

SPSS FOR INFONET CSTS, RELEASE 7.2.1, JUNE 21, 1979

020304

DEFAULT SPACE ALLOCATION..	ALLOWS FOR..	23 TRANSFORMATIONS
WORKSPACE 3584 WORDS		46 RECODE VALUES + LAG VARIABLES
TRANSPACE 512 WORDS		46 IF/COMPUTE OPERATIONS

RUN NAME	CYPRUS ANVIL MINING CORPORATION
GET FILE	GCHSS3

FILE GCHSS3 HAS 35 VARIABLES

FILE # 3

THE SUBFILES ARE..

NAME	NO OF CASES
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SIMPLE STATISTICS

GCHSS3	374
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for Unit 3C

*SELECT IF (ROCKCODE EQ 2)
 TASK NAME ROCK CODE 2
 CONDESCRIPTIVE S102 TO S

Contains some bad

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

wrongly labelled analyses

ROCK CODE 2

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE SI02

MEAN	49.441	STD ERROR	.571	STD DEV	1.510
VARIANCE	2.280	KURTOSIS	.244	SKEWNESS	-.353
RANGE	4.590	MINIMUM	46.910	MAXIMUM	51.500
SUM	346.090				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	2.077	STD ERROR	.313	STD DEV	.827
VARIANCE	.684	KURTOSIS	2.374	SKEWNESS	1.327
RANGE	2.600	MINIMUM	1.090	MAXIMUM	3.690
SUM	14.540				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	15.150	STD ERROR	.502	STD DEV	1.329
VARIANCE	1.765	KURTOSIS	5.845	SKEWNESS	-2.342
RANGE	3.920	MINIMUM	12.220	MAXIMUM	16.140
SUM	106.050				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	12.330	STD ERROR	.319	STD DEV	.845
VARIANCE	.714	KURTOSIS	-.840	SKEWNESS	.562
RANGE	2.340	MINIMUM	11.280	MAXIMUM	13.620
SUM	86.310				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE FEO

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.

VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

ROCK CODE 2

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE MNO

MEAN	.160	STD ERROR	.006	STD DEV	.016
VARIANCE	.000	KURTOSIS	-1.988	SKEWNESS	-.321
RANGE	.040	MINIMUM	.140	MAXIMUM	.180
SUM	1.120				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	7.149	STD ERROR	.514	STD DEV	1.359
VARIANCE	1.847	KURTOSIS	3.213	SKEWNESS	1.335
RANGE	4.410	MINIMUM	5.450	MAXIMUM	9.860
SUM	50.040				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	10.013	STD ERROR	.433	STD DEV	1.145
VARIANCE	1.312	KURTOSIS	2.980	SKEWNESS	1.563
RANGE	3.510	MINIMUM	8.810	MAXIMUM	12.320
SUM	70.090				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE NA20

MEAN	3.173	STD ERROR	.239	STD DEV	.631
VARIANCE	.398	KURTOSIS	-.797	SKEWNESS	.033
RANGE	1.840	MINIMUM	2.260	MAXIMUM	4.100
SUM	22.210				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

ROCK CODE 2

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	.293	STD ERROR	.061	STD DEV	.162
VARIANCE	.026	KURTOSIS	-1.219	SKEWNESS	-.312
RANGE	.450	MINIMUM	.050	MAXIMUM	.500
SUM	2.050				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.216	STD ERROR	.027	STD DEV	.072
VARIANCE	.005	KURTOSIS	2.089	SKEWNESS	-.337
RANGE	.240	MINIMUM	.090	MAXIMUM	.330
SUM	1.510				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.074	STD ERROR	.035	STD DEV	.092
VARIANCE	.009	KURTOSIS	1.219	SKEWNESS	1.349
RANGE	.240	MINIMUM	.010	MAXIMUM	.250
SUM	.520				

VALID OBSERVATIONS - 7 MISSING OBSERVATIONS - 0

TRANSPACE REQUIRED. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 4)
TASK NAME ROCK CODE 4
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE #3

SIMPLE STATISTICS

for Unit 5C

Contains some roughly classified analyses

ROCK CODE 4

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE S102

MEAN	50.447	STD ERROR	.824	STD DEV	4.200
VARIANCE	17.637	KURTOSIS	1.819	SKEWNESS	1.450
RANGE	16.970	MINIMUM	45.320	MAXIMUM	62.290
SUM	1311.630				

VALID OBSERVATIONS -	26	MISSING OBSERVATIONS -	0
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VARIABLE T102

MEAN	1.669	STD ERROR	.212	STD DEV	1.079
VARIANCE	1.163	KURTOSIS	2.341	SKEWNESS	1.389
RANGE	4.690	MINIMUM	.160	MAXIMUM	4.850
SUM	43.400				

VALID OBSERVATIONS -	26	MISSING OBSERVATIONS -	0
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VARIABLE AL203

MEAN	15.345	STD ERROR	.645	STD DEV	3.291
VARIANCE	10.831	KURTOSIS	1.082	SKEWNESS	-.526
RANGE	14.380	MINIMUM	7.050	MAXIMUM	21.430
SUM	398.960				

VALID OBSERVATIONS -	26	MISSING OBSERVATIONS -	0
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VARIABLE FE203

MEAN	12.359	STD ERROR	.549	STD DEV	2.798
VARIANCE	7.831	KURTOSIS	.668	SKEWNESS	-.107
RANGE	12.483	MINIMUM	6.367	MAXIMUM	18.850
SUM	321.341				

VALID OBSERVATIONS -	26	MISSING OBSERVATIONS -	0
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VARIABLE FEO

MEAN	7.301	STD ERROR	1.047	STD DEV	2.769
VARIANCE	7.668	KURTOSIS	.909	SKEWNESS	-1.216
RANGE	7.680	MINIMUM	2.130	MAXIMUM	9.810
SUM	51.110				

VALID OBSERVATIONS -	7	MISSING OBSERVATIONS -	19
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VARIABLE MNO

MEAN	.137	STD ERROR	.009	STD DEV	.046
VARIANCE	.002	KURTOSIS	-.389	SKEWNESS	-.599
RANGE	.180	MINIMUM	.040	MAXIMUM	.220
SUM	3.570				

VALID OBSERVATIONS - 26 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	8.536	STD ERROR	.915	STD DEV	4.665
VARIANCE	21.765	KURTOSIS	4.892	SKEWNESS	2.067
RANGE	20.520	MINIMUM	3.400	MAXIMUM	23.920
SUM	221.930				

VALID OBSERVATIONS - 26 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	7.168	STD ERROR	.664	STD DEV	3.387
VARIANCE	11.469	KURTOSIS	-1.208	SKEWNESS	-.148
RANGE	10.170	MINIMUM	1.840	MAXIMUM	12.010
SUM	186.380				

VALID OBSERVATIONS - 26 MISSING OBSERVATIONS - 0

VARIABLE NA2O

MEAN	3.249	STD ERROR	.296	STD DEV	1.508
VARIANCE	2.275	KURTOSIS	-.373	SKEWNESS	-.297
RANGE	5.460	MINIMUM	.210	MAXIMUM	5.670
SUM	84.470				

VALID OBSERVATIONS - 26 MISSING OBSERVATIONS - 0

ROCK CODE 4

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	.983	STD ERROR	.220	STD DEV	1.124
VARIANCE	1.264	KURTOSIS	1.919	SKEWNESS	1.534
RANGE	4.090	MINIMUM	.030	MAXIMUM	4.120
SUM	25.550				

