862617

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

Placer Data Analysis System - STATS

run on 89:03:21 at 16:40:59

SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH

Summary of data from file : pdi-et

This data file contains an internal header: (5 records)
Data grouped into 18 fields
with format: (A8,1X,A5,1X,6F6.0,2F6.1,6F6.0,F6.1,F6.0)

Character ID fields:
PROJ SAMP

Coordinate fields:

Other data fields:
E CU P CU E PB P PB E ZN P ZN E AG P AG E AU P AU E AS P AS
E HG P HG E SB P SB

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	
E CU	40	0	2.00000	8900.00	285.650	1402.82	32.2139	6.98370	148.594
P CU	40	0	2.00000	8600.00	272.575	1356.05	28.0711	5.98940	131.564
E PB	40	0	10.0000	8600.00	795.150	1489.15	286.686	62.9608	1305.39
P PB	40	0	13.0000	8000.00	738.050	1403.96	262.227	59.2437	1160.68
E ZN	40	0	12.0000	3300.00	737.375	953.065	280.883	60.1378	1311.90
P ZN	40	0	25.0000	3600.00	697.950	944.778	277.310	65.5817	1172.60
E AG	40	0	.100000	29.4000	4.22000	5.66370	1.98709	.510356	7.73680
P AG	40	0	.200000	30.0000	4.06250	5.74116	1.99336	.586361	6.77650
E AU	40	0	5.00000	1070.00	78.5000	172.947	31.2993	8.93730	109.614
P AU	40	0	3.00000	990.000	74.1000	170.653	14.4458	2.40127	86.9042
E AS	40	0	5.00000	749.000	88.7750	156.590	42.3396	13.8671	129.273
P AS	40	0	1.00000	550.000	64.2250	124.145	13.3404	1.87788	94.7703
E HG	40	0	3.00000	85.0000	28.9000	21.8559	19.2551	6.69444	55.3832
P HG	40	0	6.00000	48.0000	20.5250	9.09491	18.5342	11.5339	29.7832
E SB	40	0	.100000	12.5000	.770000	1.95398	.343981	.118784	.996117
P SB	40	0	1.00000	7.00000	1.27500	1.01242	1.13667	.773503	1.67033

CORMAT: RUN ON 89:03:21 AT 16:40:59

Data from file: pdi-et

SPRING ROCKS, CHECK SAMPLES: PLACER-DOME INC. (-P) VS ECO-TECH LTD. (-E)

Correlation matrix for 40 records with 16 variables

LOG:	Cu-E 0	Cu-P 0	Pb-E 0	Pb-P 0	Zn-E 0	Zn-P 0	Ag-E 0	Ag-P 0	Au-E 0	Au-P 0	As-E 0	As-P 0	Hg-E 0	Hg-P 0	Sb-E 0	Sb-P 0
Cu-E	1.000	1.000	-.076	-.074	-.108	-.103	-.084	-.079	-.065	.002	-.067	-.071	.002	.090	.086	.031
Cu-P	1.000	1.000	-.078	-.076	-.108	-.103	-.085	-.079	-.065	.002	-.067	-.071	-.001	.090	.086	.031
Pb-E	-.076	-.078	1.000	.998	.268	.292	.332	.324	-.074	-.112	-.054	.030	.545	.211	-.046	-.120
Pb-P	-.074	-.076	.998	1.000	.265	.290	.329	.324	-.087	-.123	-.081	.008	.535	.209	-.048	-.124
Zn-E	-.108	-.108	.268	.265	1.000	.992	.213	.211	-.130	-.180	-.013	.115	.313	.330	-.061	-.164
Zn-P	-.103	-.103	.292	.290	.992	1.000	.252	.252	-.127	-.179	-.008	.136	.294	.366	-.048	-.156
Ag-E	-.084	-.085	.332	.329	.213	.252	1.000	.996	.113	-.004	.258	.352	.096	.444	.174	.016
Ag-P	-.079	-.079	.324	.324	.211	.252	.996	1.000	.101	-.005	.227	.326	.101	.442	.163	.010
Au-E	-.065	-.065	-.074	-.087	-.130	-.127	.113	.101	1.000	.891	.175	.170	.004	.087	.050	.002
Au-P	.002	.002	-.112	-.123	-.180	-.179	-.004	-.005	.891	1.000	.082	.079	.005	.107	.022	-.014
As-E	-.067	-.067	-.054	-.081	-.013	-.008	.258	.227	.175	.082	1.000	.963	-.148	.153	.236	.195
As-P	-.071	-.071	.030	.008	.115	.136	.352	.326	.170	.079	.963	1.000	-.070	.297	.295	.219
Hg-E	.002	-.001	.545	.535	.313	.294	.096	.101	.004	.005	-.148	-.070	1.000	.170	-.149	-.104
Hg-P	.090	.090	.211	.209	.330	.366	.444	.442	.087	.107	.153	.297	.170	1.000	.236	.045
Sb-E	.086	.086	-.046	-.048	-.061	-.048	.174	.163	.050	.022	.236	.295	-.149	.236	1.000	.906
Sb-P	.031	.031	-.120	-.124	-.164	-.156	.016	.010	.002	-.014	.195	.219	-.104	.045	.906	1.000

