

Classification changed to ~~CONFIDENTIAL~~ ~~RESTRICTED~~ ~~SECRET~~ OK UNCL PL
 by authority of the U. S. Atomic Energy Com. 11-8-58 3-9-83

By R. D. Ketch (Date) 11-8-58
 (Person authorizing change in classification)
 Signature of person making the change and date

NO.	DATE	TIME	LOCATION	DESCRIPTION	AMOUNT	ACTIVITY
77	6 March	0800	Likiep Island Likiep Atoll	Collected from largest eastern on hardest populated island of atoll RC 826 US ATOMIC ENERGY COMMISSION	77	.9
78	6 March	1200	Jemo Island	Same as 77	550	.74
79	6 March	1700	Atikr Island Atikr Atoll	Same as 77	2500	.21
80	7 March	1300	Majit Island	Same as 77	2500	.4
81	4 March	0900	Delirik Atoll	Composite of 4 water samples taken by the USG HENSHAW	430	.63
82	5 March	1600H	Orned Island Wotje Atoll	Composite: 1/2 from catch-basin	100	.0
83	6 March	1130	Laven Island Maloolap Atoll	1 from well	67	.43
84	6 March	1130	Raven Island Maloolap Atoll	1 from catch-basin	31	.44
85	6 March	1630	Notko Island Notko Atoll	1 from well (catch-basin dry for 1 month plus)	7	.85
86	7 March	1200	Dalap Island Majuro Atoll	Tap Water	24	.15
87	9 March	0930	Rongelap Island	Composite of 6 bottles. Chart 1A- cluded to show location of bottles on Rongelap Island	120,000 47,000 24,000 11,000 63,000	No. 1 →
88	9 March	0930	Rongelap Island	Central eastern of village	50,000	.70
89	9 March	0930	Rongelap Island	Eastern water from north part of island	73,000	.86
90	9 March	0930	Rongelap Island	Eastern water from northern most village	8,000	.90

4/2/81
 (ON SAMPLE DATA)
 Location LANL
 Collection F-23, B-195
 Folder Castle T.N.W.

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CONFIRMED TO BE UNCLASSIFIED
 BY AUTHORITY OF DOE/OC
 REVIEWED BY J. Day 8/17/83
 DATE

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 LANL 83

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SAMPLE NO.	DATE	TIME	LOCATION	DESCRIPTION	(OR SAMPLE DATA)
015	March 1970	0930	Bangkok Island	South eastern in village	60,000 78
017	March 1970	0930	WIS-11	Claystone	7,200 78
018	March 1970	0930	Palmetto Island	Matillanum water	33,000 52
				Bangkok ADALL	66 62

31742

Castle Hill

3

RDK

<u>SAMPLE NO.</u>	<u>DATE</u>	<u>TIME</u>	<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>d/m/gm</u> (On Sample Date)	
81	6 March	0800	Likiep Island, Likiep Atoll	Upper layer bare soil in random spots unsheltered by trees or shrubs etc.	23,000	.56
82	6 March	1300	Jemo Island	Same as above	19,000	.11
83	6 March	1700	Ailuk Island, Ailuk Atoll	Same as above	23,000	.36
84	7 March	1300	Mejit Island,	Same as above	30,000	.48
85	5 March	1600M	Ormed Island, Wotje Atoll	Composite of 5 samples (1 beach, 3 mid-village, 1 back village)	15,000	.18
86	5 March	1730	Erikub Island, Erikub Atoll	Composite of 2 samples (1 mid-village, 1 halfway to beach)	4,300	.63
87	6 March	1130	Kaven Island, Maloclap Atoll	Composite of 4 samples (2 from village, 2 from paths to beach)	5,500	.74
88	6 March	1630	Wotho Island, Wotho Atoll	Composite of 3 samples (1 by well, 2 mid-village)	2,400	.38
89	7 March	1200	Dalap Island, Majuro Atoll	Composite of 4 samples (near Admin Bldg)	950	.98
? 810	7 March	1200	Utirik	Composite of 3 samples	270,000	.43
811	8 March	0930	Rongelap Island	Soil from north part of island	1,300,000	.12
812	8 March	0930	Rongelap Island	Center portion of island	7,400,000	.87
813	8 March	0930	Rongelap Island	1 mile north of Rongelap village	460,000	.66
814	8 March	0930	Rongelap Island	Near south eastern of village	630,000	.80
			Eriirippa Island		35,000,000	.55

