APPENDIX A

Summary Statistics

A1 - Summary Statistics Based on Block Wipe Data as µg/cm^2 Block Wipe and Hand Rub Data as µg/cm^2 Hand

A2 - Summary Statistics Based on Block Wipe Data as µg/cm^2 Test Coupon and Hand Rub Data as µg/cm^2 Hand

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=. DECKID=FLUn REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	0.1828001	0.1974231	0.0610050	0.9465000
Y	20	0.0148915	0.0142821	0.0025840	0.0522948
LX	20	-1.9713350	0.6532948	-2.7967995	-0.0549843
LY	20	-4.5664720	0.8430039	-5.9584187	-2.9508588
R	20	0.1140366	0.1253834	0.0162545	0.4521865
LR	20	-2.5951370	0.9142636	-4.1193850	-0.7936606

STUDY=Full ANALYTE=Arsenic AGE=. DECKID=NCUn REGION=.

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	0.1359188	0.0400465	0.0920250	0.2213250
Y	8	0.0135412	0.0125697	0.0037035	0.0395884
LX	8	-2.0294449	0.2709717	-2.3856950	-1.5081231
LY	8	-4.6304654	0.8432680	-5.5984762	-3.2292187
R	8	0.0905381	0.0586214	0.0277734	0.1788701
LR	8	-2.6010205	0.6924945	-3.5836766	-1.7210956

STUDY=Full ANALYTE=Arsenic AGE=0 DECKID=FLFG REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	24	6.8719688	4.8080416	2.6145000	19.1025000
Y	24	0.2192911	0.2099984	0.0384057	0.8118591
LX	24	1.7082837	0.6657451	0.9610729	2.9498192
LY	24	-1.9354618	0.9327889	-3.2595491	-0.2084285
R	24	0.0345599	0.0283432	0.0037895	0.1227574
LR	24	-3.6437455	0.7760329	-5.5755248	-2.0975455

STUDY=Full ANALYTE=Arsenic AGE=0 DECKID=FLFR REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	36	3.0872083	2.5650262	1.4422500	12.7575000
Y	36	0.1429677	0.1322951	0.0129811	0.5433934
LX	36	0.9319141	0.5563106	0.3662044	2.5461193
LY	36	-2.3811145	0.9916760	-4.3442645	-0.6099218
R	36	0.0551481	0.0520123	0.0056991	0.2298080
LR	36	-3.3130287	0.9603744	-5.1674526	-1.4705110

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=0 DECKID=PAPF REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	28	9.1899562	4.2229877	4.9245000	21.3365246
Y	28	0.4297211	0.4051566	0.0546783	1.5575463
LX	28	2.1368211	0.3909195	1.5942227	3.0604204
LY	28	-1.2283207	0.8857002	-2.9062886	0.4431117
R	28	0.0507996	0.0511011	0.0062794	0.2071047
LR	28	-3.3651418	0.8806731	-5.0704733	-1.5745308

STUDY=Full ANALYTE=Arsenic AGE=0 DECKID=PAPS REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	29	73.6608918	69.8223050	5.3737500	222.1650000
Y	29	3.7447568	5.0986264	0.2453837	17.4667665
LX	29	3.6896431	1.2255233	1.6815260	5.4034203
LY	29	0.4514448	1.3835731	-1.4049320	2.8603000
R	29	0.0604922	0.0808014	0.0111601	0.4419071
LR	29	-3.2381983	0.8729679	-4.4954072	-0.8166555

STUDY=Full ANALYTE=Arsenic AGE=0.6 DECKID=PAP REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	23	1.5247793	0.5348900	0.7184250	2.5635000
Y	23	0.0613443	0.0449280	0.0158707	0.1887640
LX	23	0.3591423	0.3700836	-0.3306940	0.9413735
LY	23	-3.0197919	0.6897010	-4.1432781	-1.6672577
R	23	0.0412854	0.0271957	0.0061910	0.1186635
LR	23	-3.3789343	0.6483718	-5.0846516	-2.1314633

STUDY=Full ANALYTE=Arsenic AGE=0.7 DECKID=PAQ REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.7551000	0.4816008	0.9960000	3.2340000
Y	30	0.0811939	0.0489893	0.0115002	0.1807665
LX	30	0.5279363	0.2667717	-0.0040080	1.1737198
LY	30	-2.7053213	0.6697065	-4.4653869	-1.7105493
R	30	0.0464628	0.0270725	0.0108981	0.1130991
LR	30	-3.2332576	0.5981773	-4.5191646	-2.1794904

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=0.9 DECKID=PAR REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	34	2.2125000	1.1662655	0.8055000	6.1342500
Y	34	0.0657373	0.0548290	0.0100900	0.2665239
LX	34	0.6895058	0.4464092	-0.2162921	1.8138878
LY	34	-3.0008047	0.7499160	-4.5962073	-1.3222912
R	34	0.0381510	0.0440800	0.0043482	0.2164222
LR	34	-3.6903106	0.8910733	-5.4379900	-1.5305242

STUDY=Full ANALYTE=Arsenic AGE=1 DECKID=FLT REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.5299325	0.6688925	0.6800250	3.6630000
Y	30	0.0557284	0.0667350	0.0138372	0.2936704
LX	30	0.3521467	0.3733714	-0.3856257	1.2982825
LY	30	-3.2519761	0.7599522	-4.2803937	-1.2252972
R	30	0.0462294	0.0790882	0.0086097	0.4318524
LR	30	-3.6041227	0.8734061	-4.7548657	-0.8396715

STUDY=Full ANALYTE=Arsenic AGE=1 DECKID=FLY REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.1618150	0.3847103	0.6814500	2.3820000
Y	30	0.0349228	0.0242666	0.0019505	0.0971787
LX	30	0.1074889	0.2827375	-0.3835324	0.8679405
LY	30	-3.6017556	0.7858492	-6.2396652	-2.3312038
R	30	0.0324646	0.0248246	0.0021636	0.1090670
LR	30	-3.7092446	0.8185554	-6.1359699	-2.2157929

STUDY=Full ANALYTE=Arsenic AGE=1 DECKID=FLZ REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.0599100	0.3012861	0.6773250	1.8840000
Y	30	0.0441010	0.0265289	0.0129431	0.1048621
LX	30	0.0221056	0.2690724	-0.3896041	0.6333972
LY	30	-3.2958181	0.6057789	-4.3471889	-2.2551093
R	30	0.0453318	0.0335760	0.0137291	0.1489307
LR	30	-3.3179236	0.6675654	-4.2882347	-1.9042744

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=1 DECKID=PAM REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	32	3.7766250	2.2691301	1.8300000	10.8600000
Y	32	0.2030384	0.3812530	0.0217079	2.1885877
LX	32	1.2060482	0.4673883	0.6043160	2.3850863
LY	32	-2.1916494	0.9595630	-3.8300809	0.7832565
R	32	0.0461854	0.0427526	0.0073799	0.2150418
LR	32	-3.3976976	0.8100803	-4.9090006	-1.5369229

STUDY=Full ANALYTE=Arsenic AGE=1 DECKID=PAX REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	2.0293548	0.7162651	0.9262500	4.1775000
Y	31	0.0654071	0.0589083	0.0131972	0.3041039
LX	31	0.6504207	0.3436511	-0.0766111	1.4297130
LY	31	-3.0057788	0.7347586	-4.3277514	-1.1903860
R	31	0.0322992	0.0227730	0.0100905	0.0906498
LR	31	-3.6561995	0.6683025	-4.5961575	-2.4007514

STUDY=Full ANALYTE=Arsenic AGE=1.1 DECKID=FLAA REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.0678175	0.4743720	0.4124250	2.6400000
Y	30	0.0320658	0.0241147	0.0050066	0.1157508
LX	30	-0.0137264	0.3937235	-0.8857009	0.9707789
LY	30	-3.6895560	0.7331591	-5.2969912	-2.1563155
R	30	0.0329838	0.0251007	0.0050154	0.1084571
LR	30	-3.6758295	0.7592672	-5.2952397	-2.2214008

STUDY=Full ANALYTE=Arsenic AGE=1.3 DECKID=FLAB REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	12.9266568	3.7363681	6.6795000	24.2850000
Y	30	0.2421441	0.2175046	0.0388715	1.0871657
LX	30	2.5226123	0.2714386	1.8990431	3.1898589
LY	30	-1.6832379	0.7018467	-3.2474938	0.0835740
R	30	0.0199882	0.0195104	0.0020781	0.1042845
LR	30	-4.2058502	0.7560615	-6.1762847	-2.2606327

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=5 DECKID=FLV REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	27	2.6696111	1.7654068	0.9712500	8.4225000
Y	27	0.0421142	0.0172310	0.0169616	0.0830925
LX	27	0.8142961	0.5668416	-0.0291714	2.1309067
LY	27	-3.2481062	0.4145062	-4.0768040	-2.4878014
R	27	0.0196028	0.0095930	0.0061350	0.0397653
LR	27	-4.0624024	0.5454903	-5.0937427	-3.2247617

STUDY=Full ANALYTE=Arsenic AGE=5 DECKID=PAL REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	3.6693250	1.7209917	2.1562500	9.4425000
Y	30	0.0989839	0.0889894	0.0178498	0.3791623
LX	30	1.2282501	0.3529005	0.7683706	2.2452208
LY	30	-2.6596535	0.8366785	-4.0257628	-0.9697910
R	30	0.0274539	0.0243344	0.0052480	0.1170796
LR	30	-3.8879037	0.7562868	-5.2499058	-2.1449012

