	160	3.8	265	7.2	63	2.8	11	0.1
17A	0-1	0.0	0.83	40.0	7.7	58	1.4	470	12.8	200	9.0	36	0.5
17B	1-5	0.0	0.11	3.8	8.2	21	0.5	305	8.8	41	1.8	8	0.1
17C	5-14	0.0	0.04	0.8	8.7	11	0.2	245	6.3	17	0.7	3	0
17D	14-15	0.0	0.08	2.6	8.6	24	0.5	350	9.2	36	1.6	4	0
17E	15-36	0.0	0.04	0.8	9.0	11	0.2	310	8.0	18	0.8	3	0
17F	36-50	6.5	0.02	0.4	8.9	9	0.2	305	8.0	25	1.1	9	0
18A	0-1	6.5	0.18	11.6	8.1	24	0.5	555	14.2	58	2.5	9	0.1
18B	1-5	20.0	0.12	8.2	8.5	13	0.3	350	9.5	63	2.8	3	0
18C	5-18	30.0	0.05	1.7	8.6	30	0.7	245	7.0	46	2.2	1	0
19A	0-11	40.0	0.59	31.9	8.0	9	0.5	515	31.4	41	4.2	3	0.1
19B	11-16	64.5	0.07	2.6	8.5	16	1.0	355	9.2	38	1.6	0	0
19C	16-29	91.0	0.06	1.5	8.9	3	0.1	365	9.9	17	0.8	0	0
19D	29-30	87.0	0.08	2.6	8.9	5	0.1	365	10.9	25	1.2	0	0
19E	30-40	89.0	0.02	0.4	9.1	10	0.3	340	9.0	25	1.1	0	0
19F	40-50	47.5	0.02	0.9	8.9	27	0.6	290	8.0	14	0.6	0	0
20A	0-8	40.5	0.60	31.4	8.0	10	0.5	435	28.9	29	3.2	4	0.1
20B	8-18	40.5	0.13	7.6	8.1	17	0.9	445	12.1	24	1.1	2	0
20C	18-40	42.0	0.02	0.9	8.8	17	0.4	305	8.2	11	0.5	1	0
20D	40-48	46.0	0.02	1.2	9.0	37	0.9	305	8.8	28	1.4	0	0
Kabelle Random		19.0	0.60										
Rongelap Random		8.0	0.40										
Wash. Area No. 2		10.0	0.03	0.4									

DOE ARCHIVES

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