

822230

093K/14

#####  
SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Sb Unit = . ppm N = 1130

Mean = 0.3781 Min = 0.3010 1st Quartile = 0.3010  
Std. Dev. = 0.1827 Max = 2.1523 Median = 0.3010  
CV % = 48.3172 Skewness = 3.7340 3rd Quartile = 0.3010

Anti-Log Mean = 2.388 Anti-Log Std. Dev. : (-) 1.568  
(+) 3.637

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%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0617)
0.00	0.04	1.863	0.2702	
76.73	76.70	2.147	0.3319	***** --> 250
0.00	76.70	2.475	0.3936	
0.00	76.70	2.853	0.4553	
11.95	88.64	3.289	0.5170	*****
0.00	88.64	3.791	0.5787	
3.89	92.53	4.369	0.6404	*****
2.65	95.18	5.037	0.7021	*****
0.00	95.18	5.806	0.7638	
1.15	96.33	6.692	0.8256	****
1.24	97.57	7.714	0.8873	****
0.62	98.19	8.891	0.9490	**
0.35	98.54	10.249	1.0107	*
0.00	98.54	11.814	1.0724	
0.18	98.72	13.617	1.1341	*
0.18	98.89	15.697	1.1958	*
0.18	99.07	18.093	1.2575	*
0.18	99.25	20.856	1.3192	*
0.35	99.60	24.040	1.3809	*
0.00	99.60	27.710	1.4426	
0.00	99.60	31.941	1.5043	
0.00	99.60	36.818	1.5661	
0.00	99.60	42.439	1.6278	
0.18	99.78	48.919	1.6895	*
0.09	99.87	56.387	1.7512	
0.00	99.87	64.997	1.8129	
0.00	99.87	74.920	1.8746	
0.00	99.87	86.359	1.9363	
0.00	99.87	99.544	1.9980	
0.00	99.87	114.743	2.0597	
0.00	99.87	132.262	2.1214	
0.09	99.96	152.455	2.1831	

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0 1 2 3 4

Each "\*" represents approximately 3.5 observations.