STUDY=Full ANALYTE=Arsenic AGE=6 DECKID=FLW REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	3.3033500	1.3787107	0.8077500	7.2697500
Y	30	0.0357584	0.0316509	0.0068375	0.1422754
LX	30	1.1004717	0.4737568	-0.2135027	1.9837219
LY	30	-3.6314101	0.7716818	-4.9853364	-1.9499903
R	30	0.0163988	0.0315622	0.0020805	0.1761380
LR	30	-4.7318818	0.9764690	-6.1751596	-1.7364876

STUDY=Full ANALYTE=Arsenic AGE=6 DECKID=PAI REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	29	2.2737931	1.3100567	0.8377500	5.5282500
Y	29	0.0864380	0.0870557	0.0145912	0.3589666
LX	29	0.6765763	0.5388464	-0.1770356	1.7098713
LY	29	-2.8388503	0.8882121	-4.2273337	-1.0245260
R	29	0.0468755	0.0575109	0.0068503	0.3022472
LR	29	-3.5154266	0.9269939	-4.9834557	-1.1965102

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=8 DECKID=PAH REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.7054750	0.6366109	0.9232500	3.8212500
Y	30	0.1062241	0.0912397	0.0185197	0.3655692
LX	30	0.4785208	0.3257315	-0.0798552	1.3405776
LY	30	-2.5650250	0.8189488	-3.9889184	-1.0062997
R	30	0.0688677	0.0665511	0.0084097	0.2723933
LR	30	-3.0435458	0.8701577	-4.7783702	-1.3005083

STUDY=Full ANALYTE=Arsenic AGE=15 DECKID=FLAC REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.9428000	0.8508980	0.7837500	4.7700000
Y	30	0.0401004	0.0391692	0.0072178	0.1666265
LX	30	0.5837751	0.4004477	-0.2436652	1.5623463
LY	30	-3.5978515	0.8600737	-4.9311997	-1.7920007
R	30	0.0197188	0.0154358	0.0053619	0.0562276
LR	30	-4.1816266	0.7108954	-5.2284345	-2.8783483

STUDY=Full ANALYTE=Arsenic AGE=15 DECKID=FLS REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	2.4140565	1.2632372	0.9847500	6.9532500
Y	31	0.0588359	0.0601089	0.0060846	0.2531914
LX	31	0.7667537	0.4795608	-0.0153675	1.9392092
LY	31	-3.2632618	0.9278755	-5.1019875	-1.3736094
R	31	0.0272886	0.0315315	0.0041540	0.1555708
LR	31	-4.0300156	0.9075453	-5.4836721	-1.8606545

STUDY=Full ANALYTE=Arsenic AGE=15 DECKID=FLU REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.1012900	0.9177776	0.3616500	5.2905000
Y	30	0.0328688	0.0305980	0.0079319	0.1497629
LX	30	-0.0846641	0.5503351	-1.0170784	1.6659128
LY	30	-3.7020065	0.7287309	-4.8368585	-1.8987021
R	30	0.0356296	0.0280658	0.0047637	0.1267029
LR	30	-3.6173423	0.7784848	-5.3467313	-2.0659100

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic AGE=15 DECKID=PAN REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.0419900	1.0701500	0.5646000	4.5705000
Y	30	0.0469896	0.0446051	0.0092448	0.2092138
LX	30	0.5721554	0.5612835	-0.5716378	1.5196226
LY	30	-3.3773894	0.7791419	-4.6836989	-1.5643987
R	30	0.0311738	0.0460018	0.0032759	0.2546760
LR	30	-3.9495448	0.9143463	-5.7211480	-1.3677629

STUDY=Full ANALYTE=Arsenic AGE=21 DECKID=PAK REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	3.3739500	1.8258144	1.3065000	9.5775000
Y	30	0.0689087	0.0776136	0.0101109	0.3835920
LX	30	1.1183931	0.4194905	0.2673518	2.2594166
LY	30	-3.0808442	0.8591061	-4.5941459	-0.9581757
R	30	0.0213906	0.0231023	0.0042474	0.1067083
LR	30	-4.1992373	0.7873526	-5.4614565	-2.2376567

STUDY=Full ANALYTE=Chromium AGE=. DECKID=FLUn REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	0.1623634	0.1315467	0.0672525	0.6617250
Y	20	0.0114509	0.0104191	0.0023228	0.0404017
LX	20	-1.9973621	0.5538397	-2.6993011	-0.4129052
LY	20	-4.8069871	0.8320957	-6.0649773	-3.2088831
R	20	0.0880149	0.0923602	0.0190394	0.4077892
LR	20	-2.8096250	0.8571178	-3.9612453	-0.8970049

STUDY=Full ANALYTE=Chromium AGE=. DECKID=NCUn REGION=.

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	0.1240903	0.0363662	0.0641475	0.1713000
Y	8	0.0092266	0.0065834	0.0032715	0.0222661
LX	8	-2.1321340	0.3384385	-2.7465702	-1.7643389
LY	8	-4.8963772	0.6893269	-5.7224971	-3.8046887
R	8	0.0773930	0.0521264	0.0234645	0.1722534
LR	8	-2.7642433	0.6975454	-3.7522687	-1.7587887

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium AGE=0 DECKID=FLFG REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	24	6.8961562	4.5286657	2.7975000	17.9025000
Y	24	0.2024527	0.1976720	0.0352421	0.7741999
LX	24	1.7377419	0.6239007	1.0287262	2.8849404
LY	24	-2.0110009	0.9199041	-3.3455151	-0.2559252
R	24	0.0325017	0.0308884	0.0030631	0.1471833
LR	24	-3.7487429	0.8206107	-5.7883145	-1.9160762

STUDY=Full ANALYTE=Chromium AGE=0 DECKID=FLFR REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	36	3.5256042	2.6462468	1.6042500	11.9175000
Y	36	0.1393342	0.1272590	0.0118316	0.4656101
LX	36	1.0845545	0.5385020	0.4726564	2.4780079
LY	36	-2.4145501	1.0096072	-4.4369831	-0.7644067
R	36	0.0479593	0.0475580	0.0044276	0.2069709
LR	36	-3.4991046	1.0153289	-5.4199040	-1.5751770

STUDY=Full ANALYTE=Chromium AGE=0 DECKID=PAPF REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	28	8.4177365	3.1866364	5.1502500	16.5278722
Y	28	0.3208752	0.2921358	0.0399605	1.0715943
LX	28	2.0715733	0.3364892	1.6390453	2.8050482
LY	28	-1.5070873	0.8802608	-3.2198632	0.0691475
R	28	0.0399227	0.0381699	0.0048001	0.1807454
LR	28	-3.5786606	0.8649514	-5.3391262	-1.7106659

STUDY=Full ANALYTE=Chromium AGE=0 DECKID=PAPS REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	29	47.4968093	40.7336123	3.2715000	129.9450000
Y	29	1.8707783	2.4251531	0.1400882	8.5844311
LX	29	3.3749470	1.0993395	1.1852486	4.8671113
LY	29	-0.1442059	1.3037694	-1.9654829	2.1499502
R	29	0.0439309	0.0460858	0.0073293	0.2295395
LR	29	-3.5191529	0.8808478	-4.9158736	-1.4716800

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium AGE=0.6 DECKID=PAP REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	23	1.3122293	0.4665133	0.6691500	2.4660000
Y	23	0.0438282	0.0321839	0.0125739	0.1382166
LX	23	0.2108975	0.3598101	-0.4017470	0.9025974
LY	23	-3.3607222	0.6936726	-4.3761342	-1.9789335
R	23	0.0343150	0.0216889	0.0050989	0.0878821
LR	23	-3.5716197	0.6774214	-5.2787316	-2.4317591

STUDY=Full ANALYTE=Chromium AGE=0.7 DECKID=PAQ REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.1064000	0.6028253	1.0282500	3.5737500
Y	30	0.0768916	0.0477645	0.0099211	0.2123227
LX	30	0.7032696	0.3003490	0.0278583	1.2736155
LY	30	-2.7578286	0.6672444	-4.6130937	-1.5496480
R	30	0.0374060	0.0226798	0.0083985	0.1020905
LR	30	-3.4610982	0.6189130	-4.7797056	-2.2818957

STUDY=Full ANALYTE=Chromium AGE=0.9 DECKID=PAR REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	34	3.6941250	1.6603611	1.4940000	9.2325000
Y	34	0.0784359	0.0601886	0.0120711	0.2144098
LX	34	1.2275175	0.3913401	0.4014571	2.2227299
LY	34	-2.8215606	0.7642296	-4.4169430	-1.5398660
R	34	0.0241989	0.0212247	0.0033110	0.0868408
LR	34	-4.0490782	0.8229735	-5.7105051	-2.4436792

STUDY=Full ANALYTE=Chromium AGE=1 DECKID=FLT REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.8090250	0.8927850	0.8805000	4.9762500
Y	30	0.0483699	0.0569172	0.0112743	0.2510377
LX	30	0.5046892	0.4044276	-0.1272654	1.6046766
LY	30	-3.3836296	0.7531447	-4.4852299	-1.3821521
R	30	0.0337322	0.0535612	0.0054717	0.2851081
LR	30	-3.8883188	0.8609219	-5.2081628	-1.2548867

