

15:47:45

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	PB PPM		N =	2066
Mean =	24.973	Min. =	1.000	1st Quartile =	17.000	
Std. Dev. =	11.158	Max =	69.000	Median =	23.000	
CV % =	44.680	Skewness =	0.603	3rd Quartile =	32.000	

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%	cum %	cls int	(# of bins = 36 - bin size = 1.943)
0.00	0.02	0.029	
0.34	0.36	1.971	**
0.68	1.04	3.914	***
0.82	1.86	5.857	****
0.97	2.83	7.800	****
1.74	4.57	9.743	*****
3.87	8.44	11.686	*****
5.61	14.05	13.629	*****
6.58	20.63	15.571	*****
6.58	27.21	17.514	*****
8.03	35.24	19.457	*****
7.65	42.89	21.400	*****
7.60	50.48	23.343	*****
6.53	57.01	25.286	*****
5.76	62.77	27.229	*****
5.66	68.43	29.171	*****
5.42	73.85	31.114	*****
4.31	78.16	33.057	*****
4.02	82.17	35.000	*****
2.23	84.40	36.943	*****
3.19	87.59	38.886	*****
2.86	90.45	40.829	*****
2.03	92.48	42.771	*****
2.08	94.56	44.714	*****
1.31	95.86	46.657	*****
1.31	97.17	48.600	*****
0.48	97.65	50.543	**
0.68	98.33	52.486	***
0.44	98.77	54.429	**
0.29	99.06	56.371	*
0.24	99.30	58.314	*
0.29	99.59	60.257	*
0.15	99.73	62.200	*
0.10	99.83	64.143	
0.05	99.88	66.086	
0.05	99.93	68.029	
0.05	99.98	69.971	

0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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15:55:49

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	ZN PPM		N =	2076
Mean =	111.126	Min =	22.000	1st Quartile =		96.000
Std. Dev. =	29.202	Max =	330.000	Median =		108.000
CV % =	26.278	Skewness =	2.029	3rd Quartile =		123.000

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%	cum %	cls int		(# of bins = 34 - bin size = 9.333)
0.00	0.02	17.333		
0.14	0.17	26.667	*	
0.14	0.31	36.000	*	
0.19	0.51	45.333	*	
0.24	0.75	54.667	*	
1.30	2.05	64.000	*****	
2.79	4.84	73.333	*****	
5.15	9.99	82.667	*****	
8.62	18.61	92.000	*****	
18.74	37.34	101.333	*****	--> 85
18.88	56.21	110.667	*****	--> 86
15.08	71.28	120.000	*****	--> 68
11.03	82.31	129.333	*****	--> 50
6.65	88.95	138.667	*****	
3.52	92.47	148.000	*****	
2.89	95.35	157.333	*****	
0.96	96.32	166.667	****	
0.82	97.14	176.000	****	
0.67	97.81	185.333	***	
0.10	97.91	194.667		
0.48	98.39	204.000	**	
0.29	98.68	213.333	*	
0.29	98.96	222.667	*	
0.10	99.06	232.000		
0.19	99.25	241.333	*	
0.19	99.45	250.667	*	
0.14	99.59	260.000	*	
0.05	99.64	269.333		
0.00	99.64	278.667		
0.05	99.69	288.000		
0.05	99.74	297.333		
0.05	99.78	306.667		
0.10	99.88	316.000		
0.05	99.93	325.333		
0.05	99.98	334.667		

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0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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15:58:56

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	ZN PPM	N =	2041
Mean =	108.857	Min =	22.000	1st Quartile =	95.000
Std. Dev. =	23.211	Max =	199.000	Median =	107.000
CV % =	21.322	Skewness =	0.427	3rd Quartile =	121.000