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11:36:08

04/03/91

MT SIDNEY WILLIAMS 1988 SOIL GRID - SET 2

LOGARITHMIC VALUES

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VARIABLE = Sb

UNIT = ppm

N = 1130

N CI = 31

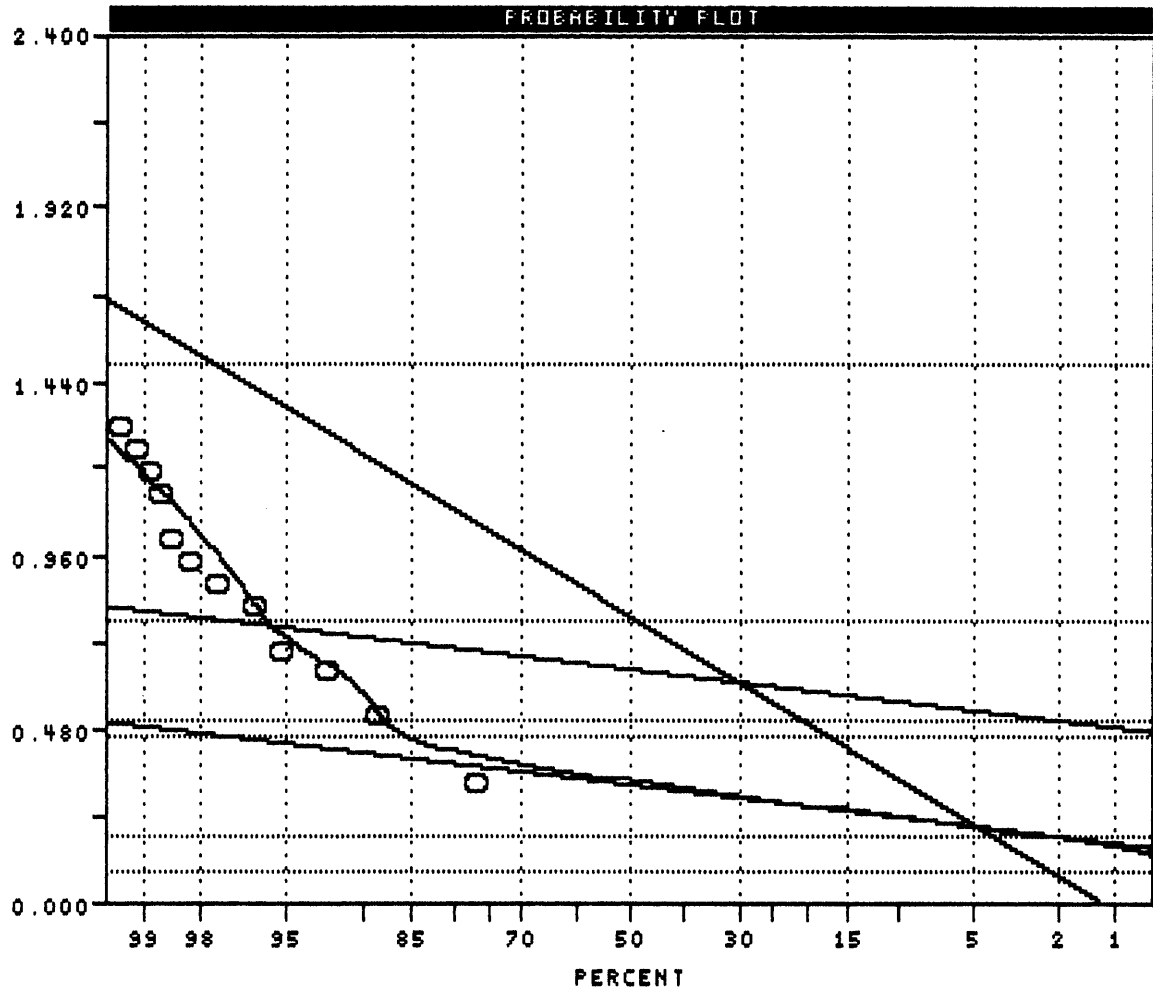
POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	0.3201	0.0708	86.5
2	0.6432	0.0695	5.5
3	0.7879	0.3510	8.0

THRESHOLDS

Pop.	Mean	Std.Dev.
1	0.1785	0.4617
2	0.5043	0.7821
3	0.0859	1.4899



INCOMPLETE ITERATION  
PARAMETER ESTIMATES

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = MTSID\_2.FPL

Variable = Sb Unit = ppm N = 1130  
N CI = 31

Transform = Logarithmic Number of Populations = 3

# of Missing Observations = 0.

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Incomplete Iteration Parameter Estimates

Population	Mean	Std Dev	Percentage
1	2.090	1.775	86.48
		2.460	
2	4.397	3.747	5.49
		5.160	
3	6.136	2.735	8.03
		13.768	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	1.508 2.895
2	3.193 6.055
3	1.219 30.893

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 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Au Unit = ppb N = 1130

Mean = 0.3576 Min = 0.0000 1st Quartile = 0.0000  
 Std. Dev. = 0.4596 Max = 2.7356 Median = 0.3010  
 CV % = 128.5421 Skewness = 1.5313 3rd Quartile = 0.6021