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium AGE=1 DECKID=FLY REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.8639250	0.4262145	1.1265000	3.0067500
Y	30	0.0411846	0.0339489	0.0024553	0.1406304
LX	30	0.5983143	0.2237784	0.1191155	1.1008598
LY	30	-3.5148858	0.8696701	-6.0095250	-1.9616199
R	30	0.0231674	0.0203934	0.0012076	0.0952781
LR	30	-4.1132000	0.9082803	-6.7191605	-2.3509557

STUDY=Full ANALYTE=Chromium AGE=1 DECKID=FLZ REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	0.9943250	0.2797945	0.6108750	1.7137500
Y	30	0.0339677	0.0209791	0.0087948	0.0807426
LX	30	-0.0414698	0.2687150	-0.4928629	0.5386840
LY	30	-3.5715588	0.6365667	-4.7335941	-2.5164884
R	30	0.0367915	0.0280257	0.0106926	0.1321754
LR	30	-3.5300889	0.6670297	-4.5382018	-2.0236255

STUDY=Full ANALYTE=Chromium AGE=1 DECKID=PAM REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	32	3.8639766	2.1795752	2.0497500	10.7625000
Y	32	0.1640928	0.2943624	0.0144029	1.6784879
LX	32	1.2495678	0.4187051	0.7177178	2.3760679
LY	32	-2.4042242	0.9866622	-4.2403268	0.5178933
R	32	0.0359438	0.0324311	0.0047362	0.1559571
LR	32	-3.6537921	0.8309983	-5.3525201	-1.8581746

STUDY=Full ANALYTE=Chromium AGE=1 DECKID=PAX REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	3.1780161	1.0361512	1.5382500	5.4075000
Y	31	0.0754446	0.0670169	0.0118737	0.3074530
LX	31	1.1035424	0.3344325	0.4306454	1.6877869
LY	31	-2.8871956	0.7780520	-4.4334296	-1.1794332
R	31	0.0238698	0.0189049	0.0057051	0.0789453
LR	31	-3.9907380	0.7016370	-5.1663982	-2.5389996

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium AGE=1.1 DECKID=FLAA REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.5528725	0.4692828	0.7139250	2.6812500
Y	30	0.0306649	0.0196133	0.0058990	0.0757449
LX	30	0.3972378	0.2984431	-0.3369774	0.9862831
LY	30	-3.6905983	0.6767161	-5.1329690	-2.5803839
R	30	0.0209251	0.0136511	0.0035558	0.0552214
LR	30	-4.0878361	0.7066547	-5.6391840	-2.8964048

STUDY=Full ANALYTE=Chromium AGE=1.3 DECKID=FLAB REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	13.1092908	3.4329064	7.4287500	21.6300000
Y	30	0.1969162	0.1882592	0.0266002	0.9191371
LX	30	2.5417204	0.2535906	2.0053576	3.0740812
LY	30	-1.9038340	0.7142813	-3.6268383	-0.0843199
R	30	0.0156240	0.0146247	0.0016063	0.0753237
LR	30	-4.4455545	0.7532621	-6.4338285	-2.5859608

STUDY=Full ANALYTE=Chromium AGE=5 DECKID=FLV REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	28	2.6207411	1.5889245	0.8812500	7.5675000
Y	28	0.0295996	0.0153392	0.0037198	0.0654011
LX	28	0.8078102	0.5609054	-0.1264139	2.0238628
LY	28	-3.6682090	0.6026319	-5.5940947	-2.7272155
R	28	0.0138540	0.0079832	0.0013086	0.0354859
LR	28	-4.4760192	0.7107382	-6.6387787	-3.3386208

STUDY=Full ANALYTE=Chromium AGE=5 DECKID=PAL REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	4.8331000	2.4035961	3.1492500	13.0050000
Y	30	0.0936096	0.0828788	0.0169864	0.2785906
LX	30	1.4990415	0.3587327	1.1471643	2.5653339
LY	30	-2.7376411	0.8701295	-4.0753424	-1.2780120
R	30	0.0193285	0.0157781	0.0041114	0.0596470
LR	30	-4.2366826	0.7669922	-5.4939908	-2.8193113

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium AGE=6 DECKID=FLW REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	4.3336750	1.5535701	1.2105000	7.9800000
Y	30	0.0330256	0.0269359	0.0068066	0.1064145
LX	30	1.3926929	0.4192794	0.1910335	2.0769384
LY	30	-3.7056315	0.7818514	-4.9898580	-2.2404133
R	30	0.0097040	0.0128050	0.0013925	0.0690241
LR	30	-5.0983244	0.9214958	-6.5766380	-2.6733003

STUDY=Full ANALYTE=Chromium AGE=6 DECKID=PAI REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	4.3319500	6.9256375	1.1850000	39.9975000
Y	30	0.0878382	0.0859908	0.0147994	0.3711959
LX	30	1.0988034	0.6912040	0.1697428	3.6888170
LY	30	-2.8052776	0.8673060	-4.2131663	-0.9910254
R	30	0.0336010	0.0405971	0.0014543	0.2093603
LR	30	-3.9040810	1.0450257	-6.5332435	-1.5636985

STUDY=Full ANALYTE=Chromium AGE=8 DECKID=PAH REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.5478500	0.7764010	1.5577500	5.4000000
Y	30	0.1215559	0.1281844	0.0200192	0.5993666
LX	30	0.8956575	0.2811004	0.4432425	1.6863990
LY	30	-2.5034837	0.8692041	-3.9110616	-0.5118818
R	30	0.0484311	0.0458172	0.0066235	0.1844347
LR	30	-3.3991412	0.8717695	-5.0171291	-1.6904599

STUDY=Full ANALYTE=Chromium AGE=15 DECKID=FLAC REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.1510000	0.9821033	0.9855000	5.3355000
Y	30	0.0370242	0.0420862	0.0065563	0.1737750
LX	30	0.6800141	0.4103707	-0.0146062	1.6743826
LY	30	-3.7823873	0.9488241	-5.0273349	-1.7499938
R	30	0.0159671	0.0148130	0.0036883	0.0599566
LR	30	-4.4624014	0.7839607	-5.6025920	-2.8141336

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium AGE=15 DECKID=FLS REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	3.0030000	1.5115196	1.1580000	8.0700000
Y	31	0.0532147	0.0572879	0.0060509	0.2331029
LX	31	0.9905442	0.4697248	0.1466944	2.0881535
LY	31	-3.4084561	0.9674113	-5.1075532	-1.4562755
R	31	0.0199670	0.0248314	0.0025424	0.1149848
LR	31	-4.3990002	0.9590325	-5.9746442	-2.1629557

STUDY=Full ANALYTE=Chromium AGE=15 DECKID=FLU REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.4097500	0.8978394	0.5550000	5.4000000
Y	30	0.0270253	0.0244590	0.0070273	0.1190186
LX	30	0.2240379	0.4551087	-0.5887872	1.6863990
LY	30	-3.8820239	0.7057904	-4.9579510	-2.1284758
R	30	0.0219494	0.0196438	0.0034044	0.0942348
LR	30	-4.1060618	0.7525926	-5.6826931	-2.3619657

STUDY=Full ANALYTE=Chromium AGE=15 DECKID=PAN REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.0476125	0.8428613	0.6843750	3.9750000
Y	30	0.0352294	0.0350780	0.0068173	0.1358299
LX	30	0.6287012	0.4399721	-0.3792493	1.3800247
LY	30	-3.6765902	0.7766870	-4.9882913	-1.9963516
R	30	0.0220061	0.0350062	0.0025576	0.1948716
LR	30	-4.3052914	0.8902670	-5.9686829	-1.6354143

STUDY=Full ANALYTE=Chromium AGE=21 DECKID=PAK REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	3.9327000	2.0622041	1.7857500	10.7325000
Y	30	0.0609693	0.0741485	0.0100501	0.3866785
LX	30	1.2747923	0.4166901	0.5798385	2.3732765
LY	30	-3.2196374	0.8690088	-4.6001734	-0.9501617
R	30	0.0157039	0.0160237	0.0028272	0.0716071
LR	30	-4.4944297	0.7880312	-5.8684543	-2.6365607

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=. DECKID=FLUn REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	0.1002322	0.0686562	0.0395025	0.3618000
Y	20	0.0144687	0.0111606	0.0053842	0.0488749
LX	20	-2.4348386	0.4851754	-3.2313913	-1.0166637
LY	20	-4.4310549	0.5967942	-5.2242909	-3.0184922
R	20	0.1833808	0.1684697	0.0381248	0.7412863
LR	20	-1.9962163	0.7698852	-3.2668900	-0.2993684

STUDY=Full ANALYTE=Copper AGE=. DECKID=NCUn REGION=.