PLACER DOME INC.

Placer Data Analysis System - STATS

run on 89:03:21 at 16:40:59

SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH

P1641

Summary of data from file : pdi-et

This data file contains an internal header: (5 records)
Data grouped into 18 fields
with format: (A8,1X,A5,1X,6F6.0,2F6.1,6F6.0,F6.1,F6.0)

Character ID fields:
PROJ SAMP

Coordinate fields:

Other data fields:
E CU P CU E PB P PB E ZN P ZN E AG P AG E AU P AU E AS P AS
E HG P HG E SB P SB

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	
E CU	40	0	2.00000	8900.00	285.650	1402.82	32.2139	6.98370	148.594
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P PB	40	0	13.0000	8000.00	738.050	1403.96	262.227	59.2437	1160.68
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P ZN	40	0	25.0000	3600.00	697.950	944.778	277.310	65.5817	1172.60
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P AG	40	0	.200000	30.0000	4.06250	5.74116	1.99336	.586361	6.77650
E AU	40	0	5.00000	1070.00	78.5000	172.947	31.2993	8.93730	109.614
P AU	40	0	3.00000	990.000	74.1000	170.653	14.4458	2.40127	86.9042
E AS	40	0	5.00000	749.000	88.7750	156.590	42.3396	13.8671	129.273
P AS	40	0	1.00000	550.000	64.2250	124.145	13.3404	1.87788	94.7703
E HG	40	0	3.00000	85.0000	28.9000	21.8559	19.2551	6.69444	55.3832
P HG	40	0	6.00000	48.0000	20.5250	9.09491	18.5342	11.5339	29.7832
E SB	40	0	.100000	12.5000	.770000	1.95398	.343981	.118784	.996117
P SB	40	0	1.00000	7.00000	1.27500	1.01242	1.13667	.773503	1.67033