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%	cum %	cls int	(# of bins = 36 - bin size = 5.057)
0.00	0.02	19.471	
0.15	0.17	24.529	*
0.10	0.27	29.586	
0.05	0.32	34.643	
0.10	0.42	39.700	
0.10	0.51	44.757	
0.05	0.56	49.814	
0.20	0.76	54.871	*
0.54	1.30	59.929	**
0.88	2.18	64.986	****
1.62	3.80	70.043	*****
2.40	6.19	75.100	*****
2.99	9.18	80.157	*****
3.77	12.95	85.214	*****
5.05	18.00	90.271	*****
7.10	25.10	95.329	*****
10.83	35.92	100.386	***** --> 48
10.93	46.84	105.443	***** --> 49
10.34	57.17	110.500	***** --> 46
9.90	67.07	115.557	***** --> 44
7.15	74.22	120.614	*****
5.98	80.19	125.671	*****
4.70	84.89	130.729	*****
3.87	88.76	135.786	*****
2.74	91.50	140.843	*****
1.86	93.36	145.900	*****
1.91	95.27	150.957	*****
1.57	96.84	156.014	*****
0.64	97.48	161.071	***
0.49	97.97	166.129	**
0.59	98.56	171.186	***
0.29	98.85	176.243	*
0.34	99.19	181.300	**
0.39	99.58	186.357	**
0.00	99.58	191.414	
0.24	99.83	196.471	*
0.15	99.98	201.529	*

0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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15:53:30

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	SB PPM		N =	1638
Mean =	1.254	Min =	1.000	1st Quartile =		1.000
Std. Dev. =	0.674	Max =	6.000	Median =		1.000
CV % =	53.775	Skewness =	3.208	3rd Quartile =		1.000

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=====
%   cum %   cls int   (# of bins = 36 - bin size = 0.143)
-----
0.00  0.03    0.929
84.13 84.11    1.071   ***** --> 334
0.00 84.11    1.214
0.00 84.11    1.357
0.00 84.11    1.500
0.00 84.11    1.643
0.00 84.11    1.786
0.00 84.11    1.929
9.10 93.20    2.071   *****
0.00 93.20    2.214
0.00 93.20    2.357
0.00 93.20    2.500
0.00 93.20    2.643
0.00 93.20    2.786
0.00 93.20    2.929
4.76 97.96    3.071   *****
0.00 97.96    3.214
0.00 97.96    3.357
0.00 97.96    3.500
0.00 97.96    3.643
0.00 97.96    3.786
0.00 97.96    3.929
1.53 99.48    4.071   *****
0.00 99.48    4.214
0.00 99.48    4.357
0.00 99.48    4.500
0.00 99.48    4.643
0.00 99.48    4.786
0.00 99.48    4.929
0.24 99.73    5.071   *
0.00 99.73    5.214
0.00 99.73    5.357
0.00 99.73    5.500
0.00 99.73    5.643
0.00 99.73    5.786
0.00 99.73    5.929
0.24 99.97    6.071   *
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                                0           1           2           3           4

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Each "*" represents approximately 4.1 observations.

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16:04:34

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	BA PPM	N =	753
Mean =	321.267	Min =	43.000	1st Quartile =	136.000
Std. Dev. =	359.820	Max =	1860.000	Median =	162.500
CV % =	112.000	Skewness =	1.835	3rd Quartile =	213.000

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=====
%   cum %   cls int   (# of bins = 36 - bin size = 51.914)
-----
0.00  0.07   17.043
0.66  0.73   68.957
8.76  9.48   120.871
49.93 59.35   172.786
17.26 76.59   224.700
2.66 79.24   276.614
1.86 81.10   328.529
1.20 82.29   380.443
0.66 82.96   432.357
0.13 83.09   484.271
0.00 83.09   536.186
0.00 83.09   588.100
0.00 83.09   640.014
0.00 83.09   691.929
0.00 83.09   743.843
0.00 83.09   795.757
0.27 83.36   847.671
0.00 83.36   899.586
1.59 84.95   951.500
2.79 87.73  1003.414
2.66 90.38  1055.329
2.66 93.04  1107.243
2.66 95.69  1159.157
1.46 97.15  1211.071
1.46 98.61  1262.986
0.27 98.87  1314.900
0.27 99.14  1366.814
0.13 99.27  1418.729
0.13 99.40  1470.643
0.27 99.67  1522.557
0.00 99.67  1574.471
0.13 99.80  1626.386
0.00 99.80  1678.300
0.00 99.80  1730.214
0.00 99.80  1782.129
0.00 99.80  1834.043
0.13 99.93  1885.957
=====

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0 1 2 3 4

Each "*" represents approximately 2.8 observations.