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	0.0903084	0.0386343	0.0396675	0.1458000
Y	8	0.0106840	0.0042424	0.0052756	0.0173326
LX	8	-2.4922059	0.4597828	-3.2272231	-1.9255195
LY	8	-4.6090392	0.4036052	-5.2446601	-4.0551650
R	8	0.1361316	0.0707088	0.0546554	0.2470663
LR	8	-2.1168333	0.5388557	-2.9067069	-1.3980987

STUDY=Full ANALYTE=Copper AGE=0 DECKID=FLFG REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	24	3.8072500	2.5975604	1.6350000	10.8675000
Y	24	0.1327500	0.1237592	0.0181470	0.4844929
LX	24	1.1571744	0.5825485	0.4916428	2.3857767
LY	24	-2.3743370	0.8480426	-4.0092510	-0.7246525
R	24	0.0400752	0.0385294	0.0025427	0.1949050
LR	24	-3.5315114	0.8367809	-5.9745435	-1.6352431

STUDY=Full ANALYTE=Copper AGE=0 DECKID=FLFR REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	36	2.3362292	0.8927291	0.7965000	4.9747500
Y	36	0.1300410	0.1126269	0.0090232	0.4677144
LX	36	0.7815042	0.3728245	-0.2275281	1.6043751
LY	36	-2.4280657	0.9452684	-4.7079609	-0.7598974
R	36	0.0702998	0.0932924	0.0042967	0.4563976
LR	36	-3.2095699	1.0496072	-5.4498983	-0.7843909

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=0 DECKID=PAPF REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	28	3.9858893	1.6181537	2.2275000	8.4978996
Y	28	0.1761171	0.1556895	0.0346480	0.5356164
LX	28	1.3135939	0.3685601	0.8008799	2.1398190
LY	28	-2.0612369	0.7993675	-3.3625145	-0.6243371
R	28	0.0476164	0.0439069	0.0071425	0.2050595
LR	28	-3.3748308	0.8176692	-4.9416994	-1.5844550

STUDY=Full ANALYTE=Copper AGE=0 DECKID=PAPS REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	29	22.4205194	19.8850522	1.4475000	62.6250000
Y	29	1.1327598	1.4539874	0.0685727	5.0640120
LX	29	2.5694594	1.1786736	0.3698379	4.1371646
LY	29	-0.6483508	1.3286466	-2.6798615	1.6221590
R	29	0.0744093	0.1514819	0.0089615	0.8435706
LR	29	-3.2178102	0.9602044	-4.7148178	-0.1701117

STUDY=Full ANALYTE=Copper AGE=0.6 DECKID=PAP REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	23	2.1020576	0.9364006	0.6803250	4.2450000
Y	23	0.0824777	0.0621371	0.0185692	0.2675451
LX	23	0.6360155	0.4943348	-0.3851847	1.4457418
LY	23	-2.7408132	0.7233896	-3.9862531	-1.3184670
R	23	0.0418255	0.0286451	0.0049013	0.1328592
LR	23	-3.3768288	0.6774904	-5.3182503	-2.0184656

STUDY=Full ANALYTE=Copper AGE=0.7 DECKID=PAQ REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.9655250	1.0709802	1.1670000	6.3945000
Y	30	0.1329729	0.0914055	0.0158552	0.3945235
LX	30	1.0246281	0.3666273	0.1544364	1.8554382
LY	30	-2.2428583	0.7123867	-4.1442580	-0.9300765
R	30	0.0456174	0.0309412	0.0135863	0.1525613
LR	30	-3.2674864	0.5941742	-4.2986944	-1.8801887

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=0.9 DECKID=PAR REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	34	1.6745515	0.4670188	0.9592500	2.8110000
Y	34	0.0543618	0.0409866	0.0122258	0.1902543
LX	34	0.4796764	0.2697235	-0.0416035	1.0335403
LY	34	-3.1454687	0.6857518	-4.4042040	-1.6593934
R	34	0.0359757	0.0318654	0.0071779	0.1405388
LR	34	-3.6251451	0.7629023	-4.9367421	-1.9622720

STUDY=Full ANALYTE=Copper AGE=1 DECKID=FLT REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.2603750	0.5380724	1.2735000	3.2625000
Y	30	0.0976227	0.1287670	0.0244193	0.6755743
LX	30	0.7862981	0.2510164	0.2417690	1.1824938
LY	30	-2.7131634	0.7662835	-3.7123832	-0.3921921
R	30	0.0504825	0.0873804	0.0104048	0.4778598
LR	30	-3.4994614	0.8337690	-4.5654857	-0.7384379

STUDY=Full ANALYTE=Copper AGE=1 DECKID=FLY REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	29	3.3617586	1.6041068	1.1595000	8.5500000
Y	29	0.0833145	0.0732838	0.0136005	0.2907537
LX	29	1.1228105	0.4218248	0.1479889	2.1459313
LY	29	-2.7978514	0.7985248	-4.2976494	-1.2352788
R	29	0.0280139	0.0250017	0.0020169	0.1255901
LR	29	-3.9206619	0.8975079	-6.2061867	-2.0747321

STUDY=Full ANALYTE=Copper AGE=1 DECKID=FLZ REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.1730050	0.3300499	0.6920250	1.8592500
Y	30	0.0576848	0.0366699	0.0185720	0.1482034
LX	30	0.1235005	0.2701570	-0.3681332	0.6201732
LY	30	-3.0291323	0.5947640	-3.9860981	-1.9091696
R	30	0.0532984	0.0424929	0.0168050	0.2061602
LR	30	-3.1526328	0.6406535	-4.0860761	-1.5791018

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=1 DECKID=PAM REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	32	1.4709844	0.6084718	0.7522500	3.4537500
Y	32	0.0813424	0.1058852	0.0152729	0.6101056
LX	32	0.3153216	0.3719916	-0.2846866	1.2394606
LY	32	-2.8800634	0.7886840	-4.1816784	-0.4941233
R	32	0.0562942	0.0554324	0.0098758	0.2618198
LR	32	-3.1953850	0.7760370	-4.6176727	-1.3400988

STUDY=Full ANALYTE=Copper AGE=1 DECKID=PAX REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	1.2713323	0.3781549	0.5575500	2.1592500
Y	31	0.0511064	0.0440751	0.0149085	0.2267771
LX	31	0.1950075	0.3113612	-0.5842031	0.7697609
LY	31	-3.2102918	0.6497191	-4.2058251	-1.4837875
R	31	0.0404390	0.0303179	0.0128864	0.1607493
LR	31	-3.4052993	0.6067095	-4.3515810	-1.8279090

STUDY=Full ANALYTE=Copper AGE=1.1 DECKID=FLAA REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	2.9156500	1.4676854	0.4522500	7.1760000
Y	30	0.0726718	0.0549567	0.0176933	0.2361869
LX	30	0.9430764	0.5456078	-0.7935202	1.9707421
LY	30	-2.8592969	0.6870582	-4.0345716	-1.4431319
R	30	0.0284021	0.0220271	0.0048752	0.1029919
LR	30	-3.8023733	0.7019377	-5.3235976	-2.2731048

STUDY=Full ANALYTE=Copper AGE=1.3 DECKID=FLAB REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	4.5377164	1.3369878	2.4862500	9.3975000
Y	30	0.0981259	0.0782995	0.0233971	0.4176857
LX	30	1.4768040	0.2636048	0.9107756	2.2404437
LY	30	-2.5283604	0.6151140	-3.7551433	-0.8730260
R	30	0.0230484	0.0196493	0.0040010	0.1083913
LR	30	-4.0051643	0.6760148	-5.5212003	-2.2220078

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=5 DECKID=FLV REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	28	0.8910321	0.4632991	0.3066000	2.0827500
Y	28	0.0257563	0.0123057	0.0038231	0.0596400
LX	28	-0.2328375	0.4869101	-1.1822113	0.7336891
LY	28	-3.7778146	0.5311801	-5.5666958	-2.8194288
R	28	0.0350443	0.0212093	0.0043982	0.0787423
LR	28	-3.5449772	0.6773690	-5.4265713	-2.5415749

STUDY=Full ANALYTE=Copper AGE=5 DECKID=PAL REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.6094250	0.7056962	1.0132500	3.7507500
Y	30	0.0522079	0.0374758	0.0080165	0.1549279
LX	30	0.4061486	0.3548855	0.0131630	1.3219558
LY	30	-3.2135733	0.7623860	-4.8262509	-1.8647951
R	30	0.0337065	0.0252430	0.0071448	0.1238433
LR	30	-3.6197219	0.6838240	-4.9413637	-2.0887384

STUDY=Full ANALYTE=Copper AGE=6 DECKID=FLW REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	1.2651895	1.9813602	0.5589000	11.8575000
Y	31	0.0311243	0.0273732	0.0075683	0.1011947
LX	31	-0.0436234	0.5369196	-0.5817847	2.4729606
LY	31	-3.7425308	0.6983623	-4.8837812	-2.2907091
R	31	0.0359840	0.0380985	0.0048054	0.1601781
LR	31	-3.6989074	0.8251882	-5.3380239	-1.8314688

STUDY=Full ANALYTE=Copper AGE=6 DECKID=PAI REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	29	1.0590259	0.4032638	0.5207250	2.0272500
Y	29	0.0564001	0.0532562	0.0109593	0.2010252
LX	29	-0.0065407	0.3587494	-0.6525332	0.7066802
LY	29	-3.2358370	0.8437442	-4.5135670	-1.6043250
R	29	0.0597688	0.0675632	0.0139702	0.3303953
LR	29	-3.2292963	0.8636561	-4.2708261	-1.1074654