CORMAT: RUN ON 89:03:21 AT 16:40:59

Data from file: pdi-et

SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH

Correlation matrix for 40 records with 16 variables

LOG:	E CU 0	P CU 0	E PB 0	P PB 0	E ZN 0	P ZN 0	E AG 0	P AG 0	E AU 0	P AU 0	E AS 0	P AS 0	E HG 0	P HG 0	E SB 0
E CU	1.000	1.000	-.076	-.074	-.108	-.103	-.084	-.079	-.065	.002	-.067	-.071	.002	.090	.086
P CU	1.000	1.000	-.078	-.076	-.108	-.103	-.085	-.079	-.065	.002	-.067	-.071	-.001	.090	.086
E PB	-.076	-.078	1.000	.998	.268	.292	.332	.324	-.074	-.112	-.054	.030	.545	.211	-.046
P PB	-.074	-.076	.998	1.000	.265	.290	.329	.324	-.087	-.123	-.081	.008	.535	.209	-.048
E ZN	-.108	-.108	.268	.265	1.000	.992	.213	.211	-.130	-.180	-.013	.115	.313	.330	-.061
P ZN	-.103	-.103	.292	.290	.992	1.000	.252	.252	-.127	-.179	-.008	.136	.294	.366	-.048
E AG	-.084	-.085	.332	.329	.213	.252	1.000	.996	.113	-.004	.258	.352	.096	.444	.174
P AG	-.079	-.079	.324	.324	.211	.252	.996	1.000	.101	-.005	.227	.326	.101	.442	.163
E AU	-.065	-.065	-.074	-.087	-.130	-.127	.113	.101	1.000	.891	.175	.170	.004	.087	.050
P AU	.002	.002	-.112	-.123	-.180	-.179	-.004	-.005	.891	1.000	.082	.079	.005	.107	.022
E AS	-.067	-.067	-.054	-.081	-.013	-.008	.258	.227	.175	.082	1.000	.963	-.148	.153	.236
P AS	-.071	-.071	.030	.008	.115	.136	.352	.326	.170	.079	.963	1.000	-.070	.297	.295
E HG	.002	-.001	.545	.535	.313	.294	.096	.101	.004	.005	-.148	-.070	1.000	.170	-.149
P HG	.090	.090	.211	.209	.330	.366	.444	.442	.087	.107	.153	.297	.170	1.000	.236