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16:06:01

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Unit = BA PPM N = 753

Mean = 2.3360 Min = 1.6335 1st Quartile = 2.1335
 Std. Dev. = 0.3373 Max = 3.2695 Median = 2.2109
 CV % = 14.4374 Skewness = 1.3573 3rd Quartile = 2.3284

Anti-Log Mean = 216.773 Anti-Log Std. Dev. : (-) 99.712
 (+) 471.262

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%	cum %	antilog	cls int	(# of bins = 36 - bin size = 0.0467)
0.00	0.07	40.747	1.6101	
0.13	0.20	45.377	1.6568	
0.00	0.20	50.534	1.7036	
0.13	0.33	56.277	1.7503	
0.27	0.60	62.672	1.7971	*
0.27	0.86	69.794	1.8438	*
0.40	1.26	77.725	1.8906	*
1.06	2.32	86.558	1.9373	***
0.66	2.98	96.394	1.9840	**
1.86	4.84	107.348	2.0308	*****
4.25	9.08	119.547	2.0775	*****
12.62	21.68	133.132	2.1243	*****
14.61	36.27	148.261	2.1710	*****
16.60	52.85	165.109	2.2178	***** --> 44
13.15	65.98	183.871	2.2645	*****
6.51	72.48	204.766	2.3113	*****
4.38	76.86	228.035	2.3580	*****
1.59	78.45	253.949	2.4047	****
1.06	79.51	282.807	2.4515	***
1.06	80.57	314.945	2.4982	***
0.80	81.37	350.735	2.5450	**
0.93	82.29	390.592	2.5917	**
0.66	82.96	434.978	2.6385	**
0.13	83.09	484.408	2.6852	
0.00	83.09	539.455	2.7320	
0.00	83.09	600.758	2.7787	
0.00	83.09	669.027	2.8254	
0.00	83.09	745.054	2.8722	
0.27	83.36	829.721	2.9189	*
1.20	84.55	924.009	2.9657	***
4.38	88.93	1029.012	3.0124	*****
6.37	95.29	1145.947	3.0592	*****
3.32	98.61	1276.170	3.1059	*****
0.66	99.27	1421.192	3.1527	**
0.40	99.67	1582.693	3.1994	*
0.13	99.80	1762.548	3.2461	
0.13	99.93	1962.840	3.2929	

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0 1 2 3 4

Each "*" represents approximately 2.8 observations.

16:10:59

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TOTLSOIL.PRN

Variable = Unit = BA PPM N = 753
N CI = 36

Transform = Logarithmic Number of Populations = 4

of Missing Observations = 1322.

0 Observations Were Below the Minimum Value of 40.0000
1 Observations Were Above the Maximum Value of 2000.0000

=====

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	100.455	- 81.186 + 124.298	10.00
2	157.647	- 134.291 + 185.065	68.00
3	529.098	- 299.375 + 935.100	9.00
4	1128.138	- 1010.435 + 1259.552	13.00

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	65.612 153.800
2	114.395 217.252
3	169.392 1652.646
4	905.013 1406.274

15:39:11

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	CU PPM	N =	2070
Mean =	55.916	Min =	5.000	1st Quartile =	41.000
Std. Dev. =	20.499	Max =	144.000	Median =	53.000
CV % =	36.660	Skewness =	0.786	3rd Quartile =	68.000