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=8 DECKID=PAH REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.1212500	0.3846036	0.6208500	2.0865000
Y	30	0.0666130	0.0541241	0.0162003	0.1974185
LX	30	0.0645278	0.3128090	-0.4766658	0.7354880
LY	30	-2.9959027	0.7581771	-4.1227236	-1.6224292
R	30	0.0619418	0.0500379	0.0129090	0.2116997
LR	30	-3.0604305	0.7535708	-4.3498287	-1.5525864

STUDY=Full ANALYTE=Copper AGE=15 DECKID=FLAC REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.6596250	0.5993048	0.8827500	3.2010000
Y	30	0.0352206	0.0290623	0.0110981	0.1196557
LX	30	0.4495797	0.3368200	-0.1247132	1.1634633
LY	30	-3.5905710	0.6659606	-4.5009855	-2.1231365
R	30	0.0228846	0.0201577	0.0046287	0.0874676
LR	30	-4.0401506	0.6907702	-5.3754833	-2.4364863

STUDY=Full ANALYTE=Copper AGE=15 DECKID=FLS REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	31	1.3586540	0.6681996	0.7071000	4.1962500
Y	31	0.0370580	0.0290979	0.0093187	0.1192303
LX	31	0.2225526	0.3935043	-0.3465832	1.4341913
LY	31	-3.5467009	0.6972405	-4.6757368	-2.1266985
R	31	0.0299635	0.0273136	0.0083473	0.1306275
LR	31	-3.7692535	0.6814513	-4.7858185	-2.0354052

STUDY=Full ANALYTE=Copper AGE=15 DECKID=FLU REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	0.7380425	0.3643969	0.3067500	2.0910000
Y	30	0.0256865	0.0181702	0.0082714	0.0867096
LX	30	-0.3924659	0.4074101	-1.1817222	0.7376424
LY	30	-3.8500466	0.5992431	-4.7949524	-2.4451909
R	30	0.0395648	0.0331122	0.0106490	0.1518823
LR	30	-3.4575807	0.6427061	-4.5422849	-1.8846497

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper AGE=15 DECKID=PAN REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.5278475	0.7377146	0.4713750	3.0690000
Y	30	0.0450821	0.0492026	0.0100032	0.2690138
LX	30	0.3073464	0.5022281	-0.7521013	1.1213518
LY	30	-3.4307249	0.7737125	-4.6048530	-1.3129927
R	30	0.0356986	0.0436846	0.0049035	0.2341482
LR	30	-3.7380713	0.8542299	-5.3178028	-1.4518009

STUDY=Full ANALYTE=Copper AGE=21 DECKID=PAK REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	30	1.7583000	0.4247085	1.0845000	2.7315000
Y	30	0.0410567	0.0316517	0.0088456	0.1482602
LX	30	0.5375696	0.2330509	0.0811191	1.0048509
LY	30	-3.4417467	0.7121155	-4.7278364	-1.9087867
R	30	0.0249707	0.0246226	0.0048864	0.1367083
LR	30	-3.9793162	0.7373473	-5.3213047	-1.9899057

STUDY=Mini ANALYTE=Arsenic AGE=. DECKID=GAUn REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	0.1479191	0.0380774	0.1049687	0.2222680
Y	8	0.0075625	0.0056893	0.000873333	0.0181364
LX	8	-1.9377979	0.2425231	-2.2540931	-1.5038716
LY	8	-5.2031865	0.9522597	-7.0431932	-4.0098363
R	8	0.0469989	0.0252183	0.0069375	0.0815968
LR	8	-3.2653886	0.8045626	-4.9708161	-2.5059647

STUDY=Mini ANALYTE=Arsenic AGE=0 DECKID=GANC REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	2.6363693	0.4511725	1.9816640	3.2999554
Y	8	0.0428704	0.0312647	0.0222037	0.1010000
LX	8	0.9565084	0.1721516	0.6839369	1.1939090
LY	8	-3.3333725	0.6042301	-3.8074984	-2.2926348
R	8	0.0177961	0.0160296	0.0081380	0.0509673
LR	8	-4.2898809	0.7034372	-4.8112144	-2.9765717

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Mini ANALYTE=Arsenic AGE=1 DECKID=GAG REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	1.3837271	0.7271725	0.4884285	3.3847500
Y	20	0.0214834	0.0121277	0.0076610	0.0632421
LX	20	0.2126356	0.4768490	-0.7165621	1.2192800
LY	20	-3.9556254	0.4756689	-4.8716105	-2.7607853
R	20	0.0176124	0.0106223	0.0063264	0.0462708
LR	20	-4.1682610	0.4943719	-5.0630233	-3.0732432

STUDY=Mini ANALYTE=Arsenic AGE=1.5 DECKID=GAE REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	23	1.6389814	0.5380021	0.8195476	3.0262500
Y	23	0.0220166	0.0106240	0.0048789	0.0412441
LX	23	0.4441604	0.3226708	-0.1990028	1.1073242
LY	23	-3.9347607	0.5186435	-5.3228313	-3.1882479
R	23	0.0145480	0.0084655	0.0035886	0.0408885
LR	23	-4.3789211	0.5658173	-5.6300025	-3.1969061

STUDY=Mini ANALYTE=Arsenic AGE=4 DECKID=GAD REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	19	2.4121226	1.8269999	0.9754720	7.3626144
Y	19	0.0269554	0.0209983	0.0044153	0.0977540
LX	19	0.6937229	0.5800975	-0.0248338	1.9964151
LY	19	-3.8453720	0.7020133	-5.4226899	-2.3253012
R	19	0.0115983	0.0048951	0.0043445	0.0252297
LR	19	-4.5390949	0.4210666	-5.4388428	-3.6797322

STUDY=Mini ANALYTE=Arsenic AGE=15 DECKID=PAO REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	3.0595220	1.8512518	0.6452745	6.4890000
Y	20	0.0328086	0.0198029	0.0105119	0.0716546
LX	20	0.9113207	0.6971195	-0.4380795	1.8701084
LY	20	-3.5880226	0.5996390	-4.5552429	-2.6358972
R	20	0.0126005	0.0062766	0.0031439	0.0280685
LR	20	-4.4993433	0.5326338	-5.7622966	-3.5731078

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Mini ANALYTE=Arsenic AGE=23 DECKID=PAJ REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	2.3409781	1.3836938	0.8191971	5.4877231
Y	20	0.0276386	0.0328582	0.0039333	0.1344807
LX	20	0.6909924	0.5773573	-0.1994306	1.7025134
LY	20	-4.0652373	0.9525017	-5.5382680	-2.0063342
R	20	0.0105033	0.0067495	0.0019696	0.0284193
LR	20	-4.7562297	0.6831385	-6.2299114	-3.5606879

STUDY=Mini ANALYTE=Chromium AGE=. DECKID=GAUn REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	0.1368831	0.0402614	0.0948182	0.2042656
Y	8	0.0072305	0.0050775	0.0010133	0.0141455
LX	8	-2.0254096	0.2879808	-2.3557943	-1.5883342
LY	8	-5.2226241	0.9042571	-6.8945101	-4.2583619
R	8	0.0502799	0.0290662	0.0106871	0.0937934
LR	8	-3.1972145	0.7598016	-4.5387157	-2.3666609

STUDY=Mini ANALYTE=Chromium AGE=0 DECKID=GANC REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	2.6084870	0.5781873	1.8409328	3.7444566
Y	8	0.0471560	0.0340374	0.0219222	0.1135455
LX	8	0.9383407	0.2140754	0.6102724	1.3202765
LY	8	-3.2433425	0.6250629	-3.8202567	-2.1755520
R	8	0.0201305	0.0186255	0.0060273	0.0616782
LR	8	-4.1816832	0.7403226	-5.1114548	-2.7858245

STUDY=Mini ANALYTE=Chromium AGE=1 DECKID=GAG REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	1.8701689	0.8512268	0.6933497	3.9802500
Y	20	0.0269919	0.0150993	0.0065424	0.0712359
LX	20	0.5318869	0.4471747	-0.3662208	1.3813446
LY	20	-3.7520778	0.5503028	-5.0294554	-2.6417577
R	20	0.0170539	0.0144886	0.0042405	0.0673830
LR	20	-4.2839647	0.6124317	-5.4630738	-2.6973622

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Mini ANALYTE=Chromium AGE=1.5 DECKID=GAE REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	23	1.8598339	0.5598216	1.0187465	3.4507500
Y	23	0.0249692	0.0147651	0.0038965	0.0606612
LX	23	0.5796799	0.2902465	0.0185730	1.2385916
LY	23	-3.8632697	0.6332650	-5.5476663	-2.8024517
R	23	0.0144459	0.0103564	0.0023406	0.0438400
LR	23	-4.4429496	0.6658891	-6.0573535	-3.1272093

STUDY=Mini ANALYTE=Chromium AGE=4 DECKID=GAD REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	19	2.7695881	1.6532728	1.3845000	7.4818584
Y	19	0.0296855	0.0208498	0.0037542	0.0917220
LX	19	0.8973358	0.4711512	0.3253391	2.0124812
LY	19	-3.7581617	0.7556392	-5.5848701	-2.3889930
R	19	0.0107781	0.0052437	0.0022930	0.0228072
LR	19	-4.6554976	0.5461681	-6.0778916	-3.7806771