VALID OBSERVATIONS - 26 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.324	STD ERROR	.037	STD DEV	.191
VARIANCE	.037	KURTOSIS	-.019	SKEWNESS	1.150
RANGE	.600	MINIMUM	.130	MAXIMUM	.730
SUM	8.430				

VALID OBSERVATIONS - 26 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.036	STD ERROR	.006	STD DEV	.027
VARIANCE	.001	KURTOSIS	1.838	SKEWNESS	1.332
RANGE	.100	MINIMUM	.010	MAXIMUM	.110
SUM	.640				

VALID OBSERVATIONS - 18 MISSING OBSERVATIONS - 8

TRANSPACE REQUIRED. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 6)
TASK NAME ROCK CODE 6
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit MCV

Contains some wrongly classified analyses

VARIABLE SIO2

MEAN	48.649	STD ERROR	.403	STD DEV	2.169
VARIANCE	4.703	KURTOSIS	.947	SKEWNESS	.016
RANGE	10.110	MINIMUM	43.770	MAXIMUM	53.880
SUM	1410.820				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE TIO2

MEAN	2.198	STD ERROR	.189	STD DEV	1.020
VARIANCE	1.041	KURTOSIS	-.745	SKEWNESS	.335
RANGE	3.670	MINIMUM	.530	MAXIMUM	4.200
SUM	63.730				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE AL2O3

MEAN	15.548	STD ERROR	.377	STD DEV	2.033
VARIANCE	4.132	KURTOSIS	1.290	SKEWNESS	-.220
RANGE	9.790	MINIMUM	10.640	MAXIMUM	20.430
SUM	450.890				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE FE2O3

MEAN	13.501	STD ERROR	.321	STD DEV	1.729
VARIANCE	2.988	KURTOSIS	.271	SKEWNESS	-.263
RANGE	7.805	MINIMUM	9.175	MAXIMUM	16.980
SUM	391.532				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE FEO

MEAN	8.861	STD ERROR	.304	STD DEV	1.360
VARIANCE	1.850	KURTOSIS	4.664	SKEWNESS	-1.614
RANGE	6.500	MINIMUM	4.540	MAXIMUM	11.040
SUM	177.220				

VALID OBSERVATIONS - 20 MISSING OBSERVATIONS - 9

VARIABLE MNO

MEAN	.139	STD ERROR	.009	STD DEV	.046
VARIANCE	.002	KURTOSIS	1.404	SKEWNESS	-1.039
RANGE	.190	MINIMUM	.020	MAXIMUM	.210
SUM	4.020				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	7.975	STD ERROR	.726	STD DEV	3.911
VARIANCE	15.298	KURTOSIS	10.466	SKEWNESS	2.860
RANGE	20.900	MINIMUM	3.300	MAXIMUM	24.200
SUM	231.270				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	7.807	STD ERROR	.594	STD DEV	3.199
VARIANCE	10.237	KURTOSIS	.245	SKEWNESS	-.199
RANGE	13.870	MINIMUM	1.110	MAXIMUM	14.980
SUM	226.400				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE NA2O

MEAN	3.222	STD ERROR	.270	STD DEV	1.455
VARIANCE	2.117	KURTOSIS	-.536	SKEWNESS	-.760
RANGE	5.040	MINIMUM	.360	MAXIMUM	5.400
SUM	93.450				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

ROCK CODE 6

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	1.194	STD ERROR	.286	STD DEV	1.539
VARIANCE	2.367	KURTOSIS	4.441	SKEWNESS	2.117
RANGE	6.530	MINIMUM	0.	MAXIMUM	6.530
SUM	34.620				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.451	STD ERROR	.026	STD DEV	.141
VARIANCE	.020	KURTOSIS	1.208	SKEWNESS	1.045
RANGE	.610	MINIMUM	.250	MAXIMUM	.860
SUM	13.090				

VALID OBSERVATIONS - 29 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.150	STD ERROR	.091	STD DEV	.273
VARIANCE	.074	KURTOSIS	8.457	SKEWNESS	2.882
RANGE	.850	MINIMUM	.020	MAXIMUM	.870
SUM	1.350				

VALID OBSERVATIONS - 9 MISSING OBSERVATIONS - 20

TRANSPACE REQUIRED.. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 25)
TASK NAME ROCK CODE 25
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit ARG-8 (Selwyn)

VARIABLE S102

MEAN	48.376	STD ERROR	.538	STD DEV	1.202
VARIANCE	1.445	KURTOSIS	-1.497	SKEWNESS	-.732
RANGE	2.850	MINIMUM	46.690	MAXIMUM	49.540
SUM	241.880				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE T102

MEAN	1.540	STD ERROR	.196	STD DEV	.439
VARIANCE	.193	KURTOSIS	1.655	SKEWNESS	1.131
RANGE	1.150	MINIMUM	1.090	MAXIMUM	2.240
SUM	7.700				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	15.790	STD ERROR	.461	STD DEV	1.030
VARIANCE	1.061	KURTOSIS	-.320	SKEWNESS	-.876
RANGE	2.580	MINIMUM	14.260	MAXIMUM	16.840
SUM	78.950				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	12.462	STD ERROR	.836	STD DEV	1.870
VARIANCE	3.498	KURTOSIS	-1.578	SKEWNESS	.896
RANGE	4.147	MINIMUM	10.984	MAXIMUM	15.131
SUM	62.312				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE FEO

MEAN	7.997	STD ERROR	.493	STD DEV	.986
VARIANCE	.971	KURTOSIS	1.198	SKEWNESS	-.164
RANGE	2.400	MINIMUM	6.770	MAXIMUM	9.170
SUM	31.990				

VALID OBSERVATIONS - 4 MISSING OBSERVATIONS - 1

 VARIABLE MNO

MEAN	.200	STD ERROR	.033	STD DEV	.074
VARIANCE	.005	KURTOSIS	4.404	SKEWNESS	2.063
RANGE	.180	MINIMUM	.150	MAXIMUM	.330
SUM	1.000				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	8.188	STD ERROR	.815	STD DEV	1.822
VARIANCE	3.320	KURTOSIS	.181	SKEWNESS	.530
RANGE	4.830	MINIMUM	5.990	MAXIMUM	10.820
SUM	40.940				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	10.574	STD ERROR	.767	STD DEV	1.715
VARIANCE	2.943	KURTOSIS	-1.897	SKEWNESS	-.383
RANGE	4.070	MINIMUM	8.320	MAXIMUM	12.390
SUM	52.870				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE NA2O

MEAN	2.896	STD ERROR	.294	STD DEV	.656
VARIANCE	.431	KURTOSIS	-1.575	SKEWNESS	-.660
RANGE	1.580	MINIMUM	1.990	MAXIMUM	3.570
SUM	14.480				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE K20

MEAN	.524	STD ERROR	.132	STD DEV	.296
VARIANCE	.088	KURTOSIS	-3.058	SKEWNESS	.576
RANGE	.620	MINIMUM	.260	MAXIMUM	.880
SUM	2.620				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.160	STD ERROR	.021	STD DEV	.046
VARIANCE	.002	KURTOSIS	-1.894	SKEWNESS	-.226
RANGE	.110	MINIMUM	.100	MAXIMUM	.210
SUM	.800				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE S

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE. VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000.