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%	cum %	cls int	(# of bins = 36 - bin size = 3.971)
0.00	0.02	3.014	
0.14	0.17	6.986	*
0.14	0.31	10.957	*
0.10	0.41	14.929	
0.29	0.70	18.900	*
0.68	1.38	22.871	***
2.32	3.69	26.843	*****
4.20	7.89	30.814	*****
5.22	13.11	34.786	*****
7.05	20.16	38.757	*****
8.89	29.04	42.729	***** --> 40
8.50	37.54	46.700	*****
7.58	45.12	50.671	*****
7.05	52.17	54.643	*****
7.78	59.95	58.614	*****
6.67	66.61	62.586	*****
6.18	72.79	66.557	*****
5.51	78.30	70.529	*****
4.40	82.69	74.500	*****
3.72	86.41	78.471	*****
3.09	89.50	82.443	*****
2.90	92.39	86.414	*****
1.55	93.94	90.386	*****
1.45	95.39	94.357	*****
0.97	96.35	98.329	****
0.87	97.22	102.300	****
0.43	97.66	106.271	**
0.77	98.43	110.243	***
0.34	98.77	114.214	**
0.34	99.11	118.186	**
0.24	99.35	122.157	*
0.24	99.59	126.129	*
0.05	99.64	130.100	
0.10	99.73	134.071	
0.19	99.93	138.043	*
0.00	99.93	142.014	
0.05	99.98	145.986	

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0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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15:42:55

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TOTLSOIL.PRN

Variable = Unit = CU PPM N = 2070
N CI = 36

Transform = Arithmetic Number of Populations = 2

of Missing Observations = 0.

0 Observations Were Below the Minimum Value of 1.0000
6 Observations Were Above the Maximum Value of 150.0000

=====

Users Visual Parameter Estimates

<u>Population</u>	<u>Mean</u>	<u>Std Dev</u>	<u>Percentage</u>
1	50.319	14.574	87.00
2	92.975	13.590	13.00

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

<u>Pop.</u>	<u>Thresholds</u>	
1	21.171	79.468
2	65.795	120.155

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```

9.49 92.42 1.246 0.0956 ***** --> 43
4.14 96.56 1.428 0.1548 *****
1.73 98.29 1.637 0.2140 *****
0.82 99.11 1.876 0.2732 ****
0.29 99.40 2.150 0.3324 *
0.29 99.69 2.464 0.3917 *
0.10 99.78 2.824 0.4509
0.05 99.83 3.237 0.5101
0.05 99.88 3.710 0.5693
0.00 99.88 4.251 0.6285
0.00 99.88 4.873 0.6878
0.00 99.88 5.584 0.7470
0.00 99.88 6.400 0.8062
0.00 99.88 7.335 0.8654
0.05 99.93 8.407 0.9246
0.05 99.98 9.635 0.9839

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0 1 2 3 4

Each "*" represents approximately 4.6 observations.

14:51:53 RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable = Unit = AG PPM N = 2061
 Mean = 0.746 Min = 0.100 1st Quartile = 0.500
 Std. Dev. = 0.331 Max = 1.900 Median = 0.700
 CV % = 44.341 Skewness = 0.440 3rd Quartile = 0.900

%	cum %	cls int	(# of bins = 36 - bin size = 0.051)
0.00	0.02	0.074	
2.43	2.45	0.126	*****
0.00	2.45	0.177	
3.15	5.60	0.229	*****
0.00	5.60	0.280	
4.90	10.50	0.331	*****
0.00	10.50	0.383	
8.78	19.28	0.434	*****
0.00	19.28	0.486	
9.80	29.07	0.537	***** --> 44
0.00	29.07	0.589	
11.98	41.05	0.640	***** --> 54
0.00	41.05	0.691	
11.55	52.59	0.743	***** --> 52
0.00	52.59	0.794	
11.45	64.04	0.846	***** --> 51
0.00	64.04	0.897	
10.97	75.00	0.949	***** --> 49
0.00	75.00	1.000	
8.54	83.54	1.051	*****
5.14	88.68	1.103	*****
0.00	88.68	1.154	*****
4.42	93.09	1.206	*****
0.00	93.09	1.257	*****
2.18	95.27	1.309	*****
0.00	95.27	1.360	*****
1.99	97.26	1.411	*****
0.00	97.26	1.463	*****
0.92	98.18	1.514	****
0.00	98.18	1.566	****
0.82	99.01	1.617	****
0.00	99.01	1.669	****
0.34	99.35	1.720	**
0.00	99.35	1.771	**
0.49	99.83	1.823	**
0.00	99.83	1.874	**
0.15	99.98	1.926	*