Anti-Log Mean = 2.278 Anti-Log Std. Dev. : (-) 0.791  
(+) 6.564

=====				
%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0912)
-----				
0.00	0.04	0.900	-0.0456	
48.41	48.41	1.111	0.0456	***** --> 158
0.00	48.41	1.370	0.1368	
0.00	48.41	1.690	0.2280	
14.96	63.35	2.085	0.3192	***** --> 49
0.00	63.35	2.572	0.4103	
8.67	72.02	3.173	0.5015	*****
0.00	72.02	3.915	0.5927	
6.37	78.38	4.829	0.6839	*****
3.10	81.48	5.958	0.7751	*****
5.13	86.60	7.350	0.8663	*****
2.21	88.82	9.067	0.9575	*****
2.12	90.94	11.185	1.0486	*****
1.59	92.53	13.799	1.1398	*****
2.92	95.45	17.022	1.2310	*****
0.44	95.89	20.999	1.3222	*
0.80	96.68	25.906	1.4134	***
0.71	97.39	31.958	1.5046	**
0.53	97.92	<u>39.424</u>	1.5958	**
0.35	98.28	48.635	1.6870	*
0.27	98.54	59.998	1.7781	*
0.18	98.72	<u>74.016</u>	1.8693	*
0.53	99.25	91.309	1.9605	**
0.00	99.25	112.642	2.0517	
0.18	99.43	138.959	2.1429	*
0.09	99.51	171.424	2.2341	
0.00	99.51	211.475	2.3253	
0.09	99.60	260.883	2.4164	
0.18	99.78	321.834	2.5076	*
0.00	99.78	397.026	2.5988	
0.09	99.87	489.785	2.6900	
0.09	99.96	604.216	2.7812	
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0 1 2 3 4

Each "\*" represents approximately 3.5 observations.