*SELECT IF (ROCKCODE EQ 14 OR 34 OR 38)
TASK NAME ROCK CODES 14 34 38
CONDESCRIPTIVE SI02 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Units 1C, 1G6, 1G5

VARIABLE SI02

MEAN	60.237	STD ERROR	.334	STD DEV	1.888
VARIANCE	3.566	KURTOSIS	1.977	SKEWNESS	1.012
RANGE	9.260	MINIMUM	56.680	MAXIMUM	65.940
SUM	1927.580				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	.727	STD ERROR	.039	STD DEV	.219
VARIANCE	.048	KURTOSIS	2.547	SKEWNESS	1.077
RANGE	1.120	MINIMUM	.310	MAXIMUM	1.430
SUM	23.280				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	20.556	STD ERROR	.345	STD DEV	1.950
VARIANCE	3.804	KURTOSIS	.048	SKEWNESS	-.242
RANGE	8.190	MINIMUM	16.010	MAXIMUM	24.200
SUM	657.780				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	10.148	STD ERROR	.215	STD DEV	1.217
VARIANCE	1.480	KURTOSIS	-.263	SKEWNESS	.458
RANGE	5.010	MINIMUM	8.020	MAXIMUM	13.030
SUM	324.740				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE FEO

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.
 VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000.

ROCK CODES 14 34 38

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE MNO

MEAN	.075	STD ERROR	.010	STD DEV	.054
VARIANCE	.003	KURTOSIS	5.945	SKEWNESS	2.403
RANGE	.240	MINIMUM	.030	MAXIMUM	.270
SUM	2.390				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	2.427	STD ERROR	.092	STD DEV	.523
VARIANCE	.273	KURTOSIS	5.699	SKEWNESS	1.060
RANGE	3.250	MINIMUM	1.070	MAXIMUM	4.320
SUM	77.650				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	.696	STD ERROR	.058	STD DEV	.327
VARIANCE	.107	KURTOSIS	.008	SKEWNESS	.906
RANGE	1.210	MINIMUM	.270	MAXIMUM	1.480
SUM	22.270				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

VARIABLE NA20

MEAN	.670	STD ERROR	.127	STD DEV	.718
VARIANCE	.516	KURTOSIS	6.457	SKEWNESS	2.529
RANGE	3.160	MINIMUM	.210	MAXIMUM	3.370
SUM	21.440				

VALID OBSERVATIONS - 32 MISSING OBSERVATIONS - 0

TRANSPACE REQUIRED.. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 27)
TASK_NAME ROCK CODE 27
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit ARG_B (Klondike)

ROCK CODE 27

FILE GCHSS3

(CREATION DATE = 12/27/79)

NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE S102

MEAN	46.492	STD ERROR	1.357	STD DEV	3.033
VARIANCE	9.201	KURTOSIS	-2.331	SKEWNESS	.449
RANGE	7.090	MINIMUM	43.230	MAXIMUM	50.320
SUM	232.460				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE T102

MEAN	1.136	STD ERROR	.327	STD DEV	.732
VARIANCE	.535	KURTOSIS	.108	SKEWNESS	-.691
RANGE	1.870	MINIMUM	.050	MAXIMUM	1.920
SUM	5.680				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	12.242	STD ERROR	3.163	STD DEV	7.072
VARIANCE	50.015	KURTOSIS	2.324	SKEWNESS	-1.141
RANGE	19.250	MINIMUM	.860	MAXIMUM	20.110
SUM	61.210				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	12.081	STD ERROR	1.379	STD DEV	3.083
VARIANCE	9.503	KURTOSIS	.906	SKEWNESS	-.904
RANGE	7.992	MINIMUM	7.326	MAXIMUM	15.318
SUM	60.407				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE FEO

MEAN	6.460	STD ERROR	.872	STD DEV	1.744
VARIANCE	3.040	KURTOSIS	-5.804	SKEWNESS	-.014
RANGE	3.250	MINIMUM	4.810	MAXIMUM	8.060
SUM	25.840				

VALID OBSERVATIONS - 4 MISSING OBSERVATIONS - 1

VARIABLE MNO

MEAN	.154	STD ERROR	.018	STD DEV	.040
VARIANCE	.002	KURTOSIS	-.950	SKEWNESS	.351
RANGE	.100	MINIMUM	.110	MAXIMUM	.210
SUM	.770				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	13.554	STD ERROR	5.190	STD DEV	11.606
VARIANCE	134.691	KURTOSIS	2.942	SKEWNESS	1.743
RANGE	28.010	MINIMUM	5.240	MAXIMUM	33.250
SUM	67.770				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	12.116	STD ERROR	1.945	STD DEV	4.350
VARIANCE	18.921	KURTOSIS	.326	SKEWNESS	.709
RANGE	11.220	MINIMUM	7.400	MAXIMUM	18.620
SUM	60.580				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

VARIABLE NA2O

MEAN	2.256	STD ERROR	.739	STD DEV	1.654
VARIANCE	2.734	KURTOSIS	-1.511	SKEWNESS	-.312
RANGE	4.110	MINIMUM	.110	MAXIMUM	4.220
SUM	11.280				

VALID OBSERVATIONS - 5 MISSING OBSERVATIONS - 0

ROCK CODE 27

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	.372	STD ERROR	.168	STD DEV	.376
VARIANCE	.141	KURTOSIS	1.572	SKEWNESS	1.339
RANGE	.930	MINIMUM	.050	MAXIMUM	.980
SUM	1.860				

VALID OBSERVATIONS = 5 MISSING OBSERVATIONS = 0

VARIABLE P205

MEAN	.170	STD ERROR	.036	STD DEV	.081
VARIANCE	.006	KURTOSIS	2.415	SKEWNESS	1.145
RANGE	.220	MINIMUM	.080	MAXIMUM	.300
SUM	.850				

VALID OBSERVATIONS = 5 MISSING OBSERVATIONS = 0

VARIABLE S

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.
VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

TRANSPACE REQUIRED. 48 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
11 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 32)
TASK NAME ROCK CODE 32
CONDESCRIPTIVE SI02 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit ICD

VARIABLE SI02

MEAN	59.173	STD ERROR	.547	STD DEV	3.752
VARIANCE	14.074	KURTOSIS	7.118	SKEWNESS	-1.992
RANGE	23.090	MINIMUM	42.830	MAXIMUM	65.920
SUM	2781.130				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	.748	STD ERROR	.020	STD DEV	.135
VARIANCE	.018	KURTOSIS	4.271	SKEWNESS	1.460
RANGE	3.760	MINIMUM	.520	MAXIMUM	1.280
SUM	35.150				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	21.644	STD ERROR	.364	STD DEV	2.493
VARIANCE	6.216	KURTOSIS	3.209	SKEWNESS	1.031
RANGE	14.040	MINIMUM	16.740	MAXIMUM	30.780
SUM	1017.270				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	9.623	STD ERROR	.163	STD DEV	1.117
VARIANCE	1.247	KURTOSIS	7.869	SKEWNESS	1.544
RANGE	7.950	MINIMUM	6.480	MAXIMUM	14.430
SUM	452.270				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

VARIABLE FEO

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.
 VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

ROCK CODE 32
FILE GCHSS3

(CREATION DATE = 12/27/79)

NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE MNO

MEAN	.110	STD ERROR	.006	STD DEV	.042
VARIANCE	.002	KURTOSIS	2.964	SKEWNESS	1.497
RANGE	.200	MINIMUM	.050	MAXIMUM	.250
SUM	5.150				