0 1 2 3 4

Each "*" represents approximately 4.6 observations.

$16 = 0.746$
 $20 = 0.662$
 1.408
 18
 2
 380

14:53:32 RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Unit = AG PPM N = 2061
 Mean = -0.1802 Min = -1.0000 1st Quartile = -0.3010
 Std. Dev. = 0.2360 Max = 0.2788 Median = -0.1549
 CV % = 130.9484 Skewness = -1.1993 3rd Quartile = -0.0458
 Anti-Log Mean = 0.660 Anti-Log Std. Dev. : (-) 0.384 (+) 1.137

%	cum %	antilog	cls int	(# of bins = 36 - bin size = 0.0365)
0.00	0.02	0.096	-1.0183	
2.43	2.45	0.104	-0.9817	*****
0.00	2.45	0.113	-0.9452	
0.00	2.45	0.123	-0.9087	
0.00	2.45	0.134	-0.8721	
0.00	2.45	0.146	-0.8356	
0.00	2.45	0.159	-0.7991	
0.00	2.45	0.173	-0.7625	
0.00	2.45	0.188	-0.7260	
3.15	5.60	0.204	-0.6894	*****
0.00	5.60	0.222	-0.6529	
0.00	5.60	0.242	-0.6164	
0.00	5.60	0.263	-0.5798	
0.00	5.60	0.286	-0.5433	
4.90	10.50	0.311	-0.5068	*****
0.00	10.50	0.339	-0.4702	
0.00	10.50	0.368	-0.4337	
8.78	19.28	0.401	-0.3972	*****
0.00	19.28	0.436	-0.3606	
0.00	19.28	0.474	-0.3241	
9.80	29.07	0.516	-0.2876	***** --> 44
0.00	29.07	0.561	-0.2510	
11.98	41.05	0.610	-0.2145	***** --> 54
0.00	41.05	0.664	-0.1779	
11.55	52.59	0.722	-0.1414	***** --> 52
0.00	52.59	0.785	-0.1049	
11.45	64.04	0.854	-0.0683	***** --> 51
10.97	75.00	0.929	-0.0318	***** --> 49
8.54	83.54	1.011	0.0047	*****
0.00	83.54	1.100	0.0413	*****
5.14	88.68	1.196	0.0778	*****
6.60	95.27	1.301	0.1143	*****
1.99	97.26	1.415	0.1509	*****
0.92	98.18	1.540	0.1874	****
0.82	99.01	1.675	0.2239	****
0.82	99.83	1.822	0.2605	****
0.15	99.98	1.982	0.2970	*

0 1 2 3 4

Each "*" represents approximately 4.6 observations.

14:57:20 RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TOTLSOIL.PRN
 Variable = Unit = AG PPM N = 2061 N CI = 36
 Transform = Arithmetic Number of Populations = 2
 # of Missing Observations = 0.
 0 Observations Were Below the Minimum Value of 0.1000
 15 Observations Were Above the Maximum Value of 2.0000

Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
1	0.642	0.239	82.00
2	1.183	0.203	18.00

Default Thresholds.
 Standard Deviation Multiplier = 2.0

Pop.	Thresholds
1	0.163 1.120
2	0.776 1.589

11:42:17

RICHTER PROPERTY 1989 SOIL RESULT 12/12/89

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TOTLSOIL.PRN

Variable = Unit = AS PPM N = 1591
N CI = 36

Transform = Arithmetic Number of Populations = 2

of Missing Observations = 107.