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12:34:58

04/03/91

MT SIDNEY WILLIAMS 1988 SOIL GRID - SET 2

LOGARITHMIC VALUES

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VARIABLE = AU

UNIT = ppb

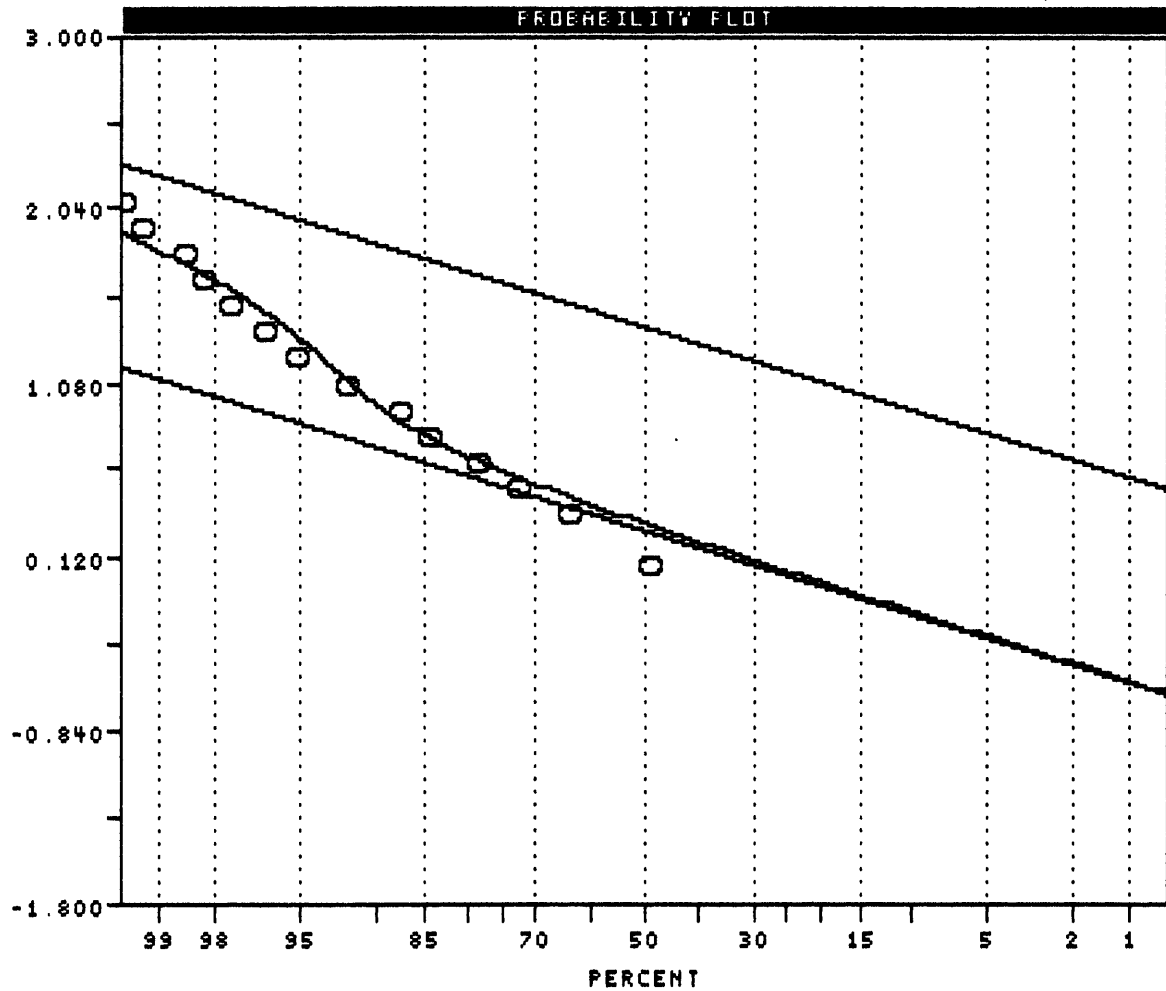
N = 1130

N CI = 20

POPULATIONS

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Pop.	Mean	Std.Dev.	%
1	0.2568	0.3629	91.1
2	1.3786	0.3587	8.9



RAW DATA HL  
PARAMETER ESTIMATES

#####  
 SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Mn Unit = ppm N = 1130

Mean = 2.7827 Min = 1.6532 1st Quartile = 2.5694

Std. Dev. = 0.3050 Max = 3.7828 Median = 2.7723

CV % = 10.9605 Skewness = 0.1242 3rd Quartile = 2.9839

Anti-Log Mean = 606.254 Anti-Log Std. Dev. : (-) 300.373  
(+ ) 1223.625

=====				
%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0710)
-----				
0.00	0.04	41.469	1.6177	
0.09	0.13	48.832	1.6887	
0.00	0.13	57.503	1.7597	
0.00	0.13	67.713	1.8307	
0.27	0.40	79.737	1.9017	*
0.09	0.49	93.895	1.9726	
0.44	0.93	110.568	2.0436	*
0.44	1.37	130.201	2.1146	*
0.80	2.17	153.320	2.1856	***
0.97	3.14	180.544	2.2566	***
1.77	4.91	212.603	2.3276	*****
4.07	8.97	250.354	2.3986	*****
5.49	14.46	294.808	2.4695	*****
6.90	21.35	347.155	2.5405	*****
9.29	30.64	408.798	2.6115	*****
8.67	39.30	481.386	2.6825	*****
8.50	47.79	566.863	2.7535	*****
9.12	56.90	667.518	2.8245	*****
8.14	65.03	786.046	2.8954	*****
7.88	72.90	925.621	2.9664	*****
7.08	79.97	1089.978	3.0374	*****
5.13	85.10	1283.520	3.1084	*****
4.78	89.88	1511.429	3.1794	*****
3.36	93.24	1779.805	3.2504	*****
2.65	95.89	2095.837	3.3214	*****
1.24	97.13	2467.984	3.3923	****
1.15	98.28	2906.211	3.4633	****
0.80	99.07	3422.253	3.5343	***
0.27	99.34	4029.925	3.6053	*
0.35	99.69	4745.499	3.6763	*
0.18	99.87	5588.133	3.7473	*
0.09	99.96	6580.390	3.8183	

0                    1                    2                    3                    4

Each "\*" represents approximately 3.5 observations.