VALID OBSERVATIONS = 47 MISSING OBSERVATIONS = 0

VARIABLE MGO

MEAN	2.251	STD ERROR	.153	STD DEV	1.046
VARIANCE	1.095	KURTOSIS	41.241	SKEWNESS	6.238
RANGE	7.410	MINIMUM	1.650	MAXIMUM	9.060
SUM	105.790				

VALID OBSERVATIONS = 47 MISSING OBSERVATIONS = 0

VARIABLE CAO

MEAN	1.056	STD ERROR	.140	STD DEV	.961
VARIANCE	.924	KURTOSIS	14.089	SKEWNESS	3.515
RANGE	5.370	MINIMUM	.390	MAXIMUM	5.760
SUM	49.640				

VALID OBSERVATIONS = 47 MISSING OBSERVATIONS = 0

VARIABLE NA20

MEAN	.931	STD ERROR	.062	STD DEV	.425
VARIANCE	.181	KURTOSIS	5.233	SKEWNESS	1.646
RANGE	2.330	MINIMUM	.380	MAXIMUM	2.710
SUM	43.770				

VALID OBSERVATIONS = 47 MISSING OBSERVATIONS = 0

VARIABLE K20

MEAN	4.339	STD ERROR	.109	STD DEV	.749
VARIANCE	.561	KURTOSIS	3.110	SKEWNESS	-.578
RANGE	4.570	MINIMUM	1.960	MAXIMUM	6.530
SUM	203.940				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.125	STD ERROR	.006	STD DEV	.038
VARIANCE	.001	KURTOSIS	6.764	SKEWNESS	1.910
RANGE	.220	MINIMUM	.070	MAXIMUM	.290
SUM	5.860				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.294	STD ERROR	.031	STD DEV	.213
VARIANCE	.045	KURTOSIS	-.204	SKEWNESS	1.039
RANGE	.790	MINIMUM	.060	MAXIMUM	.850
SUM	13.840				

VALID OBSERVATIONS - 47 MISSING OBSERVATIONS - 0

TRANSPACE REQUIRED. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 29)
TASK NAME ROCK CODE 29
CONDESCRIPTIVE S102 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit ARGg (Dildo)

VARIABLE SI02

MEAN	48.565	STD ERROR	1.355	STD DEV	1.916
VARIANCE	3.672	KURTOSIS	0.	SKEWNESS	0.
RANGE	2.710	MINIMUM	47.210	MAXIMUM	49.920
SUM	97.130				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	1.505	STD ERROR	.465	STD DEV	.658
VARIANCE	.432	KURTOSIS	0.	SKEWNESS	0.
RANGE	.930	MINIMUM	1.040	MAXIMUM	1.970
SUM	3.010				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	15.740	STD ERROR	.900	STD DEV	1.273
VARIANCE	1.620	KURTOSIS	0.	SKEWNESS	0.
RANGE	1.800	MINIMUM	14.840	MAXIMUM	16.640
SUM	31.480				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	11.886	STD ERROR	2.334	STD DEV	3.301
VARIANCE	10.896	KURTOSIS	0.	SKEWNESS	0.
RANGE	4.668	MINIMUM	9.552	MAXIMUM	14.220
SUM	23.772				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE FEO

MEAN	8.360	STD ERROR	.980	STD DEV	1.386
VARIANCE	1.921	KURTOSIS	0.	SKEWNESS	0.
RANGE	1.960	MINIMUM	7.380	MAXIMUM	9.340
SUM	16.720				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE MNO

MEAN	.190	STD ERROR	.030	STD DEV	.042
VARIANCE	.002	KURTOSIS	0.	SKEWNESS	0.
RANGE	.060	MINIMUM	.160	MAXIMUM	.220
SUM	.380				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	7.685	STD ERROR	.215	STD DEV	.304
VARIANCE	.092	KURTOSIS	0.	SKEWNESS	0.
RANGE	.430	MINIMUM	7.470	MAXIMUM	7.900
SUM	15.370				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	11.115	STD ERROR	.225	STD DEV	.318
VARIANCE	.101	KURTOSIS	0.	SKEWNESS	0.
RANGE	.450	MINIMUM	10.890	MAXIMUM	11.340
SUM	22.230				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

VARIABLE NA2O

MEAN	3.480	STD ERROR	.470	STD DEV	.665
VARIANCE	.442	KURTOSIS	0.	SKEWNESS	0.
RANGE	.940	MINIMUM	3.010	MAXIMUM	3.950
SUM	6.960				

VALID OBSERVATIONS - 2 MISSING OBSERVATIONS - 0

ROCK CODE 29
FILE GCHSS3

(CREATION DATE = 12/27/79)

NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	.545	STD ERROR	.445	STD DEV	.629
VARIANCE	.396	KURTOSIS	0.	SKEWNESS	0.
RANGE	.890	MINIMUM	.100	MAXIMUM	.990
SUM	1.090				

VALID OBSERVATIONS = 2 MISSING OBSERVATIONS = 0

VARIABLE P205

MEAN	.225	STD ERROR	.005	STD DEV	.007
VARIANCE	.000	KURTOSIS	0.	SKEWNESS	0.
RANGE	.010	MINIMUM	.220	MAXIMUM	.230
SUM	.450				

VALID OBSERVATIONS = 2 MISSING OBSERVATIONS = 0

VARIABLE S

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.
VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

TRANSPACE REQUIRED.. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 35)
TASK_NAME ROCK CODE 35
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit 1D4

ROCK CODE 35

FILE GCHSS3

(CREATION DATE = 12/27/79)

NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE SI02

MEAN	62.505	STD ERROR	.729	STD DEV	3.992
VARIANCE	15.937	KURTOSIS	.015	SKEWNESS	.936
RANGE	14.460	MINIMUM	56.910	MAXIMUM	71.370
SUM	1875.140				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	.457	STD ERROR	.026	STD DEV	.143
VARIANCE	.021	KURTOSIS	1.844	SKEWNESS	.701
RANGE	.710	MINIMUM	.160	MAXIMUM	.870
SUM	13.710				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	19.521	STD ERROR	.626	STD DEV	3.430
VARIANCE	11.766	KURTOSIS	2.908	SKEWNESS	-1.436
RANGE	16.520	MINIMUM	8.120	MAXIMUM	24.640
SUM	585.640				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	10.274	STD ERROR	.412	STD DEV	2.259
VARIANCE	5.101	KURTOSIS	1.352	SKEWNESS	1.165
RANGE	9.000	MINIMUM	6.870	MAXIMUM	15.870
SUM	308.220				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE FEO

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.
 VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

VARIABLE MNO

MEAN	.099	STD ERROR	.014	STD DEV	.076
VARIANCE	.006	KURTOSIS	21.065	SKEWNESS	4.274
RANGE	.420	MINIMUM	.050	MAXIMUM	.470
SUM	2.960				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	1.661	STD ERROR	.086	STD DEV	.473
VARIANCE	.224	KURTOSIS	.167	SKEWNESS	-.582
RANGE	1.940	MINIMUM	.530	MAXIMUM	2.470
SUM	49.820				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	.494	STD ERROR	.027	STD DEV	.149
VARIANCE	.022	KURTOSIS	.497	SKEWNESS	.242
RANGE	.700	MINIMUM	.130	MAXIMUM	.830
SUM	14.820				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE NA20

MEAN	.374	STD ERROR	.016	STD DEV	.090
VARIANCE	.008	KURTOSIS	-.134	SKEWNESS	.184
RANGE	.360	MINIMUM	.200	MAXIMUM	.560
SUM	11.230				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE K20