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By R. D. Kasha 10-8-58 (Date)
(Person authorizing change in classification)

By Bertie L. Grant 10-9-58
(Signature of person making the change, and date)

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LANL RC

SAMPLE NO.	DATE	TIME	LOCATION	DESCRIPTION	(On Sample Basis) (d/m/gm)
816	8 March	0930	Kalwetak Island		3,200,000 .51
817	8 March	0930	Kobelle Island		20,000,000 .30
818	9 March	0930	Uluvek Island		5,600,000 .75
819	9 March	0930	Bikar Island		280,000 .45
820	10 March	0930	Kalwetak Island		1,200,000 .08
821	10 March	0930	Sife Island	Temporary village-Millingline Atoll	84,000 .92
822	9 March	0930	Bikar Island	Pollage, windward side	460,000 .66

d/m/gm of plant ash (Eqvly. to 1.4 x 10⁶ d/m/gm plant as received)

Soil values may be roughly translated to curies per square mile by dividing by 13, or to d/m/ft² by multiplying by 6000.



[REDACTED]

Castle T-14
OK OVO
RDK

SURVEY PARTY TO VISIT RONGELAP AND UTIRIK ATOLLS

1. Composition of Party:

PRIVACY ACT MATERIAL REMOVED

<u>NAME</u>	<u>ORGANIZATION</u>	<u>FUNCTION</u>
	HQ JTF SEVEN	Senior Member
	JTF SEVEN, LASL	Health Matters
	JTF SEVEN, PHS	Health RadSafe
	H&N, AEC Contractor	Decon & Recon- struction
	H&N, AEC Contractor	Decon & Recon- struction
	H&N, AEC Contractor	Decon & Recon- struction
	TU 9, TG 7.1	Photographer
	TU 9, TG 7.1	Photographer
	TERPACIS	Representative of HICOMTERPACIS
	COMNAVSTAKWAJ	Representative of CINCPACFLT
	RONGELAP Atoll	Magistrate
	RONGELAP Atoll	Interpreter
	RONGELAP Atoll	Asst to Magistrate
	Utirik Atoll	Magistrate
--	Utirik Atoll	Interpreter
--	Utirik Atoll	Asst to Magistrate

2. Mission of Party: The Survey party will visit and inspect the residential areas of Rongelap and Utirik Atolls to determine:

- a. Radiological situation current and projected in future.

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PRIVACY ACT MATERIAL REMOVED

8

[REDACTED]

- b. Health and sanitation conditions.
- c. Decontamination required before inhabitants return.
- d. Repair, renovation, and reconstruction required to return facilities and homes to pre-evacuation standards.
- e. Disposition of animals and livestock now present.
- f. Type and number of animals and livestock to be replaced.
- g. Type and quantity of foodstuffs to be provided.
- h. Recommended mode of transportation for return of inhabitants.
- i. Recommended time of return of inhabitants to two atolls.
- j. Estimate of costs incident to renovation of homes and facilities and return of inhabitants.
- k. Recommended new home in the event it is necessary to forbid reentry of Rongelap.

3. Concept of Operation of Party:

- a. Party will assemble at Kwajalein at 1400 hours, 20 April. Group from Eniwetok will proceed to Kwajalein by air on 19 April.
- b. Party will board DDE 498 and sail for Rongelap evening, 20 April.
- c. Party will survey Rongelap 20-22 April, collecting samples and disposing of animals as necessary.
- d. Part of party will fly by PEM to Utirik morning of 23 April.

[REDACTED]

[REDACTED]

[REDACTED]

e. Party will survey Utirik 23 April, collecting animals for return to Kwajalein.

f. Party will return to DDE at Rongelap late afternoon of 23 April.

g. DDE will return to Kwajalein night 23-24 April.

h. Conference at Kwajalein 24 April with Cdr Cronkite and draft report of survey trip.

i. Eniwetok members of party return to Eniwetok 24 or 25 April, depending on progress of report and operational status of JTF SEVEN.

j. Submission of report to CJTF SEVEN on 28 April.

k. Forwarding of report to CINCPACFLT and distribution of copies to interested agencies.

NOTE- If it appears that the Rongelap natives may not return to that atoll for safety reasons, and if they will accept relocation to another place suggested by TERPACIS, the survey party may delay return to Eniwetok until after a visit to place suggested.