STUDY=Mini ANALYTE=Chromium AGE=15 DECKID=PAO REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	3.7831340	2.0598502	0.8532173	7.3432500
Y	20	0.0383803	0.0253077	0.0149031	0.0977533
LX	20	1.1595407	0.6350813	-0.1587411	1.9937815
LY	20	-3.4512910	0.6234290	-4.2061849	-2.3253080
R	20	0.0115755	0.0071238	0.0026010	0.0363535
LR	20	-4.6108317	0.5727873	-5.9518744	-3.3144652

STUDY=Mini ANALYTE=Chromium AGE=23 DECKID=PAJ REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	3.5871488	2.1270041	1.3910350	7.7036807
Y	20	0.0453677	0.0684615	0.0041667	0.2660508
LX	20	1.1100078	0.5946619	0.3300481	2.0416982
LY	20	-3.7880794	1.1060982	-5.4806389	-1.3240679
R	20	0.0100907	0.0092531	0.0014948	0.0352243
LR	20	-4.8980871	0.7874534	-6.5057375	-3.3460198

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Mini ANALYTE=Copper AGE=. DECKID=GAUn REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	0.0896707	0.0365822	0.0506498	0.1402630
Y	8	0.0095714	0.0059247	0.0010992	0.0205818
LX	8	-2.4883817	0.4231997	-2.9828209	-1.9642358
LY	8	-4.8928979	0.8768573	-6.8131967	-3.8833472
R	8	0.1054530	0.0467418	0.0185587	0.1658706
LR	8	-2.4045162	0.7053224	-3.9868163	-1.7965471

STUDY=Mini ANALYTE=Copper AGE=0 DECKID=GANC REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	8	1.5521544	0.3312465	1.1131994	2.0930559
Y	8	0.0393894	0.0224116	0.0221482	0.0841545
LX	8	0.4191812	0.2181287	0.1072382	0.7386251
LY	8	-3.3519790	0.4949444	-3.8099998	-2.4751003
R	8	0.0271855	0.0203486	0.0152390	0.0738313
LR	8	-3.7711602	0.5563443	-4.1838956	-2.6059721

STUDY=Mini ANALYTE=Copper AGE=1 DECKID=GAG REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	1.0532629	0.4231612	0.4471219	2.0490000
Y	20	0.0274710	0.0101187	0.0138818	0.0490525
LX	20	-0.0255990	0.4092137	-0.8049240	0.7173519
LY	20	-3.6563771	0.3592262	-4.2771790	-3.0148643
R	20	0.0299462	0.0174086	0.0135678	0.0786661
LR	20	-3.6307781	0.4805146	-4.3000570	-2.5425430

STUDY=Mini ANALYTE=Copper AGE=1.5 DECKID=GAE REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	23	0.7798033	0.2308447	0.3760398	1.4358657
Y	23	0.0203084	0.0081291	0.0030564	0.0363902
LX	23	-0.2883300	0.2873728	-0.9780602	0.3617680
LY	23	-3.9983005	0.5186657	-5.7905199	-3.3134552
R	23	0.0287716	0.0165593	0.0054060	0.0705376
LR	23	-3.7099705	0.6056331	-5.2202453	-2.6516094

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Mini ANALYTE=Copper AGE=4 DECKID=GAD REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	18	1.3275461	0.9249768	0.7183156	4.6971022
Y	18	0.0221762	0.0072407	0.0126922	0.0428065
LX	18	0.1514729	0.4700616	-0.3308462	1.5469458
LY	18	-3.8537770	0.3031142	-4.3667699	-3.1510664
R	18	0.0202266	0.0093437	0.0047120	0.0459244
LR	18	-4.0052499	0.4965932	-5.3576338	-3.0807587

STUDY=Mini ANALYTE=Copper AGE=15 DECKID=PAO REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	21	1.2112585	0.5675866	0.3976007	2.2110000
Y	21	0.0249800	0.0110211	0.0011763	0.0435200
LX	21	0.0709565	0.5260643	-0.9223070	0.7934449
LY	21	-3.8595603	0.7670528	-6.7453845	-3.1345347
R	21	0.0248740	0.0147632	0.000947098	0.0611405
LR	21	-3.9305168	0.8657794	-6.9621075	-2.7945811

STUDY=Mini ANALYTE=Copper AGE=23 DECKID=PAJ REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	20	0.9816282	0.4103101	0.5577923	2.4375175
Y	20	0.0215849	0.0120941	0.0068267	0.0589699
LX	20	-0.0802813	0.3411578	-0.5837685	0.8909801
LY	20	-3.9582115	0.4956550	-4.9869188	-2.8307287
R	20	0.0234256	0.0121471	0.0060085	0.0514804
LR	20	-3.8779303	0.5193580	-5.1145877	-2.9665548

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic

AGE	REGION	DECKID	MEANX	MEANY	GEOM MEANX	GEOM MEANY	MEANR	GEOM MEANR	RATIO_ MEANS
.	South	FLUn	0.1828	0.01489	0.1393	0.01039	0.11404	0.074636	0.081463
.	.	NCUn	0.1359	0.01354	0.1314	0.00975	0.09054	0.074198	0.099627
0	South	FLFG	6.8720	0.21929	5.5195	0.14436	0.03456	0.026154	0.031911
0	South	FLFR	3.0872	0.14297	2.5394	0.09245	0.05515	0.036406	0.046310
0	North	PAPF	9.1900	0.42972	8.4725	0.29278	0.05080	0.034557	0.046760
0	North	PAPS	73.6609	3.74476	40.0306	1.57058	0.06049	0.039235	0.050838
0.6	North	PAP	1.5248	0.06134	1.4321	0.04881	0.04129	0.034084	0.040232
0.7	North	PAQ	1.7551	0.08119	1.6954	0.06685	0.04646	0.039429	0.046262
0.9	North	PAR	2.2125	0.06574	1.9927	0.04975	0.03815	0.024964	0.029712
1	South	FLT	1.5299	0.05573	1.4221	0.03870	0.04623	0.027211	0.036425
1	South	FLY	1.1618	0.03492	1.1135	0.02728	0.03246	0.024496	0.030059
1	South	FLZ	1.0599	0.04410	1.0224	0.03704	0.04533	0.036228	0.041608
1	North	PAM	3.7766	0.20304	3.3403	0.11173	0.04619	0.033450	0.053762
1	North	PAX	2.0294	0.06541	1.9163	0.04950	0.03230	0.025830	0.032230
1.1	South	FLAA	1.0678	0.03207	0.9864	0.02498	0.03298	0.025328	0.030029
1.3	South	FLAB	12.9267	0.24214	12.4611	0.18577	0.01999	0.014908	0.018732
5	South	FLV	2.6696	0.04211	2.2576	0.03885	0.01960	0.017208	0.015775
5	North	PAL	3.6693	0.09898	3.4152	0.06997	0.02745	0.020488	0.026976
6	South	FLW	3.3034	0.03576	3.0056	0.02648	0.01640	0.008810	0.010825
6	North	PAI	2.2738	0.08644	1.9671	0.05849	0.04688	0.029735	0.038015
8	North	PAH	1.7055	0.10622	1.6137	0.07692	0.06887	0.047666	0.062284
15	South	FLAC	1.9428	0.04010	1.7928	0.02738	0.01972	0.015274	0.020641
15	South	FLS	2.4141	0.05884	2.1528	0.03826	0.02729	0.017774	0.024372
15	South	FLU	1.1013	0.03287	0.9188	0.02467	0.03563	0.026854	0.029846
15	North	PAN	2.0420	0.04699	1.7721	0.03414	0.03117	0.019263	0.023012
21	North	PAK	3.3740	0.06891	3.0599	0.04592	0.02139	0.015007	0.020424

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Chromium

AGE	REGION	DECKID	MEANX	MEANY	GEOM MEANX	GEOM MEANY	MEANR	GEOM MEANR	RATIO_ MEANS
.	South	FLUn	0.1624	0.01145	0.1357	0.00817	0.088015	0.060228	0.070526
.	.	NCUn	0.1241	0.00923	0.1186	0.00747	0.077393	0.063024	0.074354
0	South	FLFG	6.8962	0.20245	5.6845	0.13385	0.032502	0.023547	0.029357
0	South	FLFR	3.5256	0.13933	2.9581	0.08941	0.047959	0.030224	0.039521
0	North	PAPF	8.4177	0.32088	7.9373	0.22155	0.039923	0.027913	0.038119
0	North	PAPS	47.4968	1.87078	29.2227	0.86571	0.043931	0.029625	0.039387
0.6	North	PAP	1.3122	0.04383	1.2348	0.03471	0.034315	0.028110	0.033400
0.7	North	PAQ	2.1064	0.07689	2.0203	0.06343	0.037406	0.031395	0.036504
0.9	North	PAR	3.6941	0.07844	3.4127	0.05951	0.024199	0.017438	0.021233
1	South	FLT	1.8090	0.04837	1.6565	0.03392	0.033732	0.020480	0.026738
1	South	FLY	1.8639	0.04118	1.8190	0.02975	0.023167	0.016355	0.022096
1	South	FLZ	0.9943	0.03397	0.9594	0.02811	0.036792	0.029302	0.034162
1	North	PAM	3.8640	0.16409	3.4888	0.09034	0.035944	0.025893	0.042467
1	North	PAX	3.1780	0.07544	3.0148	0.05573	0.023870	0.018486	0.023740
1.1	South	FLAA	1.5529	0.03066	1.4877	0.02496	0.020925	0.016775	0.019747
1.3	South	FLAB	13.1093	0.19692	12.7015	0.14900	0.015624	0.011731	0.015021
5	South	FLV	2.6207	0.02960	2.2430	0.02552	0.013854	0.011379	0.011294
5	North	PAL	4.8331	0.09361	4.4774	0.06472	0.019329	0.014455	0.019368
6	South	FLW	4.3337	0.03303	4.0257	0.02458	0.009704	0.006107	0.007621
6	North	PAI	4.3320	0.08784	3.0006	0.06049	0.033601	0.020159	0.020277
8	North	PAH	2.5479	0.12156	2.4489	0.08180	0.048431	0.033402	0.047709
15	South	FLAC	2.1510	0.03702	1.9739	0.02277	0.015967	0.011535	0.017213
15	South	FLS	3.0030	0.05321	2.6927	0.03309	0.019967	0.012290	0.017721
15	South	FLU	1.4098	0.02703	1.2511	0.02061	0.021949	0.016473	0.019170
15	North	PAN	2.0476	0.03523	1.8752	0.02531	0.022006	0.013497	0.017205
21	North	PAK	3.9327	0.06097	3.5780	0.03997	0.015704	0.011171	0.015503