MEAN	4.324	STD ERROR	.098	STD DEV	.535
VARIANCE	.287	KURTOSIS	4.351	SKEWNESS	-1.733
RANGE	2.600	MINIMUM	2.420	MAXIMUM	5.020
SUM	129.710				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.138	STD ERROR	.011	STD DEV	.060
VARIANCE	.004	KURTOSIS	5.566	SKEWNESS	1.898
RANGE	.310	MINIMUM	.050	MAXIMUM	.360
SUM	4.140				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	1.683	STD ERROR	.321	STD DEV	1.757
VARIANCE	3.088	KURTOSIS	4.060	SKEWNESS	1.815
RANGE	7.820	MINIMUM	.090	MAXIMUM	7.910
SUM	50.480				

VALID OBSERVATIONS - 30 MISSING OBSERVATIONS - 0

TRANSPACE REQUIRED.. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 40)
TASK NAME ROCK CODE 40
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit 1D

ROCK CODE 40

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE SI02

MEAN	61.084	STD ERROR	.421	STD DEV	3.398
VARIANCE	11.544	KURTOSIS	.285	SKEWNESS	.765
RANGE	15.210	MINIMUM	55.400	MAXIMUM	70.610
SUM	3970.430				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	.573	STD ERROR	.017	STD DEV	.139
VARIANCE	.019	KURTOSIS	.734	SKEWNESS	.092
RANGE	.770	MINIMUM	.180	MAXIMUM	.950
SUM	37.250				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	21.320	STD ERROR	.267	STD DEV	2.151
VARIANCE	4.626	KURTOSIS	.458	SKEWNESS	-.499
RANGE	10.620	MINIMUM	15.670	MAXIMUM	26.290
SUM	1385.770				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	8.857	STD ERROR	.146	STD DEV	1.176
VARIANCE	1.382	KURTOSIS	1.476	SKEWNESS	-.701
RANGE	6.350	MINIMUM	4.880	MAXIMUM	11.230
SUM	575.700				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE FEO

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.

VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

ROCK CODE 40
FILE GCHSS3

(CREATION DATE = 12/27/79)

NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE MNO

MEAN	.086	STD ERROR	.005	STD DEV	.037
VARIANCE	.001	KURTOSIS	6.911	SKEWNESS	2.226
RANGE	.210	MINIMUM	.040	MAXIMUM	.250
SUM	5.620				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	2.196	STD ERROR	.054	STD DEV	.431
VARIANCE	.186	KURTOSIS	.252	SKEWNESS	-.022
RANGE	2.250	MINIMUM	1.110	MAXIMUM	3.360
SUM	142.710				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	.939	STD ERROR	.070	STD DEV	.566
VARIANCE	.320	KURTOSIS	7.015	SKEWNESS	2.244
RANGE	3.200	MINIMUM	.330	MAXIMUM	3.530
SUM	61.010				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE NA2O

MEAN	.743	STD ERROR	.039	STD DEV	.317
VARIANCE	.100	KURTOSIS	2.339	SKEWNESS	.918
RANGE	1.750	MINIMUM	.230	MAXIMUM	1.980
SUM	48.310				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

ROCK CODE 40
FILE GCHS93

(CREATION DATE = 12/27/79)

NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	4.021	STD ERROR	.085	STD DEV	.688
VARIANCE	.474	KURTOSIS	.541	SKEWNESS	.129
RANGE	3.700	MINIMUM	2.260	MAXIMUM	5.960
SUM	261.360				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.181	STD ERROR	.007	STD DEV	.053
VARIANCE	.003	KURTOSIS	3.111	SKEWNESS	1.083
RANGE	.310	MINIMUM	.090	MAXIMUM	.400
SUM	11.750				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.428	STD ERROR	.065	STD DEV	.526
VARIANCE	.277	KURTOSIS	19.718	SKEWNESS	3.974
RANGE	3.480	MINIMUM	.040	MAXIMUM	3.520
SUM	27.830				

VALID OBSERVATIONS - 65 MISSING OBSERVATIONS - 0

TRANSPACE REQUIRED.. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

*SELECT IF (ROCKCODE EQ 3)
TASK NAME ROCK CODE 3
CONDESCRIPTIVE SIO2 TO S

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE # 3

SIMPLE STATISTICS

for Unit 3G

ROCK CODE 3

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE S102

MEAN	58.379	STD ERROR	.890	STD DEV	4.077
VARIANCE	16.626	KURTOSIS	.976	SKEWNESS	-1.122
RANGE	14.580	MINIMUM	48.590	MAXIMUM	63.170
SUM	1225.950				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE T102

MEAN	.784	STD ERROR	.068	STD DEV	.313
VARIANCE	.098	KURTOSIS	3.457	SKEWNESS	.797
RANGE	1.590	MINIMUM	.120	MAXIMUM	1.710
SUM	16.470				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	20.859	STD ERROR	.604	STD DEV	2.769
VARIANCE	7.669	KURTOSIS	2.373	SKEWNESS	-.524
RANGE	12.910	MINIMUM	13.030	MAXIMUM	25.940
SUM	438.030				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	9.496	STD ERROR	.455	STD DEV	2.084
VARIANCE	4.342	KURTOSIS	.129	SKEWNESS	.873
RANGE	7.520	MINIMUM	6.330	MAXIMUM	13.850
SUM	199.410				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE FEO

STATISTICS CAN NOT BE COMPUTED FOR THIS VARIABLE.
 VARIABLE IS EITHER MISSING FOR EVERY CASE, ALPHANUMERIC, OR HAS NUMERIC VALUES EXCEEDING 10,000,000,000,000.

ROCK CODE 3

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE MNO

MEAN	.109	STD ERROR	.027	STD DEV	.124
VARIANCE	.015	KURTOSIS	17.341	SKEWNESS	4.015
RANGE	.600	MINIMUM	.030	MAXIMUM	.630
SUM	2.290				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE MGO

MEAN	2.684	STD ERROR	.324	STD DEV	1.485
VARIANCE	2.205	KURTOSIS	15.164	SKEWNESS	3.718
RANGE	7.170	MINIMUM	1.560	MAXIMUM	8.730
SUM	56.370				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE CAO

MEAN	1.961	STD ERROR	.639	STD DEV	2.928
VARIANCE	8.572	KURTOSIS	5.305	SKEWNESS	2.283
RANGE	11.370	MINIMUM	.230	MAXIMUM	11.600
SUM	41.180				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE NA20

MEAN	1.272	STD ERROR	.106	STD DEV	.485
VARIANCE	.235	KURTOSIS	-.891	SKEWNESS	-.050
RANGE	1.700	MINIMUM	.370	MAXIMUM	2.070
SUM	26.720				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

ROCK CODE 3

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	4.289	STD ERROR	.195	STD DEV	.892
VARIANCE	.796	KURTOSIS	2.193	SKEWNESS	-1.103
RANGE	3.820	MINIMUM	1.730	MAXIMUM	5.550
SUM	90.060				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.168	STD ERROR	.012	STD DEV	.055
VARIANCE	.003	KURTOSIS	2.005	SKEWNESS	1.340
RANGE	.220	MINIMUM	.100	MAXIMUM	.320
SUM	3.520				

VALID OBSERVATIONS - 21 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.039	STD ERROR	.011	STD DEV	.042
VARIANCE	.002	KURTOSIS	3.188	SKEWNESS	1.952
RANGE	.140	MINIMUM	.010	MAXIMUM	.150
SUM	.580				

VALID OBSERVATIONS - 15 MISSING OBSERVATIONS - 6

TRANSPACE REQUIRED.. 25 WORDS
1 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
3 IF/COMPUTE OPERATIONS

SAVE FILE

FILE GCHSS3 HAS BEEN SAVED WITH 35 VARIABLES..

