

P L A C E R D O M E I N C .

PDI Data Analysis System - STATS

run on 90:01:08 at 13:40:01

Current directory: /placer1_1e/expl/nat/gchm

V230 NAT

Summary of data from file : 89soil.locasy

This data file contains an internal header: (5 records)
Data grouped into 8 fields
with format: (1A8, 2F10.2, 5F10.2)

Character ID fields:
PROJ

Coordinate fields:
EAST NORT

Other data fields:
AG AS AUL CU ZN

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

NAME	NDATA	NULLS	MINIMUM	MAXIMUM	MEAN	STD. DEV.	GEOM. MEAN	DISPERSION
AG	90	475	0.100000	0.400000	0.134444	0.705692e-01	0.122882	0.835421e-01 0.180748
AS	475	90	1.00000	16.0000	4.07368	3.11469	2.97560	1.30102 6.80555
AUL	565	0	2.50000	850.000	14.7566	61.4742	4.51801	1.54538 13.2087
CU	565	0	1.00000	109.000	16.9788	11.1052	14.4244	8.16038 25.4969
ZN	565	0	11.0000	148.000	48.7965	21.9309	44.7149	29.6276 67.4852

HISTO:

V230 NAT

RUN ON 90:01:08 AT 13:40:01

File: 89soil.locasy Field name: AS LOG = 1 REPVAL = 0.00100

475 SAMPLES WITH AS MINIMUM: 1.00000 MAXIMUM: 16.0000

475 VALUES PLOTTED: 0 NOT IN RANGE 1.00000 to 16.0000

GEOMETRIC MEAN: 2.97560 DISPERSION: 1.30102 6.80555

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0	40	80	120	160
138	1.0000	# 29.05	I-----I-----I-----I-----I				
0	1.0718	0.00	I				I
0	1.1487	0.00	I				I
0	1.2311	0.00	I				I
0	1.3195	0.00	I				I
0	1.4142	0.00	I				I
0	1.5157	0.00	I				I
0	1.6245	0.00	I				I
0	1.7411	0.00	I				I
0	1.8661	0.00	I				I
48	2.0000	10.11	I*****				I
0	2.1435	0.00	I				I
0	2.2974	0.00	I				I
0	2.4623	0.00	I				I
0	2.6390	0.00	I				I
0	2.8284	0.00	I				I
58	3.0314	# 12.21	I*****				I
0	3.2490	0.00	I				I
0	3.4822	0.00	I				I
0	3.7321	0.00	I				I
53	4.0000	11.16	I*****				I
0	4.2871	0.00	I				I
0	4.5948	0.00	I				I
42	4.9246	8.84	I*****				I
0	5.2780	0.00	I				I
0	5.6569	0.00	I				I
44	6.0629	9.26	I*****				I
0	6.4980	0.00	I				I
32	6.9644	6.74	I*****				I
0	7.4643	0.00	I				I
13	8.0000	2.74	I***				I
0	8.5742	0.00	I				I
11	9.1896	2.32	I***				I
14	9.8492	# 2.95	I****				I
0	10.556	0.00	I				I
6	11.314	1.26	I**				I
7	12.126	1.47	I**				I
6	12.996	1.26	I**				I
1	13.929	0.21	I				I
0	14.929	0.00	I				I
2	16.000	0.42	I*				I
-----			I-----I-----I-----I-----I				
475			0	40	80	120	160

HISTO:

V230 NAT

RUN ON 90:01:08 AT 13:40:01

File: 89scil.locasy Field name: AU1 LOG = 1 REPVAL = 0.00100

565 SAMPLES WITH AU1 MINIMUM: 2.50000 MAXIMUM: 850.000

565 VALUES PLOTTED: 0 NOT IN RANGE 2.50000 to 850.000

GEOMETRIC MEAN: 4.51801 DISPERSION: 1.54538 13.2087

SCALE OF HISTOGRAM IS 10.00 COUNTS /PRINT POSITION # = 5,50,95*

N	MIDPOINT	PERCENT	0	100	200	300	400	
393	2.5000	# 69.56	I-----I-----I-----I-----I					I
0	2.8922	0.00	I				I	
0	3.3459	0.00	I				I	
0	3.8708	0.00	I				I	
0	4.4780	0.00	I				I	
27	5.1805	4.78	I***				I	
0	5.9932	0.00	I				I	
0	6.9334	0.00	I				I	
0	8.0211	0.00	I				I	
0	9.2795	0.00	I				I	
57	10.735	10.09	I*****				I	
0	12.419	0.00	I				I	
25	14.368	4.42	I***				I	
0	16.622	0.00	I				I	
10	19.229	1.77	I*				I	
0	22.246	0.00	I				I	
9	25.735	1.59	I*				I	
8	29.773	1.42	I*				I	
3	34.443	0.53	I				I	
5	39.847	# 0.88	I*				I	
2	46.098	0.35	I				I	
8	53.329	1.42	I*				I	
1	61.695	0.18	I				I	
3	71.374	0.53	I				I	
0	82.571	0.00	I				I	
0	95.524	0.00	I				I	
1	110.51	0.18	I				I	
0	127.85	0.00	I				I	
1	147.90	0.18	I				I	
3	171.10	0.53	I				I	
0	197.95	0.00	I				I	
2	229.00	0.35	I				I	
1	264.93	0.18	I				I	
2	306.49	0.35	I				I	
1	354.57	0.18	I				I	
1	410.19	0.18	I				I	
0	474.54	0.00	I				I	
0	548.98	0.00	I				I	
0	635.10	0.00	I				I	
0	734.74	0.00	I				I	
2	850.00	0.35	I				I	
565			I-----I-----I-----I-----I					I

HISTO:

V230 NAT

RUN ON 90:01:08 AT 13:40:01

File: 89soil.locasy Field name: CU LOG = 1 REPVAL = 0.00100

565 SAMPLES WITH CU MINIMUM: 1.00000 MAXIMUM: 109.000

565 VALUES PLOTTED: 0 NOT IN RANGE 1.00000 to 109.000

GEOMETRIC MEAN: 14.4244 DISPERSION: 8.16038 25.4969

SCALE OF HISTOGRAM IS 4.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0	40	80	120	160
			I-----I-----I-----I-----I				
1	1.0000	0.18	I				I
0	1.1244	0.00	I				I
0	1.2644	0.00	I				I
0	1.4217	0.00	I				I
0	1.5986	0.00	I				I
0	1.7975	0.00	I				I
2	2.0212	0.35	I*				I
0	2.2727	0.00	I				I
0	2.5556	0.00	I				I
4	2.8736	0.71	I*				I
0	3.2311	0.00	I				I
0	3.6332	0.00	I				I
9	4.0853	1.59	I**				I
0	4.5937	0.00	I				I
3	5.1653	0.53	I*				I
20	5.8081	# 3.54	I*****				I
0	6.5309	0.00	I				I
19	7.3436	3.36	I*****				I
26	8.2574	4.60	I*****				I
30	9.2849	5.31	I*****				I
66	10.440	11.68	I*****				I
36	11.739	6.37	I*****				I
33	13.200	5.84	I*****				I
85	14.843	# 15.04	I*****				I
50	16.690	8.85	I*****				I
33	18.767	5.84	I*****				I
39	21.102	6.90	I*****				I
21	23.728	3.72	I*****				I
26	26.681	4.60	I*****				I
13	30.001	2.30	I***				I
19	33.734	3.36	I*****				I
9	37.932	# 1.59	I**				I
8	42.652	1.42	I**				I
3	47.960	0.53	I*				I
3	53.928	0.53	I*				I
2	60.638	0.35	I*				I
1	68.184	0.18	I				I
3	76.669	0.53	I*				I
0	86.210	0.00	I				I
0	96.937	0.00	I				I
1	109.00	0.18	I				I
			I-----I-----I-----I-----I				
565			0	40	80	120	160

HISTO:

V230 NAT

RUN ON 90:01:08 AT 13:40:01

File: 89soil.locasy Field name: EN LOG = 1 REPVAL = 0.00100

565 SAMPLES WITH EN MINIMUM: 11.0000 MAXIMUM: 148.000

565 VALUES PLOTTED: 0 NOT IN RANGE 11.0000 to 148.000

GEOMETRIC MEAN: 44.7149 DISPERSION: 29.6276 67.4852

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0	20	40	60	80
1	11.000	0.18	I*				I
0	11.739	0.00	I				I
0	12.527	0.00	I				I
0	13.368	0.00	I				I
0	14.265	0.00	I				I
1	15.223	0.18	I*				I
2	16.245	0.35	I*				I
3	17.336	0.53	I**				I
3	18.500	0.53	I**				I
0	19.742	0.00	I				I
3	21.067	0.53	I**				I
9	22.482	1.59	I*****				I
8	23.991	# 1.42	I*****				I
11	25.602	1.95	I*****				I
26	27.321	4.60	I*****				I
35	29.155	6.19	I*****				I
22	31.113	3.89	I*****				I
30	33.202	5.31	I*****				I
26	35.431	4.60	I*****				I
46	37.810	8.14	I*****				I
21	40.348	3.72	I*****				I
52	43.058	# 9.20	I*****				I
42	45.948	7.43	I*****				I
33	49.033	5.84	I*****				I
30	52.326	5.31	I*****				I
13	55.839	2.30	I*****				I
22	59.588	3.59	I*****				I
23	63.589	4.07	I*****				I
26	67.858	4.60	I*****				I
9	72.414	1.59	I*****				I
14	77.276	2.48	I*****				I
12	82.464	2.12	I*****				I
9	88.001	1.59	I*****				I
7	93.910	# 1.24	I*****				I
14	100.21	2.48	I*****				I
2	106.94	0.35	I*				I
3	114.12	0.53	I**				I
0	121.79	0.00	I				I
3	129.96	0.53	I**				I
2	138.69	0.35	I*				I
2	148.00	0.35	I*				I

565

HISTO:

V230 NAT

RUN ON 90:01:08 AT 13:40:01

File: 89soil.locasy Field name: ZN LOG = 0 REPVAL = 0.00100

565 SAMPLES WITH ZN MINIMUM: 11.0000 MAXIMUM: 148.000

565 VALUES PLOTTED: 0 NOT IN RANGE 11.0000 to 148.000

MEAN: 48.7965 STD. DEV.: 21.9309 Median 43.0000

SCALE OF HISTOGRAM IS 2.00 COUNTS /PRINT POSITION # = 5,50,95%

N	MIDPOINT	PERCENT	0	20	40	60	80
0	8.0000	0.00	I				I
1	12.000	0.18	I*				I
6	16.000	1.06	I***				I
6	20.000	1.06	I***				I
21	24.000	# 3.72	I*****				I
54	28.000	9.56	I*****				I
53	32.000	9.38	I*****				I
57	36.000	10.09	I*****				I
49	40.000	8.67	I*****				I
65	44.000	# 11.50	I*****				I
57	48.000	10.09	I*****				I
27	52.000	4.78	I*****				I
21	56.000	3.72	I*****				I
22	60.000	3.89	I*****				I
23	64.000	4.07	I*****				I
16	68.000	2.83	I*****				I
16	72.000	2.83	I*****				I
12	76.000	2.12	I*****				I
8	80.000	1.42	I****				I
9	84.000	1.59	I****				I
7	88.000	1.24	I****				I
5	92.000	0.88	I***				I
4	96.000	# 0.71	I**				I
10	100.00	1.77	I*****				I
5	104.00	0.88	I***				I
1	108.00	0.18	I*				I
2	112.00	0.35	I*				I
1	116.00	0.18	I*				I
0	120.00	0.00	I				I
0	124.00	0.00	I				I
1	128.00	0.18	I*				I
1	132.00	0.18	I*				I
2	136.00	0.35	I*				I
1	140.00	0.18	I*				I
0	144.00	0.00	I				I
2	148.00	0.35	I*				I
0	152.00	0.00	I				I
0	156.00	0.00	I				I
0	160.00	0.00	I				I
0	164.00	0.00	I				I
0	168.00	0.00	I				I

565

CORMAT: RUN ON 90:01:08 AT 13:40:01

Data from file: 89soil.locasy

V230 NAT

Correlation matrix for 565 records with 5 variables

	AG	AS	AU1	CU	ZN
LOG:	1	1	1	1	1
AG	1.000	0.000	-0.078	0.035	0.151
AS	0.000	1.000	0.096	0.345	0.301
AU1	-0.078	0.096	1.000	0.114	0.148
CU	0.035	0.345	0.114	1.000	0.516
ZN	0.151	0.301	0.148	0.516	1.000

Number of data pairs contributing to correlation

	AG	AS	AU1	CU	ZN
AG	90	0	90	90	90
AS	0	475	475	475	475
AU1	90	475	565	565	565
CU	90	475	565	565	565
ZN	90	475	565	565	565