4. Responsibilities:

The responsibilities of different commands and agencies in the re-establishment of these native populations in their home atolls are as follows:

a. PACFLT or JTF SEVEN will transport natives back to home atolls.

b. JTF SEVEN and AEC will insure adequate health, sanitation, and Red3afe conditions.

c. JTF SEVEN and H&N will effect necessary decontamination, renovation, and reconstruction.

[REDACTED]

d. HICOMTERPACIS will provide replacement of animals and livestock. PACFLT or MSTB will transport animals to atolls.

e. CINCPAC will have overall responsibility and will coordinate efforts of participating agencies. JTF SEVEN will assist with Task Force facilities until they are returned to EI.

f. JTF SEVEN will provide funds for the entire operation, except normal service support.

g. JTF SEVEN and AEC will provide necessary continued medical observation of natives and attendant radiological studies.

D. O. Byers

DAVID O. BYERS, JR.
Colonel, US4

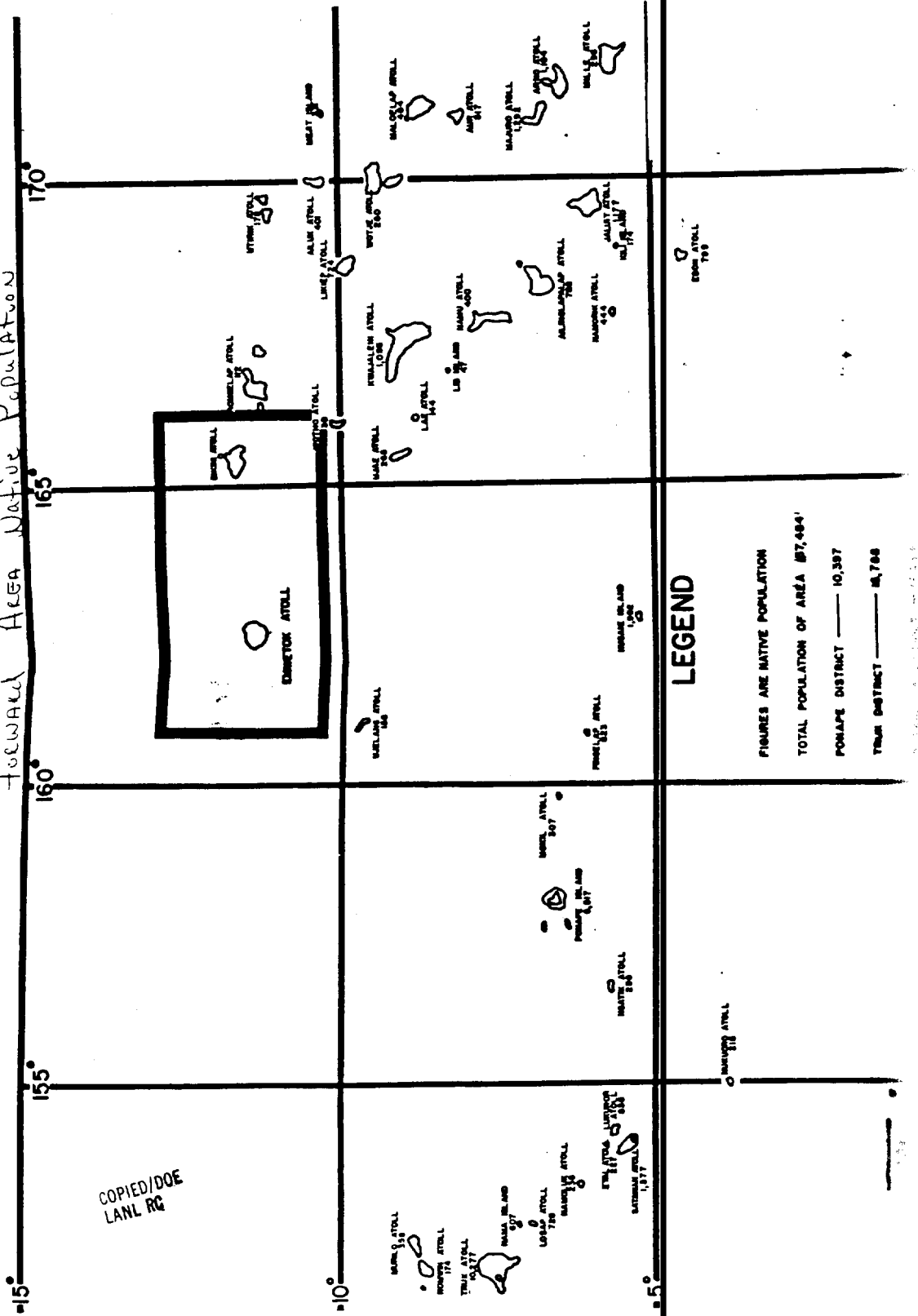
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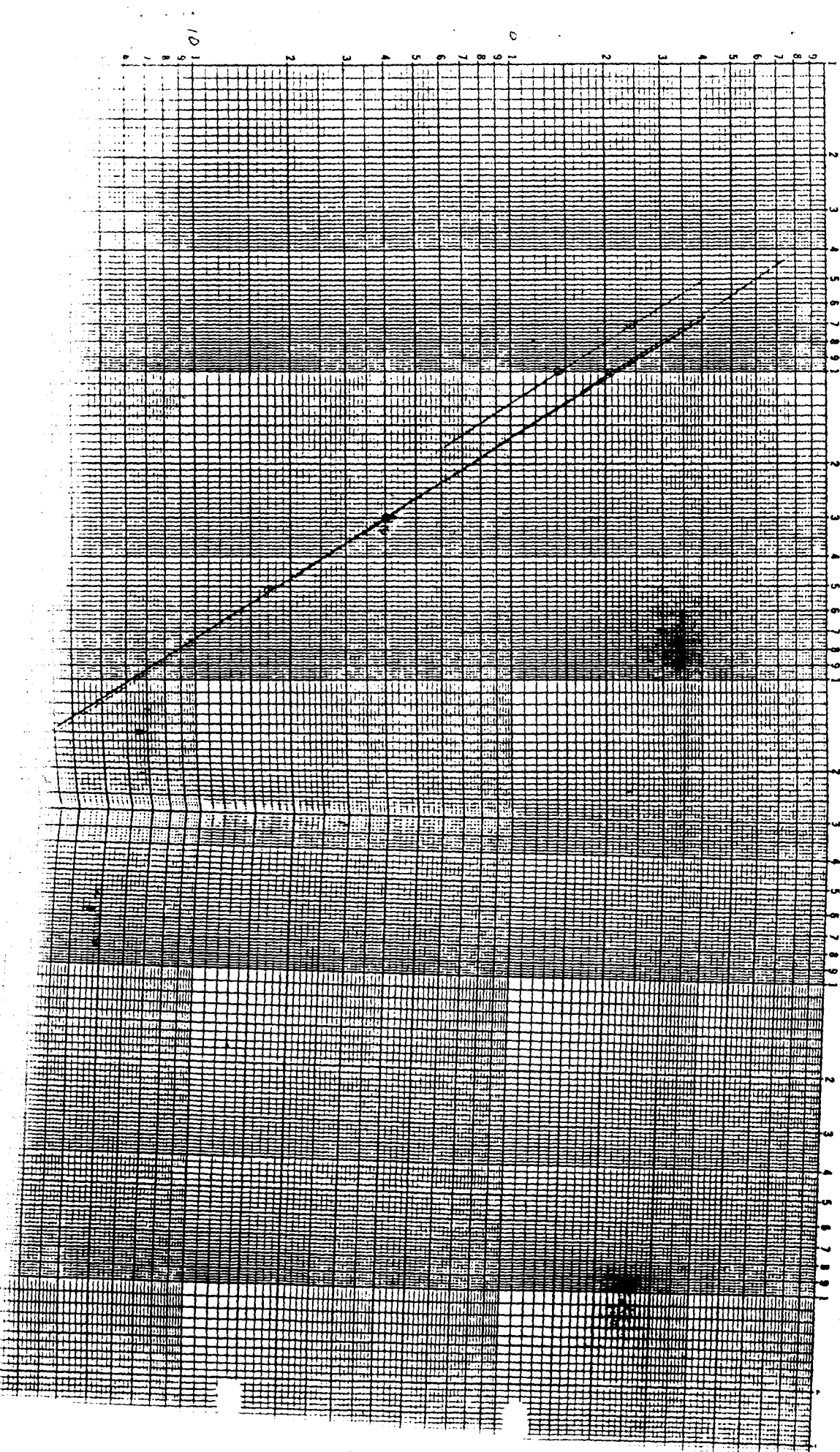
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1 AML EC

Forward Area Native Population



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LAMI RC

No. 35911, 10 x 10 to the half inch, 2 1/2 inch extended.
Engineering 7 x 10 in.

KEUFFEL & ESSER CO.