SEGNUM	SUBFILE	CASWGT	SPEC	SI02	TI02	AL203	FE203	FEO	MNO
MGO	CA0	NA20	K20	P205	S	LOI	BA	CU	PB
ZN	CD	AG	CR	V	CO	NI	MO	RB	SR
ZR	Y	ROCKCODE	GROUP	SEQ					

THE SUBFILES ARE..

NAME	NO OF CASES
GCHSS3	374

FINISH

NORMAL END OF JOB.
45 CONTROL CARDS WERE PROCESSED.
0 ERRORS WERE DETECTED.

SPSS FOR INFONET CSTS, RELEASE 7.2.1, JUNE 21, 1979

DEFAULT SPACE ALLOCATION.. ALLOWS FOR.. 23 TRANSFORMATIONS
 WORKSPACE 3584 WORDS 46 RECODE VALUES + LAG VARIABLES
 TRANSSPACE 512 WORDS 46 IF/COMPUTE OPERATIONS

RUN NAME CYPRUS ANVIL MINING CORPORATION
 GET FILE GCHSS3

FILE GCHSS3 HAS 35 VARIABLES

THE SUBFILES ARE..

NAME	NO OF CASES
GCHSS3	374

COMPUTE NCODE=9
 IF (ROCKCODE EQ 2) NCODE=1
 IF (ROCKCODE EQ 4) NCODE=2
 TASK NAME ROCK CODES 2 & 4
 T-TEST GROUPS= NCODE(1,2)/ VARIABLES= S102 TO S

***** T-TEST PROBLEM REQUIRES 86 WORDS OF WORKSPACE *****

T - T E S T

GROUP 1 - NCODE EQ 1.
GROUP 2 - NCODE EQ 2.

VARIABLE	NUMBER OF CASES	MEAN	STANDARD DEVIATION	STANDARD ERROR	* POOLED VARIANCE ESTIMATE *		* SEPARATE VARIANCE ESTIMATE *											
					F VALUE	2-TAIL PROB.	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.						
SI02	GROUP 1	7	49.4414	1.510	.571	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	26	50.4473	4.200	.824	7.74	.020	-.62	31	.542	-1.00	27.94	.324	*	*	*	*	*
TI02	GROUP 1	7	2.0771	.827	.313	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	26	1.6692	1.079	.212	1.70	.524	.93	31	.362	1.08	12.14	.301	*	*	*	*	*
AL203	GROUP 1	7	15.1500	1.329	.502	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	26	15.3446	3.291	.645	6.14	.034	-.15	31	.880	-.24	25.50	.814	*	*	*	*	*
FE203	GROUP 1	7	12.3300	.845	.319	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	26	12.3593	2.798	.549	10.97	.009	-.03	31	.979	-.05	30.31	.964	*	*	*	*	*
FEO	GROUP 1	0	0.	0.	0.	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	7	7.3014	2.769	1.047	0.	1.000	-6.98	6	.000	-6.98	6.00	.000	*	*	*	*	*
MNO	GROUP 1	7	.1600	.016	.006	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	26	.1373	.046	.009	8.03	.018	1.26	31	.216	2.07	28.27	.048	*	*	*	*	*
MGO	GROUP 1	7	7.1486	1.359	.514	*	*	*	*	*	*	*	*	*	*	*	*	*
	GROUP 2	26	8.5358	4.665	.915	11.79	.007	-.77	31	.447	-1.32	30.58	.196	*	*	*	*	*

T - T E S T

GROUP 1 - NCODE EQ 1.
GROUP 2 - NCODE EQ 2.

VARIABLE	NUMBER OF CASES	MEAN	STANDARD DEVIATION	STANDARD ERROR	* POOLED VARIANCE ESTIMATE *		* SEPARATE VARIANCE ESTIMATE *								
					F VALUE	2-TAIL PROB.	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.	T VALUE	DEGREES OF FREEDOM	2-TAIL PROB.			
CAO	GROUP 1	7	10.0129	1.145	.433										
	GROUP 2	26	7.1685	3.387	.664	8.74	.015	2.17	31	.038	3.59	28.97	.001		
NA20	GROUP 1	7	3.1729	.631	.239										
	GROUP 2	26	3.2488	1.508	.296	5.71	.041	-.13	31	.898	-.20	24.66	.843		
K20	GROUP 1	7	.2929	.162	.061										
	GROUP 2	26	.9827	1.124	.220	48.20	.000	-1.60	31	.120	-3.01	28.30	.005		
P205	GROUP 1	7	.2157	.072	.027										
	GROUP 2	26	.3242	.191	.037	7.13	.024	-1.46	31	.154	-2.35	27.14	.027		
S	GROUP 1	7	.0743	.092	.035										
	GROUP 2	18	.0356	.027	.006	11.47	.000	1.65	23	.112	1.09	6.41	.317		

TRANSPACE REQUIRED.. 75 WORDS
3 TRANSFORMATIONS
0 RECODE VALUES + LAG VARIABLES
12 IF/COMPUTE OPERATIONS

FINISH

NORMAL END OF JOB.
8 CONTROL CARDS WERE PROCESSED.
0 ERRORS WERE DETECTED.

SPSS FOR INFONET CSTS, RELEASE 7.2.1, JUNE 21, 1979

DEFAULT SPACE ALLOCATION.. ALLOWS FOR.. 23 TRANSFORMATIONS
 WORKSPACE 3584 WORDS 46 RECODE VALUES + LAG VARIABLES
 TRANSPAGE 512 WORDS 46 IF/COMPUTE OPERATIONS

RUN NAME CYPRUS ANVIL MINING CORPORATION
 FILE NAME GCHSS3 NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED
 VARIABLE LIST SPEC SIO2 TI02 AL203 FE203 FEO MNO MGO CAO NA20 K20 P205 S LOI
 BA CU PB ZN CD AG CR V CO NI MO RB SR ZR Y ROCKCODE GROUP SEQ
 INPUT MEDIUM DISK
 N OF CASES UNKNOWN
 INPUT FORMAT FIXED (A1,19X,7F8.2/12X,8F8.2/12X,8F8.2/12X,5F8.2,22X,F2.0,F1.0,
 F3.0)

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE	FORMAT	RECORD	COLUMNS
SPEC	A	1	1
SIO2	F 8.	1	21-28
TI02	F 8.	1	29-36
AL203	F 8.	1	37-44
FE203	F 8.	1	45-52
FEO	F 8.	1	53-60
MNO	F 8.	1	61-68
MGO	F 8.	1	69-76
CAO	F 8.	1	77-84
NA20	F 8.	1	85-92
K20	F 8.	1	93-100
P205	F 8.	1	101-108
S	F 8.	1	109-116
LOI	F 8.	1	117-124
BA	F 8.	1	125-132
CU	F 8.	1	133-140
PB	F 8.	1	141-148
ZN	F 8.	1	149-156
CD	F 8.	1	157-164
AG	F 8.	1	165-172
CR	F 8.	1	173-180
V	F 8.	1	181-188
CO	F 8.	1	189-196
NI	F 8.	1	197-204
MO	F 8.	1	205-212
RB	F 8.	4	213-220
SR	F 8.	4	221-228

FILE # 3

NORMALIZED TO EXCLUDE LOI

(LOI = LOI * + S)

CONDENSATIVE for all elements

ACCORDING TO YOUR INPUT FORMAT, VARIABLES ARE TO BE READ AS FOLLOWS

VARIABLE FORMAT RECORD COLUMNS

ZR	F 8. 2	4	37- 44
Y	F 8. 2	4	45- 52
ROCKCODE	F 2. 0	4	75- 76
GROUP	F 1. 0	4	77- 77
SEQ	F 3. 0	4	78- 80

THE INPUT FORMAT PROVIDES FOR 32 VARIABLES. 32 WILL BE READ
 IT PROVIDES FOR 4 RECORDS ('CARDS') PER CASE. A MAXIMUM OF 80 'COLUMNS' ARE USED ON A RECORD.