E SB	.086	.086	-.046	-.048	-.061	-.048	.174	.163	.050	.022	.236	.295	-.149	.236	1.000
P SB	.031	.031	-.120	-.124	-.164	-.156	.016	.010	.002	-.014	.195	.219	-.104	.045	.906

LOG:	P SB 0
E CU	.031
P CU	.031
E PB	-.120
P PB	-.124
E ZN	-.164
P ZN	-.156
E AG	.016
P AG	.010
E AU	.002
P AU	-.014
E AS	.195
P AS	.219
E HG	-.104
P HG	.045
E SB	.906
P SB	1.000

Number of data pairs contributing to correlation

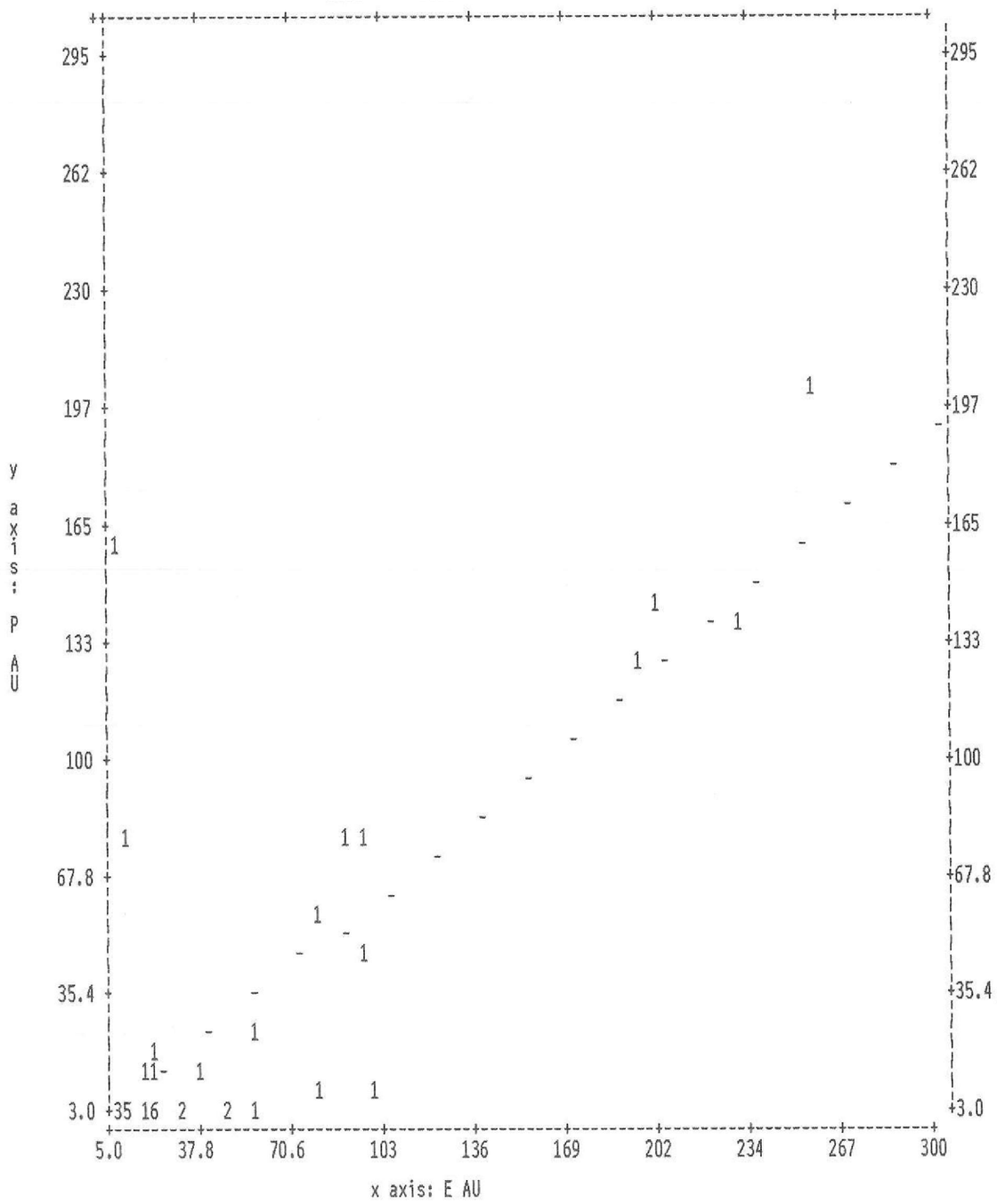
	E CU	P CU	E PB	P PB	E ZN	P ZN	E AG	P AG	E AU	P AU	E AS	P AS	E HG	P HG	E SB	P SB
E CU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P CU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E PB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P PB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E ZN	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P ZN	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E AG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P AG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E AU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P AU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E AS	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P AS	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E HG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P HG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E SB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P SB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40