375 Observations Were Below the Minimum Value of 1.5000
3 Observations Were Above the Maximum Value of 100.0000

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Users Visual Parameter Estimates

Population	Mean	Std Dev	Percentage
-----	-----	-----	-----
1	12.416	7.203	98.00
2	53.371	15.741	2.00

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Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds
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1	-1.989 26.821
2	21.890 84.853

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11:44:40

RICHTER PROPERTY 1989 SOIL RESULT 12/12/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	AS PPM		N =	1592
Mean =	13.330	Min =	2.000	1st Quartile =	7.000	
Std. Dev. =	10.040	Max =	141.000	Median =	11.000	
CV % =	75.319	Skewness =	3.595	3rd Quartile =	17.000	

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=====
%   cum %   cls int   (# of bins = 33 - bin size = 4.344)
-----
0.00  0.03   -0.172
10.49 10.51    4.172   ***** --> 42
21.98 32.49    8.516   ***** --> 88
24.25 56.72   12.859   ***** --> 96
20.98 77.68   17.203   ***** --> 84
 9.48 87.16   21.547   *****
 5.15 92.31   25.891   *****
 2.95 95.26   30.234   *****
 1.32 96.58   34.578   *****
 1.13 97.71   38.922   *****
 0.88 98.59   43.266   *****
 0.19 98.78   47.609   *
 0.25 99.03   51.953   *
 0.19 99.22   56.297   *
 0.13 99.34   60.641
 0.06 99.40   64.984
 0.06 99.47   69.328
 0.13 99.59   73.672
 0.13 99.72   78.016
 0.13 99.84   82.359
 0.00 99.84   86.703
 0.00 99.84   91.047
 0.00 99.84   95.391
 0.06 99.91   99.734
 0.00 99.91  104.078
 0.00 99.91  108.422
 0.00 99.91  112.766
 0.00 99.91  117.109
 0.00 99.91  121.453
 0.00 99.91  125.797
 0.00 99.91  130.141
 0.00 99.91  134.484
 0.00 99.91  138.828
 0.06 99.97  143.172
-----

```

0 1 2 3 4

Each "*" represents approximately 4.0 observations.

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11:45:41

RICHTER PROPERTY 1989 SOIL RESULT 12/12/89

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Unit = AS PPM N = 1592

Mean = 1.0304 Min = 0.3010 1st Quartile = 0.8451
 Std. Dev. = 0.2915 Max = 2.1492 Median = 1.0414
 CV % = 28.2901 Skewness = -0.2374 3rd Quartile = 1.2304

Anti-Log Mean = 10.725 Anti-Log Std. Dev. : (-) 5.482
 (+) 20.985

=====
 % cum % antilog cls int (# of bins = 33 - bin size = 0.0578)

0.00	0.03	1.871	0.2722	
3.02	3.04	2.138	0.3299	*****
0.00	3.04	2.442	0.3877	
0.00	3.04	2.789	0.4454	
3.33	6.37	3.185	0.5032	*****
0.00	6.37	3.639	0.5609	
4.15	10.51	4.156	0.6187	*****
0.00	10.51	4.747	0.6764	
4.84	15.35	5.422	0.7342	*****
5.72	21.06	6.194	0.7920	*****
5.21	26.27	7.075	0.8497	*****
6.22	32.49	8.081	0.9075	*****
6.91	39.39	9.230	0.9652	*****
6.09	45.48	10.543	1.0230	*****
11.24	56.72	12.043	1.0807	***** --> 45
5.53	62.24	13.756	1.1385	*****
9.30	71.53	15.713	1.1962	*****
6.16	77.68	17.947	1.2540	*****
7.35	85.03	20.500	1.3118	*****
5.34	90.36	23.416	1.3695	*****
2.64	93.00	26.747	1.4273	*****
2.26	95.26	30.551	1.4850	*****
1.32	96.58	34.897	1.5428	*****
1.38	97.96	39.860	1.6005	*****
0.75	98.71	45.530	1.6583	***
0.31	99.03	52.006	1.7160	*
0.19	99.22	59.403	1.7738	*
0.19	99.40	67.852	1.8316	*