RECODE SPEC (' '=0)
 MISSING VALUES SI02 TO Y (-.01)
 VAR LABELS SPEC SPECIMEN ID
 GROUP DATA GROUP /
 SEQ SAMPLE SEQUENCE
 VALUE LABELS SPEC ('F')FARO SAMPLE ('C')CONTROL SAMPLE ('O')FIELD SAMPLE/
 GROUP (1)1977 HAND SAMPLE (2)1979 WHOLE ROCK (3)SECTION 118/
 ROCKCODE (1)1F (2)3C (3)3G (4)5C (5)5F (6)MCV (7)5CU (8)5CG
 (9)STDMRG-1 (10)UNK (11)KSMB (12)KSE (13)5D (14)1C (15)3E
 (16)3G-D (17)STD SY-2 (18)3D (19)3DW (20)3DV (21)5BD (22)5B
 (23)5B3 (24)5A (25)ARGBS (26)FLSZB (27)ARGBK (28)SEV (29)ARGBD
 (30)FLSZG (31)0E8 (32)1CD (33)0E7 (34)1C6 (35)1D4 (36)0E6
 (37)0D8 (38)1C5 (39)0E (40)1D (41)STD SY-3 (42)2A (43)1D+1F
 PRINT FORMATS SPEC (A) / SI02 TO Y (2)
 IF (FE0 NF -.01) FE203=FE203+(FE0*1.11134)
 READ INPUT DATA

AFTER READING 374 CASES FROM SUBFILE GCHSS3 , END OF FILE WAS ENCOUNTERED ON LOGICAL UNIT # 8

TRANSPACE REQUIRED.. 50 WORDS
2 TRANSFORMATIONS
2 RECODE VALUES + LAG VARIABLES
7 IF/COMPUTE OPERATIONS

FREQUENCIES GENERAL= SPEC GROUP ROCKCODE

GIVEN WORKSPACE ALLOWS FOR 1195 TOTAL VALUES AND 99 LABELED VALUES PER VARIABLE FOR 'FREQUENCIES'

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

GROUP DATA GROUP

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
1977 HAND SAMPLE	1.	55	14.7	14.7	14.7
1979 WHOLE ROCK	2.	112	29.9	29.9	44.7
SECTION 118	3.	207	55.3	55.3	100.0
	TOTAL	374	100.0	100.0	

VALID CASES 374 MISSING CASES 0

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

ROCKCODE

CATEGORY LABEL	CODE	ABSOLUTE FREQ	RELATIVE FREQ (PCT)	ADJUSTED FREQ (PCT)	CUM FREQ (PCT)
1F	1.	8	2.1	2.1	2.1
3C	2.	7	1.9	1.9	4.0
3G	3.	21	5.6	5.6	9.6
5C	4.	26	7.0	7.0	16.6
5F	5.	2	.5	.5	17.1
MCV	6.	29	7.8	7.8	24.9
5CU	7.	1	.3	.3	25.1
5CG	8.	1	.3	.3	25.4
STDMRG-1	9.	10	2.7	2.7	28.1
UNK	10.	1	.3	.3	28.3
KSMB	11.	6	1.6	1.6	29.9
KSE	12.	2	.5	.5	30.5
5D	13.	4	1.1	1.1	31.6
1C	14.	12	3.2	3.2	34.8
3E	15.	1	.3	.3	35.0
3G-D	16.	1	.3	.3	35.3
STD SY-2	17.	6	1.6	1.6	36.9
3D	18.	11	2.9	2.9	39.8
3DW	19.	3	.8	.8	40.6
3DV	20.	1	.3	.3	40.9
5BD	21.	1	.3	.3	41.2
5B	22.	10	2.7	2.7	43.9

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

5B3	23.	1	.3	.3	44.1
5A	24.	1	.3	.3	44.4
ARGBS	25.	5	1.3	1.3	45.7
FLSZB	26.	3	.8	.8	46.5
ARGBK	27.	5	1.3	1.3	47.9
SFV	28.	2	.5	.5	48.4
ARGBD	29.	2	.5	.5	48.9
FLSZG	30.	3	.8	.8	49.7
0E8	31.	11	2.9	2.9	52.7
1C0	32.	47	12.6	12.6	65.2
0E7	33.	2	.5	.5	65.8
1C6	34.	18	4.8	4.8	70.6
1D4	35.	30	8.0	8.0	78.6
0E6	36.	1	.3	.3	78.9
0D8	37.	1	.3	.3	79.1
1C5	38.	2	.5	.5	79.7
0E	39.	6	1.6	1.6	81.3
1D	40.	65	17.4	17.4	98.7
STD SY-3	41.	3	.8	.8	99.5
2A	42.	1	.3	.3	99.7
1D+1F	43.	1	.3	.3	100.0
TOTAL		374	100.0	100.0	

VALID CASES

374

MISSING CASES

0

CONDESCRIPTIVE S102 TO Y

***** GIVEN WORKSPACE ALLOWS FOR 275 VARIABLES FOR CONDESCRIPTIVE PROBLEM *****

STATISTICS ALL

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE SI02

MEAN	56.738	STD ERROR	.382	STD DEV	7.385
VARIANCE	54.538	KURTOSIS	.881	SKEWNESS	-.061
RANGE	57.180	MINIMUM	31.380	MAXIMUM	88.560
SUM	21219.900				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

VARIABLE TI02

MEAN	1.012	STD ERROR	.048	STD DEV	.921
VARIANCE	.849	KURTOSIS	4.169	SKEWNESS	2.091
RANGE	4.940	MINIMUM	0.	MAXIMUM	4.940
SUM	378.630				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

VARIABLE AL203

MEAN	18.272	STD ERROR	.217	STD DEV	4.198
VARIANCE	17.621	KURTOSIS	.512	SKEWNESS	-.496
RANGE	29.920	MINIMUM	.860	MAXIMUM	30.780
SUM	6833.910				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

VARIABLE FE203

MEAN	10.223	STD ERROR	.162	STD DEV	3.132
VARIANCE	9.810	KURTOSIS	.843	SKEWNESS	.642
RANGE	21.012	MINIMUM	.880	MAXIMUM	21.892
SUM	3823.316				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

VARIABLE FEO

MEAN	7.822	STD ERROR	.320	STD DEV	2.536
VARIANCE	6.431	KURTOSIS	1.633	SKEWNESS	-.064
RANGE	14.900	MINIMUM	1.460	MAXIMUM	16.360
SUM	492.780				