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Full ANALYTE=Copper

AGE	REGION	DECKID	MEANX	MEANY	GEOM MEANX	GEOM MEANY	MEANR	GEOM MEANR	RATIO_ MEANS
.	South	FLUn	0.1002	0.01447	0.0876	0.01190	0.18338	0.13585	0.14435
.	.	NCUn	0.0903	0.01068	0.0827	0.00996	0.13613	0.12041	0.11831
0	South	FLFG	3.8073	0.13275	3.1809	0.09308	0.04008	0.02926	0.03487
0	South	FLFR	2.3362	0.13004	2.1848	0.08821	0.07030	0.04037	0.05566
0	North	PAPF	3.9859	0.17612	3.7195	0.12730	0.04762	0.03422	0.04419
0	North	PAPS	22.4205	1.13276	13.0588	0.52291	0.07441	0.04004	0.05052
0.6	North	PAP	2.1021	0.08248	1.8889	0.06452	0.04183	0.03416	0.03924
0.7	North	PAQ	2.9655	0.13297	2.7861	0.10615	0.04562	0.03810	0.04484
0.9	North	PAR	1.6746	0.05436	1.6156	0.04305	0.03598	0.02665	0.03246
1	South	FLT	2.2604	0.09762	2.1953	0.06633	0.05048	0.03021	0.04319
1	South	FLY	3.3618	0.08331	3.0735	0.06094	0.02801	0.01983	0.02478
1	South	FLZ	1.1730	0.05768	1.1315	0.04836	0.05330	0.04274	0.04918
1	North	PAM	1.4710	0.08134	1.3707	0.05613	0.05629	0.04095	0.05530
1	North	PAX	1.2713	0.05111	1.2153	0.04034	0.04044	0.03320	0.04020
1.1	South	FLAA	2.9157	0.07267	2.5679	0.05731	0.02840	0.02232	0.02492
1.3	South	FLAB	4.5377	0.09813	4.3789	0.07979	0.02305	0.01822	0.02162
5	South	FLV	0.8910	0.02576	0.7923	0.02287	0.03504	0.02887	0.02891
5	North	PAL	1.6094	0.05221	1.5010	0.04021	0.03371	0.02679	0.03244
6	South	FLW	1.2652	0.03112	0.9573	0.02369	0.03598	0.02475	0.02460
6	North	PAI	1.0590	0.05640	0.9935	0.03933	0.05977	0.03959	0.05326
8	North	PAH	1.1213	0.06661	1.0667	0.04999	0.06194	0.04687	0.05941
15	South	FLAC	1.6596	0.03522	1.5677	0.02758	0.02288	0.01759	0.02122
15	South	FLS	1.3587	0.03706	1.2493	0.02882	0.02996	0.02307	0.02728
15	South	FLU	0.7380	0.02569	0.6754	0.02128	0.03956	0.03151	0.03480
15	North	PAN	1.5278	0.04508	1.3598	0.03236	0.03570	0.02380	0.02951
21	North	PAK	1.7583	0.04106	1.7118	0.03201	0.02497	0.01870	0.02335

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY DECK

The MEANS Procedure

STUDY=Mini ANALYTE=Arsenic

AGE	REGION	DECKID	MEANX	MEANY	GEOM MEANX	GEOM MEANY	MEANR	GEOM MEANR	RATIO_ MEANS
.	South	GAUn	0.14792	0.007563	0.14402	0.005499	0.046999	0.038182	0.051126
0	South	GANC	2.63637	0.042870	2.60259	0.035673	0.017796	0.013707	0.016261
1	South	GAG	1.38373	0.021483	1.23693	0.019147	0.017612	0.015479	0.015526
1.5	South	GAE	1.63898	0.022017	1.55918	0.019550	0.014548	0.012539	0.013433
4	South	GAD	2.41212	0.026955	2.00115	0.021378	0.011598	0.010683	0.011175
15	North	PAO	3.05952	0.032809	2.48761	0.027653	0.012600	0.011116	0.010723
23	North	PAJ	2.34098	0.027639	1.99569	0.017159	0.010503	0.008598	0.011806

STUDY=Mini ANALYTE=Chromium

AGE	REGION	DECKID	MEANX	MEANY	GEOM MEANX	GEOM MEANY	MEANR	GEOM MEANR	RATIO_ MEANS
.	South	GAUn	0.13688	0.007231	0.13194	0.005393	0.050280	0.040876	0.052822
0	South	GANC	2.60849	0.047156	2.55574	0.039033	0.020130	0.015273	0.018078
1	South	GAG	1.87017	0.026992	1.70214	0.023469	0.017054	0.013788	0.014433
1.5	South	GAE	1.85983	0.024969	1.78547	0.020999	0.014446	0.011761	0.013425
4	South	GAD	2.76959	0.029686	2.45306	0.023327	0.010778	0.009509	0.010718
15	North	PAO	3.78313	0.038380	3.18847	0.031705	0.011576	0.009944	0.010145
23	North	PAJ	3.58715	0.045368	3.03438	0.022639	0.010091	0.007461	0.012647

STUDY=Mini ANALYTE=Copper

AGE	REGION	DECKID	MEANX	MEANY	GEOM MEANX	GEOM MEANY	MEANR	GEOM MEANR	RATIO_ MEANS
.	South	GAUn	0.08967	0.009571	0.08304	0.007500	0.10545	0.090309	0.10674
0	South	GANC	1.55215	0.039389	1.52072	0.035015	0.02719	0.023025	0.02538
1	South	GAG	1.05326	0.027471	0.97473	0.025826	0.02995	0.026496	0.02608
1.5	South	GAE	0.77980	0.020308	0.74951	0.018347	0.02877	0.024478	0.02604
4	South	GAD	1.32755	0.022176	1.16355	0.021200	0.02023	0.018220	0.01670
15	North	PAO	1.21126	0.024980	1.07353	0.021077	0.02487	0.019634	0.02062
23	North	PAJ	0.98163	0.021585	0.92286	0.019097	0.02343	0.020694	0.02199

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY STUDY

The MEANS Procedure

Overall Means

STUDY=Full ANALYTE=Arsenic (excluding Deck AB and recently treated boards)

Variable	N	Mean	Std Dev	Minimum	Maximum
X	567	2.1486681	1.4435606	0.3616500	10.8600000
Y	567	0.0672770	0.1117034	0.0019505	2.1885877
LX	567	0.5919254	0.5754094	-1.0170784	2.3850863
LY	567	-3.1391353	0.8761559	-6.2396652	0.7832565
R	567	0.0356465	0.0403115	0.0020805	0.4318524
LR	567	-3.7310607	0.8762241	-6.1751596	-0.8396715
AGE	567	6.3058201	6.4597135	0.6000000	21.0000000

STUDY=Full ANALYTE=Chromium (excluding Deck AB and recently treated boards)

Variable	N	Mean	Std Dev	Minimum	Maximum
X	569	2.7448973	2.3087452	0.5550000	39.9975000
Y	569	0.0624442	0.0956092	0.0024553	1.6784879
LX	569	0.8256261	0.5821409	-0.5887872	3.6888170
LY	569	-3.2462295	0.9193694	-6.0095250	0.5178933
R	569	0.0257050	0.0284737	0.0012076	0.2851081
LR	569	-4.0718556	0.9038073	-6.7191605	-1.2548867
AGE	569	6.3029877	6.4485757	0.6000000	21.0000000

STUDY=Full ANALYTE=Copper (excluding Deck AB and recently treated boards)

Variable	N	Mean	Std Dev	Minimum	Maximum
X	568	1.6868434	1.1088536	0.3066000	11.8575000
Y	568	0.0589308	0.0640129	0.0038231	0.6755743
LX	568	0.3626379	0.5541642	-1.1822113	2.4729606
LY	568	-3.1903683	0.8121847	-5.5666958	-0.3921921
R	568	0.0397443	0.0417632	0.0020169	0.4778598
LR	568	-3.5530062	0.7761456	-6.2061867	-0.7384379
AGE	568	6.3123239	6.4504096	0.6000000	21.0000000