0.31	99.72	77.503	1.8893	*
0.13	99.84	88.527	1.9471	
0.06	99.91	101.118	2.0048	
0.00	99.91	115.501	2.0626	
0.00	99.91	131.929	2.1203	
0.06	99.97	150.694	2.1781	

20 ppm T

0 1 2 3 4

Each "*" represents approximately 4.0 observations.

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11:47:57

RICHTER PROPERTY 1989 SOIL RESULT 12/12/89

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PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = TOTLSOIL.PRN

Variable = Unit = AS PPM N = 1592
N CI = 33

Transform = Logarithmic Number of Populations = 2

of Missing Observations = 107.

375 Observations Were Below the Minimum Value of 1.5000
2 Observations Were Above the Maximum Value of 150.0000

=====

Users Visual Parameter Estimates

Population	Mean		Std Dev	Percentage
1	9.030	-	5.162	85.00
		+	15.795	
2	27.007	-	19.460	15.00
		+	37.482	

=====

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	2.951	27.630
2	14.022	52.018

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0.00	98.77	28.284	1.4515
0.14	98.92	31.061	1.4922 *
0.00	98.92	34.111	1.5329
0.19	99.11	37.461	1.5736 *
0.10	99.21	41.139	1.6143
0.14	99.35	45.179	1.6549 *
0.00	99.35	49.615	1.6956
0.10	99.45	54.487	1.7363
0.10	99.54	59.838	1.7770
0.14	99.69	65.714	1.8177 *
0.10	99.78	72.166	1.8583
0.00	99.78	79.253	1.8990
0.05	99.83	87.035	1.9397
0.05	99.88	95.581	1.9804
0.05	99.93	104.967	2.0211
0.05	99.98	115.274	2.0617

0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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14:40:04

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM ARITHMETIC VALUES

Variable =		Unit =	AU PPB	N =	2075
Mean =	6.484	Min =	5.000	1st Quartile =	5.000
Std. Dev. =	6.340	Max =	110.000	Median =	5.000
CV % =	97.781	Skewness =	9.227	3rd Quartile =	5.000

%	cum %	cls int	(# of bins = 10 - bin size = 11.667)
0.00	0.02	-0.833	
96.77	96.75	10.833	***** --> 438
1.83	98.58	22.500	*****
0.34	98.92	34.167	**
0.43	99.35	45.833	**
0.19	99.54	57.500	*
0.14	99.69	69.167	*
0.10	99.78	80.833	
0.10	99.88	92.500	
0.05	99.93	104.167	
0.05	99.98	115.833	

0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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14:40:31

RICHTER PROPERTY 1989 SOIL RESULT 12/08/89

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Unit = AU PPB N = 2075

Mean = 0.7594 Min = 0.6990 1st Quartile = 0.6990
 Std. Dev. = 0.1628 Max = 2.0414 Median = 0.6990
 CV % = 21.4320 Skewness = 3.5628 3rd Quartile = 0.6990

Anti-Log Mean = 5.747 Anti-Log Std. Dev. : (-) 3.951
 (+) 8.360

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%	cum %	antilog	cls int	(# of bins = 10 - bin size = 0.1492)
0.00	0.02	4.211	0.6244	
84.48	84.47	5.937	0.7735	***** --> 383
0.00	84.47	8.370	0.9227	
12.29	96.75	11.800	1.0719	***** --> 56
0.82	97.57	16.635	1.2210	****
1.01	98.58	23.452	1.3702	*****
0.34	98.92	33.063	1.5193	**
0.43	99.35	46.612	1.6685	**
0.34	99.69	65.714	1.8177	**
0.19	99.88	92.643	1.9668	*
0.10	99.98	130.609	2.1160	

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0 1 2 3 4

Each "*" represents approximately 4.6 observations.

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