	P SB
E CU	40
P CU	40
E PB	40
P PB	40
E ZN	40
P ZN	40
E AG	40
P AG	40
E AU	40
P AU	40
E AS	40
P AS	40
E HG	40
P HG	40
E SB	40
P SB	40

1

SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:03:21 AT 16:40:59

file: pdi-et E AU vs P AU LOGX =0 LOGY =0 REPVAL = .00100



PLOT SUMMARY

40 X-Y PAIRS
3 VALUES>MAX
0 VALUES<MIN
37 PLOTTED

* = 10 OR MORE
\+ = 1:1 LINE
\- = LEAST-SQUARE LINE Y=A+BX

All data:

X	MINMAX	Y
5.0		3.0
1070		990

REGRESSION LINE

A = .80606
B = .64442
VARIANCE
1232.6
STD. DEVIATION
35.109
CORRELATION COEF
.77465

Plotted Points:
X AVG
53.649
Y AVG
35.378

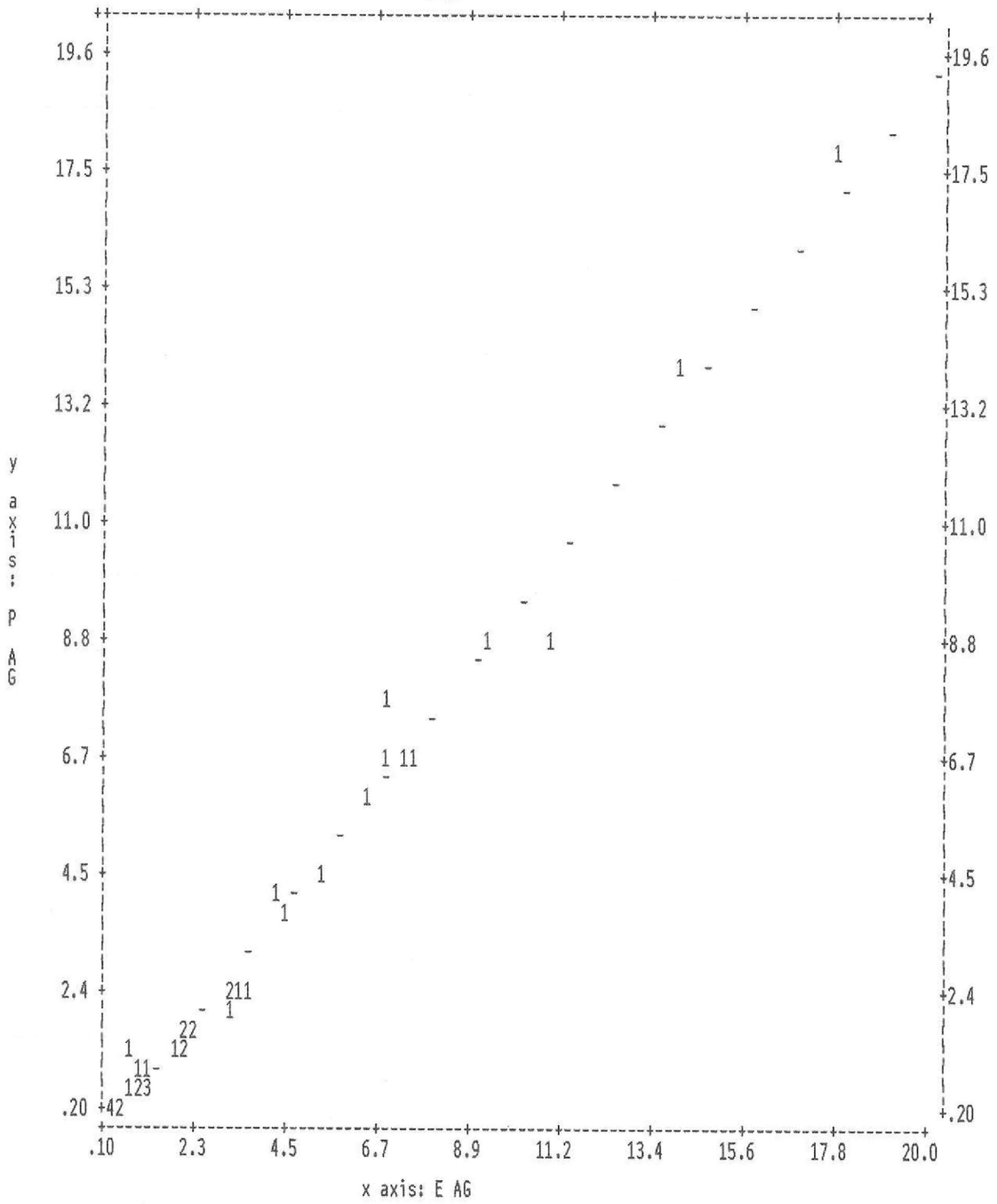
X	MINMAX	Y
5.0		3.0
255		205

PLOT INCREMENTS

X: 3.2778
Y: 5.4000

SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:03:21 AT 16:40:59

file: pdi-et E AG vs P AG LOGX =0 LOGY =0 REPVAL = .00100



PLOT SUMMARY

40 X-Y PAIRS
1 VALUES>MAX
0 VALUES<MIN
39 PLOTTED

* = 10 OR MORE
\+ = 1:1 LINE
\- = LEAST-SQUARE LINE Y=A+BX

All data:

X	MINMAX	Y
.1		.2
29.4		30

REGRESSION LINE

A = -.13487
B = .98824
VARIANCE .23746
STD. DEVIATION .48730
CORRELATION COEF .99260

Plotted Points:
X AVG 3.5744
Y AVG 3.3974

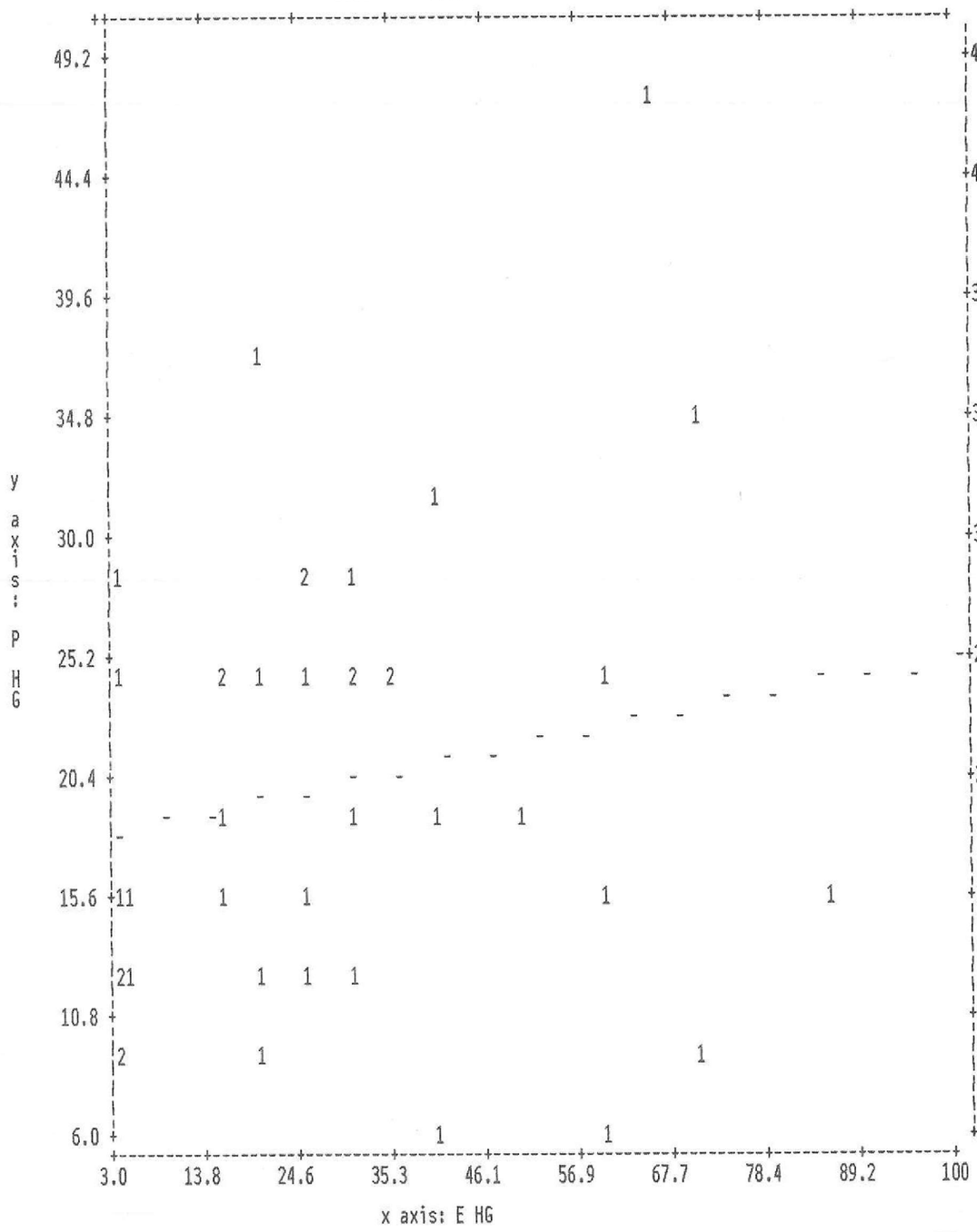
X	MINMAX	Y
.1		.2
17.6		18

PLOT INCREMENTS

X: .22111
Y: .36000

SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:03:21 AT 16:40:59

file: pdi-et E HG vs P HG LOGX =0 LOGY =0 REPVAL = .00100



PLOT SUMMARY

40 X-Y PAIRS
0 VALUES>MAX
0 VALUES<MIN
40 PLOTTED

* = 10 OR MORE
\+ = 1:1 LINE
\- = LEAST-SQUARE LINE Y=A+BX

All data:

X	MINMAX	Y
3.0		6.0
85		48

REGRESSION LINE

A = 18.476
B = .70914E-01
VARIANCE
82.429
STD. DEVIATION
9.0790
CORRELATION COEF
.17041

Plotted Points:
X AVG
28.900
Y AVG
20.525

X	MINMAX	Y
3.0		6.0
85		48

PLOT INCREMENTS

X: 1.0778
Y: .80000

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

Placer Data Analysis System - STATS
run on 89:01:25 at 17:38:10
SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH

Summary of data from file : pdi-et

This data file contains an internal header: (5 records)
Data grouped into 16 fields
with format: (A8,1X,A5,1X,6F6.0,2F6.1,6F6.0,F6.1)

Character ID fields:
PROJ SAMP

Coordinate fields:

Other data fields:
E CU P CU E PB P PB E ZN P ZN E AG P AG E AU P AU E AS P AS
E HG P HG E SB P SB

Missing data indicated by NULL value 99999.0

BASIC STATISTICS OF SELECTED DATA FIELDS:

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E CU	40	0	2.00000	8000.00	285.650	1302.82	32.2139	4.56170
P CU	40	0	4.00000	8000.00	412.750	1388.95	61.9830	3.36470
E PB	40	0	2.00000	1000.00	112.750	316.228	14.9070	2.80490
P PB	40	0	11.0000	1000.00	197.375	347.967	64.2193	1.76340
E ZN	40	0	12.0000	8000.00	597.700	1264.91	206.693	2.11670
P ZN	40	0	12.0000	8000.00	744.475	1411.37	267.000	1.89610
E AG	40	0	0.200000	100.000	4.64250	15.8113	0.98151	3.40610
P AG	40	0	0.200000	100.000	6.44250	15.8113	1.58151	2.45440
E AU	40	0	5.00000	1000.00	74.1000	158.114	11.4998	2.13360
P AU	40	0	5.00000	1000.00	74.1000	158.114	11.4998	2.13360
E AS	40	0	5.00000	1000.00	74.1000	158.114	11.4998	2.13360
P AS	40	0	5.00000	1000.00	74.1000	158.114	11.4998	2.13360
E HG	40	0	5.00000	800.000	28.3000	126.491	4.47149	4.47010
P HG	40	0	5.00000	800.000	28.3000	126.491	4.47149	4.47010
E SB	40	0	1.00000	1000.00	1.27500	5.94348	0.345387	4.66233
P SB	40	0	1.00000	1000.00	1.27500	5.94348	0.345387	4.66233

1

CORRAT: RUN ON 89:01:25 AT 17:38:10

Data from file: pdi-et

SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH

Correlation matrix for 40 records with 16 variables

LOG:	E CU	P CU	E PB	P PB	E ZN	P ZN	E AG	P AG	E AU	P AU	E AS	P AS	E HG	P HG	E SB
E CU	1.000	.076	.074	.105	.103	.084	.079	.005	.002	.007	.071	.007	.070	.086	
P CU	.076	1.000	.077	.107	.105	.086	.081	.005	.002	.007	.073	.007	.072	.088	
E PB	.074	.077	1.000	.104	.102	.084	.078	.005	.002	.007	.071	.007	.070	.086	
P PB	.105	.107	.104	1.000	.142	.116	.109	.007	.002	.009	.098	.009	.096	.118	
E ZN	.103	.105	.102	.142	1.000	.114	.107	.007	.002	.009	.097	.009	.095	.117	
P ZN	.084	.086	.084	.116	.114	1.000	.087	.005	.002	.007	.079	.007	.078	.096	
E AG	.079	.081	.078	.109	.107	.087	1.000	.005	.002	.007	.074	.007	.073	.090	
P AG	.005	.005	.005	.007	.007	.005	.005	1.000	.000	.000	.005	.000	.005	.006	
E AU	.002	.002	.002	.002	.002	.002	.002	.000	1.000	.000	.002	.000	.002	.002	
P AU	.007	.007	.007	.009	.009	.007	.007	.000	.000	1.000	.006	.000	.006	.008	
E AS	.071	.073	.071	.098	.097	.079	.074	.005	.002	.006	1.000	.006	.065	.080	
P AS	.007	.007	.007	.009	.009	.007	.007	.000	.000	.000	.006	1.000	.006	.008	
E HG	.070	.072	.070	.096	.095	.078	.073	.005	.002	.006	.065	.006	1.000	.079	
P HG	.086	.088	.086	.118	.117	.096	.090	.006	.002	.008	.080	.008	.079	1.000	
E SB															1.000