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12:43:20

04/03/91

MT SIDNEY WILLIAMS 1988 SOIL GRID - SET 2

LOGARITHMIC VALUES

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VARIABLE = Mn

UNIT = ppm

N = 1130

N CI = 31

POPULATIONS

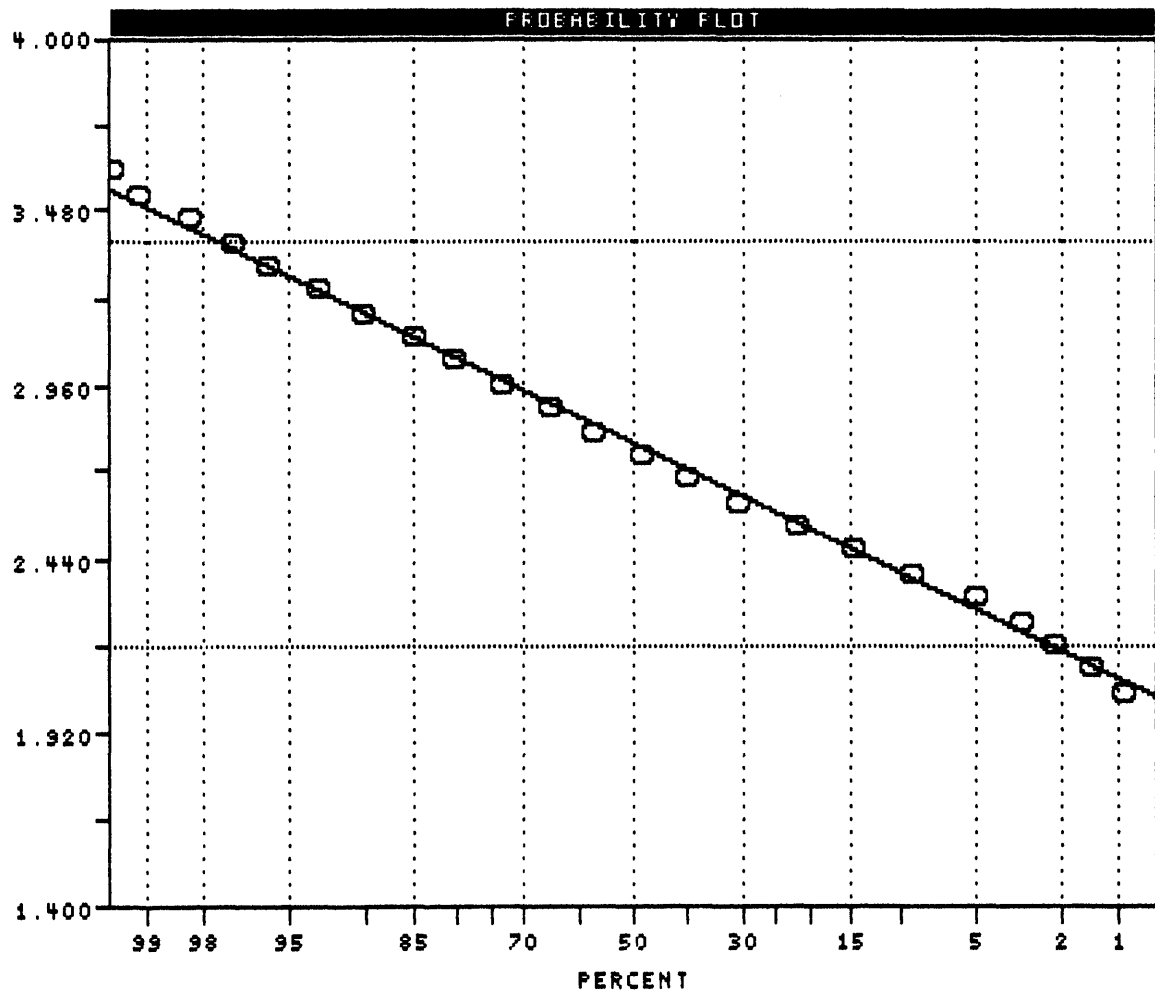
=====

Pop.	Mean	Std.Dev.	%
1	2.7827	0.3050	100.0

THRESHOLDS

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Pop.	THRESHOLDS
1	2.1727 3.3926



USERS VISUAL  
PARAMETER ESTIMATES

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = MTSID\_2.PPL

Variable = Mn Unit = ppm N = 1130  
N CI = 31

Transform = Logarithmic Number of Populations = 1

# of Missing Observations = 0.

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Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	606.254	- 300.373 + 1223.625	100.00

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Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	148.822 2469.687

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SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Al Unit = % N = 1130  
Mean = 1.711 Min = 0.280 1st Quartile = 1.350  
Std. Dev. = 0.556 Max = 5.720 Median = 1.670  
CV % = 32.480 Skewness = 1.043 3rd Quartile = 2.010

