

Material: Nineteen (19) coprolite specimens (dessicated human fecal pellets) collected at the prehistoric archeological site of Lovelock, Nevada (Lovelock Cave, about fifteen miles southwest of Lovelock, Nevada)

Submitted: June 10, 1968 by Dr. G. J. Stopps, Haskell Laboratory, E. I. dePont deNemours and Company, Inc., Wilmington, Delaware 19898

Required: Lead Analyses

Analysis Number	Sample Number	Grams Analyzed	PPM Lead	
			As Received	Ash
68A-3745	1	1.324	2.1	13.4
68A-3746	2	2.132	1.4	5.8
68A-3747	3	0.918	3.3	7.6
68A-3748	4	1.472	2.0	4.7
68A-3749	5	1.445	1.3	2.2
68A-3750	6	1.945	1.5	16.0
68A-3751	7	2.228	1.3	2.3
68A-3752	8	1.695	0.6	2.3
68A-3753	9	1.973	1.4	3.4
68A-3754	10	1.295	0.6	4.7
68A-3755	11	2.509	1.0	6.4
68A-3756	12	1.288	2.6	15.9
68A-3757	13	1.918	2.5	6.8
68A-3758	14	1.147	3.3	31.6
68A-3759	15	2.535	1.7	5.7
68A-3760	16	3.770	1.3	25.7
68A-3761	17	1.743	2.5	5.6
68A-3762	18	0.859	4.0	8.0
68A-3763	19 (soil)	3.141	2.4	2.6

N37536

Reported: 7-9-68

art 44 2347 8.24

KEHUE ET AL. Fecal Leads - 61 Q65 Men (4: samples missing).

JAN 87: 2081, 1926

1848 - EXCRETORY SYSTEM

NO KNOWN EXPOSURE

mgm Pb
per
100 gms Dry wt

#	mgm Pb per 100 gms Dry wt
1	2.26
5	1.23
10	1.35
12	1.17
18	0.35
22	1.07
24	1.35
26	3.28
31	0.88
32	1.49
34	0.73
35	0.45
38	0.92
41	1.54
43	0.72
44	0.73
48	0.81
49	0.90
50	0.80
53	2.42
54	0.42
56	0.33
57	1.91
58	1.44
59	1.36
60	1.64
62	0.50
63	2.31

WELCH ET AL. J. IND. HYG. 15: 320-340 - Sept. '33

1 mg = 1:1000
 .001 mg = 1:1,000,000
 .21 mg

LEAD POISONING.

mg/Gm
 act. PPM

Pin-
 core
 exposure

UK-	Swedish	0.21
F-WB	Swedish	0.26
AG	Swedish	0.45
HB	Swedish	0.30
RS	Swedish	0.33
WC	Swedish	0.27
WF	Swedish	0.70
G	Swedish	1.08

Question
 1. 2-3 hr.
 2. 8-9 hr.
 3. 24 hr.
 4. 48 hr.
 5. 1 yr.

#	3	4	7	15	19	20	21	23	25	26	27	30	36	37 ²	42	45	46	51 ²	55	61	63	64	65
	0.92	2.88	0.93	0.43	1.58	2.30	0.39	1.68	1.42	2.30	1.59	1.87	1.99	2.69	1.48	2.03	0.41	2.28	0.53	1.20	2.31	1.52	2.31

CONVERSION: 1 mgm = 0.001 Gms

1,001 Gms = 1000
 = .01 " " 1000
 = .1 " " 10,000
 = 1.0 " " 100,000
 = 10.0 " " 1,000,000
 = 10 PPM

NOTE: SPECIMENS NOT
 DRIED TO CONSTANT WT.
 NON-EXP.

Occasion Exposure
 (before painting etc.)

Exposure -
 various auto

#	mgm Pb per 100 Gms DRY WT	PPM	mgm Pb per 100 Gms DRY WT	PPM	mgm Pb per 100 Gms	PPM
1	2.26	22.6	2.22	22.2	0.92	9.2
5	1.23	12.3	1.25	12.5	2.88	28.8
10	1.35	13.5	1.95	19.5	0.93	9.3
12	1.17	11.7	6.73	67.3	0.43	4.3
18	0.35	3.5	3.27	32.7	1.58	15.8
22	1.07	10.7	3.13	31.3	2.30	23.0
24	1.35	13.5	0.75	7.5	0.39	3.9
26	3.30	33.0	1.05	10.5	1.68	16.8
31	0.88	8.8	0.39	3.9	1.42	14.2
32	1.49	14.9	1.35	13.5	1.59	15.9
34	0.73	7.3	1.89	18.9	1.87	18.7
35	0.45	4.5	1.97	19.7	1.49	14.9
38	0.92	9.2			2.69	26.9
41	1.54	15.4			1.48	14.8
43	0.72	7.2			2.03	20.3
44	0.73	7.3			0.61	6.1
48	0.81	8.1			2.28	22.8
49	0.90	9.0			0.53	5.3
50	0.80	8.0			1.20	12.0
53	2.42	24.2			1.52	15.2
54	0.42	4.2			2.31	23.1
56	0.33	3.3				
57	1.91	19.1				
58	1.44	14.4				
59	1.36	13.6				
60	1.64	16.4				
62	0.50	5.0				
63	2.31	23.1				
Avg		12.3 ± 2.1		21.6 ± 16.8		15.5 ± 7.33