VALID OBSERVATIONS - 63 MISSING OBSERVATIONS - 311

VARIABLE MNO

MEAN	.119	STD ERROR	.004	STD DEV	.069
VARIANCE	.005	KURTOSIS	9.883	SKEWNESS	2.167
RANGE	.620	MINIMUM	.010	MAXIMUM	.630
SUM	44.360				

VALID OBSERVATIONS -	374	MISSING OBSERVATIONS -	0
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VARIABLE MGO

MEAN	4.245	STD ERROR	.199	STD DEV	3.850
VARIANCE	14.826	KURTOSIS	12.363	SKEWNESS	2.816
RANGE	32.940	MINIMUM	.310	MAXIMUM	33.250
SUM	1587.480				

VALID OBSERVATIONS -	374	MISSING OBSERVATIONS -	0
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VARIABLE CAO

MEAN	4.679	STD ERROR	.282	STD DEV	5.447
VARIANCE	29.673	KURTOSIS	11.641	SKEWNESS	2.252
RANGE	49.160	MINIMUM	.130	MAXIMUM	49.290
SUM	1750.020				

VALID OBSERVATIONS -	374	MISSING OBSERVATIONS -	0
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VARIABLE NA20

MEAN	1.593	STD ERROR	.070	STD DEV	1.363
VARIANCE	1.857	KURTOSIS	.136	SKEWNESS	1.102
RANGE	5.600	MINIMUM	.110	MAXIMUM	5.710
SUM	595.820				

VALID OBSERVATIONS -	374	MISSING OBSERVATIONS -	0
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FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE K20

MEAN	3.014	STD ERROR	.091	STD DEV	1.758
VARIANCE	3.091	KURTOSIS	-1.119	SKEWNESS	-.477
RANGE	6.830	MINIMUM	0.	MAXIMUM	6.830
SUM	1127.240				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

VARIABLE P205

MEAN	.212	STD ERROR	.007	STD DEV	.136
VARIANCE	.018	KURTOSIS	3.629	SKEWNESS	1.877
RANGE	.820	MINIMUM	.040	MAXIMUM	.860
SUM	79.260				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

VARIABLE S

MEAN	.522	STD ERROR	28.062	STD DEV	.996
VARIANCE	.993	KURTOSIS	28.014	SKEWNESS	4.764
RANGE	8.200	MINIMUM	.010	MAXIMUM	8.210
SUM	136.660				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE LOI

MEAN	0.	STD ERROR	0.	STD DEV	0.
VARIANCE	0.	KURTOSIS	0.	SKEWNESS	0.
RANGE	0.	MINIMUM	0.	MAXIMUM	0.
SUM	0.				

VALID OBSERVATIONS - 374 MISSING OBSERVATIONS - 0

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE BA

MEAN	1408.042	STD ERROR	350.775	STD DEV	5677.788
VARIANCE	*****	KURTOSIS	242.352	SKEWNESS	15.332
RANGE	91130.000	MINIMUM	70.000	MAXIMUM	91200.000
SUM	368907.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE CU

MEAN	110.176	STD ERROR	15.718	STD DEV	254.417
VARIANCE	64727.792	KURTOSIS	79.958	SKEWNESS	7.891
RANGE	3096.000	MINIMUM	4.000	MAXIMUM	3100.000
SUM	28866.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE PB

MEAN	116.298	STD ERROR	52.068	STD DEV	842.801
VARIANCE	710313.520	KURTOSIS	232.055	SKEWNESS	14.902
RANGE	13298.000	MINIMUM	2.000	MAXIMUM	13300.000
SUM	30470.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE ZN

MEAN	225.412	STD ERROR	60.056	STD DEV	972.088
VARIANCE	944954.220	KURTOSIS	94.064	SKEWNESS	9.455
RANGE	11480.000	MINIMUM	20.000	MAXIMUM	11500.000
SUM	59058.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE CD

MEAN	.274	STD ERROR	.082	STD DEV	1.320
VARIANCE	1.743	KURTOSIS	58.365	SKEWNESS	7.206
RANGE	13.500	MINIMUM	0.	MAXIMUM	13.500
SUM	71.800				

VALID OBSERVATIONS = 262 MISSING OBSERVATIONS = 112

VARIABLE AG

MEAN	.365	STD ERROR	.054	STD DEV	.877
VARIANCE	.770	KURTOSIS	20.312	SKEWNESS	4.381
RANGE	6.000	MINIMUM	0.	MAXIMUM	6.000
SUM	95.600				

VALID OBSERVATIONS = 262 MISSING OBSERVATIONS = 112

VARIABLE CR

MEAN	136.088	STD ERROR	9.174	STD DEV	148.489
VARIANCE	22048.854	KURTOSIS	22.654	SKEWNESS	4.297
RANGE	1195.000	MINIMUM	5.000	MAXIMUM	1200.000
SUM	35655.000				

VALID OBSERVATIONS = 262 MISSING OBSERVATIONS = 112

VARIABLE V

MEAN	132.340	STD ERROR	5.329	STD DEV	86.256
VARIANCE	7440.103	KURTOSIS	20.631	SKEWNESS	3.947
RANGE	752.000	MINIMUM	48.000	MAXIMUM	800.000
SUM	34673.000				

VALID OBSERVATIONS = 262 MISSING OBSERVATIONS = 112

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE CO

MEAN	35.950	STD ERROR	.876	STD DEV	14.182
VARIANCE	201.143	KURTOSIS	6.485	SKEWNESS	2.094
RANGE	104.000	MINIMUM	16.000	MAXIMUM	120.000
SUM	9419.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE NI

MEAN	57.531	STD ERROR	5.032	STD DEV	81.456
VARIANCE	6635.116	KURTOSIS	45.355	SKEWNESS	5.993
RANGE	790.000	MINIMUM	0.	MAXIMUM	790.000
SUM	15073.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE MO

MEAN	3.832	STD ERROR	.083	STD DEV	1.343
VARIANCE	1.803	KURTOSIS	28.767	SKEWNESS	4.032
RANGE	14.000	MINIMUM	2.000	MAXIMUM	16.000
SUM	1004.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE RB

MEAN	132.179	STD ERROR	3.744	STD DEV	60.594
VARIANCE	3671.673	KURTOSIS	.140	SKEWNESS	-1.007
RANGE	271.000	MINIMUM	0.	MAXIMUM	271.000
SUM	34631.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

FILE GCHSS3 (CREATION DATE = 12/27/79) NORMALIZED WITHOUT L.O.I. - 'S' INCLUDED

VARIABLE SR

MEAN	136.221	STD ERROR	13.559	STD DEV	219.466
VARIANCE	48165.360	KURTOSIS	112.006	SKEWNESS	9.050
RANGE	2987.000	MINIMUM	13.000	MAXIMUM	3000.000
SUM	35690.000				

VALID OBSERVATIONS - 262 MISSING OBSERVATIONS - 112

VARIABLE ZR

MEAN	151.250	STD ERROR	7.772	STD DEV	79.257
VARIANCE	6281.684	KURTOSIS	2.474	SKEWNESS	1.340
RANGE	437.000	MINIMUM	5.000	MAXIMUM	442.000
SUM	15730.000				

VALID OBSERVATIONS - 104 MISSING OBSERVATIONS - 270

VARIABLE Y

MEAN	20.173	STD ERROR	7.182	STD DEV	73.245
VARIANCE	5364.805	KURTOSIS	86.802	SKEWNESS	9.008
RANGE	728.000	MINIMUM	0.	MAXIMUM	728.000
SUM	2098.000				

VALID OBSERVATIONS - 104 MISSING OBSERVATIONS - 270