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%	cum %	cls int	(# of bins = 31 - bin size = 0.181)
0.00	0.04	0.189	
0.27	0.31	0.371	*
0.71	1.02	0.552	**
0.80	1.81	0.733	***
3.27	5.08	0.915	*****
5.58	10.65	1.096	*****
9.56	20.20	1.277	*****
12.65	32.85	1.459	***** --> 41
14.42	47.26	1.640	***** --> 47
16.46	63.70	1.821	***** --> 54
10.62	74.31	2.003	*****
8.58	82.89	2.184	*****
6.11	88.99	2.365	*****
4.51	93.50	2.547	*****
2.57	96.07	2.728	*****
1.68	97.75	2.909	*****
0.53	98.28	3.091	**
0.35	98.63	3.272	*
0.35	98.98	3.453	*
0.09	99.07	3.635	
0.53	99.60	3.816	**
0.00	99.60	3.997	
0.09	99.69	4.179	
0.09	99.78	4.360	
0.09	99.87	4.541	
0.00	99.87	4.723	
0.00	99.87	4.904	
0.00	99.87	5.085	
0.00	99.87	5.267	
0.00	99.87	5.448	
0.00	99.87	5.629	
0.09	99.96	5.811	

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Each "\*" represents approximately 3.5 observations.

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SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Al Unit = % N = 1130

Mean = 0.2102 Min = -0.5528 1st Quartile = 0.1303  
 Std. Dev. = 0.1461 Max = 0.7574 Median = 0.2227  
 CV % = 69.5291 Skewness = -0.6660 3rd Quartile = 0.3032

Anti-Log Mean = 1.622 Anti-Log Std. Dev. : (-) 1.159  
 (+) 2.271

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%	cum %	antilog	cls int	(# of bins = 31 - bin size = 0.0437)
0.00	0.04	0.266	-0.5747	
0.18	0.22	0.294	-0.5310	*
0.00	0.22	0.326	-0.4873	
0.00	0.22	0.360	-0.4437	
0.09	0.31	0.398	-0.4000	
0.27	0.57	0.440	-0.3563	*
0.00	0.57	0.487	-0.3126	
0.18	0.75	0.538	-0.2690	*
0.27	1.02	0.595	-0.2253	*
0.27	1.28	0.658	-0.1816	*
0.44	1.72	0.728	-0.1379	*
1.15	2.87	0.805	-0.0943	****
1.95	4.82	0.890	-0.0506	*****
1.95	6.76	0.984	-0.0069	*****
3.63	10.39	1.088	0.0368	*****
5.93	16.31	1.203	0.0804	*****
7.70	24.01	1.331	0.1241	*****
11.15	35.15	1.472	0.1678	*****
11.59	46.73	1.627	0.2115	*****
14.51	61.23	1.799	0.2551	***** --> 47
12.57	73.78	1.990	0.2988	***** --> 41
9.73	83.51	2.200	0.3425	*****
7.26	90.76	2.433	0.3862	*****
5.22	95.98	2.691	0.4298	*****
1.95	97.92	2.975	0.4735	*****
0.71	98.63	3.290	0.5172	**
0.44	99.07	3.638	0.5609	*
0.53	99.60	4.023	0.6045	**
0.18	99.78	4.448	0.6482	*
0.09	99.87	4.919	0.6919	
0.00	99.87	5.439	0.7356	
0.09	99.96	6.015	0.7792	

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0 1 2 3 4

Each "\*" represents approximately 3.5 observations.