DISINTEGRATIONS PER ML OF WATER

10²
10¹
10⁰
10⁻¹
10⁻²

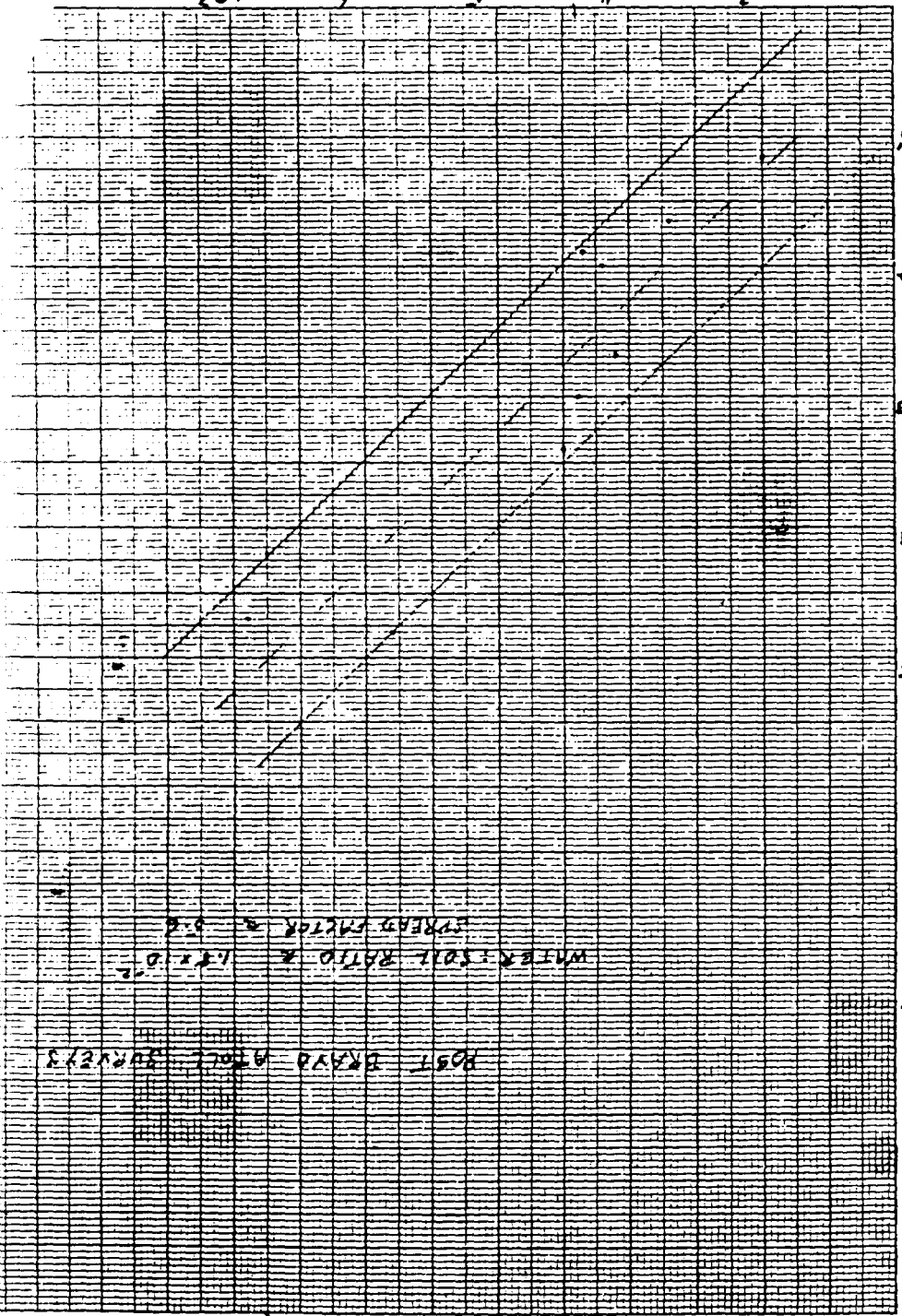
10²
10¹
10⁰
10⁻¹
10⁻²

10²
10¹
10⁰
10⁻¹
10⁻²

10²
10¹
10⁰
10⁻¹
10⁻²

10²
10¹
10⁰
10⁻¹
10⁻²

DISINTEGRATIONS PER MINUTE PER GRAM OF SOIL
10²
10¹
10⁰
10⁻¹
10⁻²



WATER:SOIL RATIO = 1:100
SPREADSHEET = 0.8

BOST BRAYD A SOIL SAMPLES