LOG:	P SB
E CU	.031
P CU	.031
E PB	.031
P PB	.043
E ZN	.042
P ZN	.035
E AG	.033
P AG	.002
E AU	.001
P AU	.003
E AS	.029
P AS	.003
E HG	.033
P HG	.037
E SB	
P SB	1.000

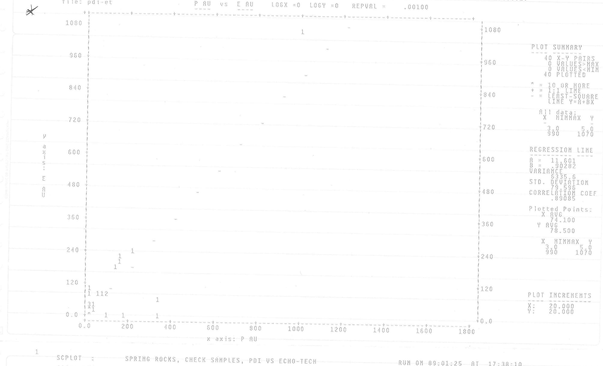
Number of data pairs contributing to correlation

	E CU	P CU	E PB	P PB	E ZN	P ZN	E AG	P AG	E AU	P AU	E AS	P AS	E HG	P HG	E SB
E CU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P CU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E PB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P PB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E ZN	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P ZN	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E AG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P AG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E AU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P AU	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E AS	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P AS	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E HG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
P HG	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40
E SB	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40

	P SB
E CU	40
P CU	40
E PB	40
P PB	40
E ZN	40
P ZN	40
E AG	40
P AG	40
E AU	40
P AU	40
E AS	40
P AS	40
E HG	40
P HG	40
E SB	
P SB	40

1

SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:01:25 AT 17:38:10
file: pdi-et P AU vs E AU LOGX =0 LOGY =0 REPVAL = .00100



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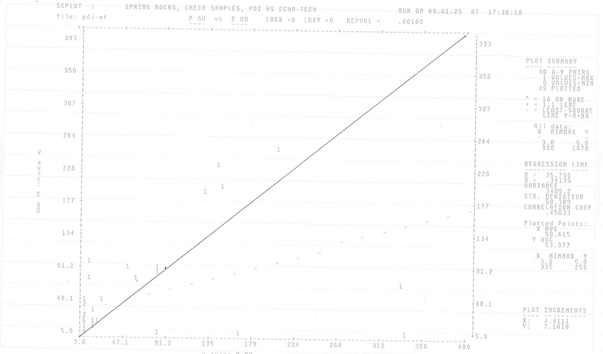
SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:01:25 AT 17:38:10
file: pdi-et P AU vs E AU LOGX =0 LOGY =0 REPVAL = .00100



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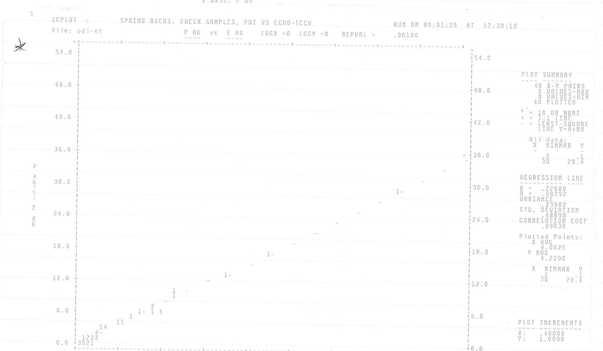
SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:01:25 AT 17:38:10
file: pdi-et P HG vs E HG LOGX =0 LOGY =0 REPVAL = .00100



1

SCPLOT : SPRING ROCKS, CHECK SAMPLES, PDI VS ECHO-TECH RUN ON 89:01:25 AT 17:38:10
file: pdi-et P HG vs E HG LOGX =0 LOGY =0 REPVAL = .00100