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13:14:52

04/03/91

MT SIDNEY WILLIAMS 1988 SOIL GRID - SET 2

LOGARITHMIC VALUES

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VARIABLE = AI

UNIT = %

N = 1130

N CI = 31

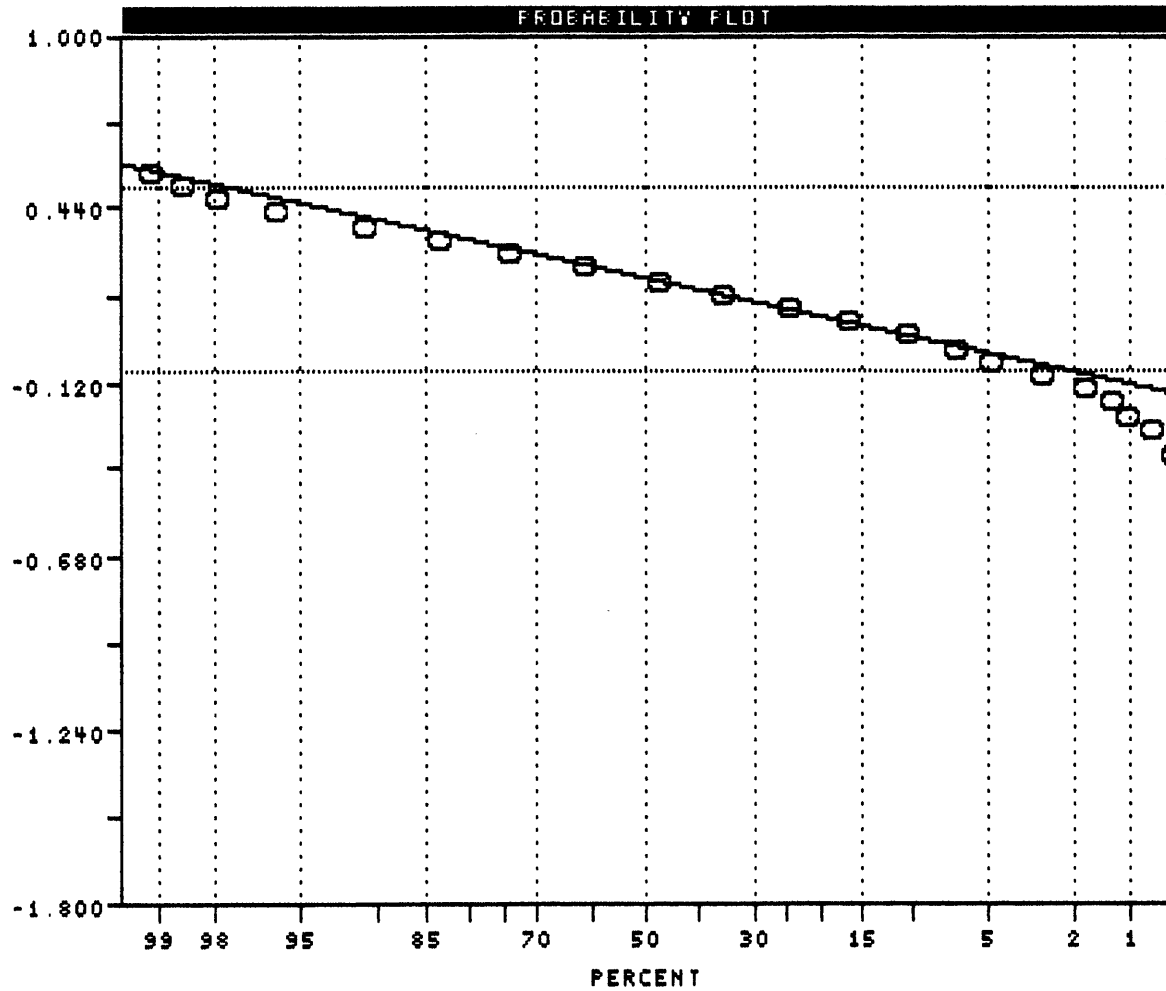
POPULATIONS

=====

Pop.	Mean	Std.Dev.	%
1	0.2102	0.1461	100.0

THRESHOLDS

Pop.	Mean	Std.Dev.
1	-0.0821	0.5024



USERS VISUAL  
PARAMETER ESTIMATES

#####

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = MTSID\_2.PPL

Variable = Al Unit = % N = 1130  
N CI = 31

Transform = Logarithmic Number of Populations = 1

# of Missing Observations = 0.

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Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	1.622	- 1.159 + 2.271	100.00

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Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	0.828 3.180

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