STUDY=Mini ANALYTE=Arsenic

Variable	N	Mean	Std Dev	Minimum	Maximum
X	110	2.1845673	1.4126089	0.4884285	7.3626144
Y	110	0.0272737	0.0218189	0.0039333	0.1344807
LX	110	0.6122497	0.5688663	-0.7165621	1.9964151
LY	110	-3.8400568	0.6808336	-5.5382680	-2.0063342
R	110	0.0137424	0.0087439	0.0019696	0.0509673
LR	110	-4.4523065	0.5793268	-6.2299114	-2.9765717
AGE	110	8.0954545	8.6981743	0	23.0000000

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY STUDY

The MEANS Procedure

Overall Means, continued

STUDY=Mini ANALYTE=Chromium

Variable	N	Mean	Std Dev	Minimum	Maximum
X	110	2.7370480	1.6809701	0.6933497	7.7036807
Y	110	0.0339124	0.0350423	0.0037542	0.2660508
LX	110	0.8537950	0.5369611	-0.3662208	2.0416982
LY	110	-3.6912362	0.7542120	-5.5848701	-1.3240679
R	110	0.0133862	0.0108928	0.0014948	0.0673830
LR	110	-4.5450312	0.6743864	-6.5057375	-2.6973622
AGE	110	8.0954545	8.6981743	0	23.0000000

STUDY=Mini ANALYTE=Copper

Variable	N	Mean	Std Dev	Minimum	Maximum
X	110	1.0943890	0.5669445	0.3760398	4.6971022
Y	110	0.0244280	0.0119787	0.0011763	0.0841545
LX	110	-0.0107195	0.4368357	-0.9780602	1.5469458
LY	110	-3.8317024	0.5377616	-6.7453845	-2.4751003
R	110	0.0257555	0.0150192	0.000947098	0.0786661
LR	110	-3.8209829	0.6124591	-6.9621075	-2.5425430
AGE	110	8.1954545	8.7138757	0	23.0000000

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY STUDY

The MEANS Procedure

Overall Means, continued

ANALYTE=Arsenic (Combined Mini-study and Full Study)

Variable	N	Mean	Std Dev	Minimum	Maximum
X	677	2.1545011	1.4376042	0.3616500	10.8600000
Y	677	0.0607772	0.1036441	0.0019505	2.1885877
LX	677	0.5952277	0.5739819	-1.0170784	2.3850863
LY	677	-3.2530221	0.8856815	-6.2396652	0.7832565
R	677	0.0320875	0.0379250	0.0019696	0.4318524
LR	677	-3.8482498	0.8762681	-6.2299114	-0.8396715
AGE	677	6.5966027	6.8973670	0	23.0000000

ANALYTE=Chromium (Combined Mini-study and Full Study)

Variable	N	Mean	Std Dev	Minimum	Maximum
X	679	2.7436257	2.2180593	0.5550000	39.9975000
Y	679	0.0578220	0.0892533	0.0024553	1.6784879
LX	679	0.8301895	0.5747761	-0.5887872	3.6888170
LY	679	-3.3183219	0.9091098	-6.0095250	0.5178933
R	679	0.0237093	0.0268127	0.0012076	0.2851081
LR	679	-4.1485114	0.8876340	-6.7191605	-1.2548867
AGE	679	6.5933726	6.8874967	0	23.0000000

ANALYTE=Copper (Combined Mini-study and Full Study)

Variable	N	Mean	Std Dev	Minimum	Maximum
X	678	1.5907224	1.0626879	0.3066000	11.8575000
Y	678	0.0533330	0.0601415	0.0011763	0.6755743
LX	678	0.3020637	0.5539842	-1.1822113	2.4729606
LY	678	-3.2944196	0.8093281	-6.7453845	-0.3921921
R	678	0.0374747	0.0390349	0.000947098	0.4778598
LR	678	-3.5964833	0.7580841	-6.9621075	-0.7384379
AGE	678	6.6178466	6.8960368	0	23.0000000

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY REGION

The MEANS Procedure

STUDY=Full ANALYTE=Arsenic REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	299	2.4627830	1.5316414	0.5646000	10.8600000
Y	299	0.0900693	0.1454279	0.0092448	2.1885877
LX	299	0.7620015	0.5093506	-0.5716378	2.3850863
LY	299	-2.8300457	0.8537014	-4.6836989	0.7832565
R	299	0.0401224	0.0423902	0.0032759	0.3022472
LR	299	-3.5920472	0.8500647	-5.7211480	-1.1965102
AGE	299	5.9277592	6.6809254	0.6000000	21.0000000

STUDY=Full ANALYTE=Arsenic REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	268	1.7982190	1.2511672	0.3616500	8.4225000
Y	268	0.0418482	0.0401886	0.0019505	0.2936704
LX	268	0.4021764	0.5863289	-1.0170784	2.1309067
LY	268	-3.4839777	0.7665046	-6.2396652	-1.2252972
R	268	0.0306529	0.0373065	0.0020805	0.4318524
LR	268	-3.8861541	0.8804892	-6.1751596	-0.8396715
AGE	268	6.7276119	6.1887949	1.0000000	15.0000000

STUDY=Full ANALYTE=Chromium REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	300	3.2397855	2.7931139	0.6691500	39.9975000
Y	300	0.0852100	0.1226317	0.0068173	1.6784879
LX	300	1.0126340	0.5342093	-0.4017470	3.6888170
LY	300	-2.9015970	0.8899773	-4.9882913	0.5178933
R	300	0.0292764	0.0299333	0.0014543	0.2093603
LR	300	-3.9142309	0.8726052	-6.5332435	-1.5636985
AGE	300	5.9280000	6.6697452	0.6000000	21.0000000

STUDY=Full ANALYTE=Chromium REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	269	2.1929774	1.4188928	0.5550000	8.0700000
Y	269	0.0370549	0.0369929	0.0024553	0.2510377
LX	269	0.6170671	0.5630662	-0.5887872	2.0881535
LY	269	-3.6305780	0.7915161	-6.0095250	-1.3821521
R	269	0.0217219	0.0262385	0.0012076	0.2851081
LR	269	-4.2476451	0.9071523	-6.7191605	-1.2548867
AGE	269	6.7211896	6.1781359	1.0000000	15.0000000

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY REGION

The MEANS Procedure

STUDY=Full ANALYTE=Copper REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	299	1.6453079	0.8218584	0.4713750	6.3945000
Y	299	0.0657615	0.0649639	0.0080165	0.6101056
LX	299	0.3916047	0.4545261	-0.7521013	1.8554382
LY	299	-3.0595487	0.8032695	-4.8262509	-0.4941233
R	299	0.0435362	0.0421627	0.0048864	0.3303953
LR	299	-3.4511535	0.7719506	-5.3213047	-1.1074654
AGE	299	5.9277592	6.6809254	0.6000000	21.0000000

STUDY=Full ANALYTE=Copper REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	269	1.7330111	1.3587538	0.3066000	11.8575000
Y	269	0.0513384	0.0621822	0.0038231	0.6755743
LX	269	0.3304406	0.6465459	-1.1822113	2.4729606
LY	269	-3.3357775	0.7986260	-5.5666958	-0.3921921
R	269	0.0355294	0.0409819	0.0020169	0.4778598
LR	269	-3.6662181	0.7664413	-6.2061867	-0.7384379
AGE	269	6.7397770	6.1683727	1.0000000	15.0000000

STUDY=Mini ANALYTE=Arsenic REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	40	2.7002500	1.6537149	0.6452745	6.4890000
Y	40	0.0302236	0.0269053	0.0039333	0.1344807
LX	40	0.8011565	0.6415620	-0.4380795	1.8701084
LY	40	-3.8266300	0.8219277	-5.5382680	-2.0063342
R	40	0.0115519	0.0065203	0.0019696	0.0284193
LR	40	-4.6277865	0.6184569	-6.2299114	-3.5606879
AGE	40	19.0000000	4.0509575	15.0000000	23.0000000

STUDY=Mini ANALYTE=Arsenic REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	70	1.8898914	1.1680151	0.4884285	7.3626144
Y	70	0.0255881	0.0183018	0.0044153	0.1010000
LX	70	0.5043029	0.4960393	-0.7165621	1.9964151
LY	70	-3.8477293	0.5918147	-5.4226899	-2.2926348
R	70	0.0149941	0.0096113	0.0035886	0.0509673
LR	70	-4.3520322	0.5347340	-5.6300025	-2.9765717
AGE	70	1.8642857	1.3855398	0	4.0000000

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)

SUMMARY STATISTICS, BY REGION

The MEANS Procedure

STUDY=Mini ANALYTE=Chromium REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	40	3.6851414	2.0690612	0.8532173	7.7036807
Y	40	0.0418740	0.0510681	0.0041667	0.2660508
LX	40	1.1347742	0.6077829	-0.1587411	2.0416982
LY	40	-3.6196852	0.9024821	-5.4806389	-1.3240679
R	40	0.0108331	0.0081854	0.0014948	0.0363535
LR	40	-4.7544594	0.6950438	-6.5057375	-3.3144652
AGE	40	19.0000000	4.0509575	15.0000000	23.0000000

STUDY=Mini ANALYTE=Chromium REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	70	2.1952804	1.1068714	0.6933497	7.4818584
Y	70	0.0293629	0.0201997	0.0037542	0.1135455
LX	70	0.6932355	0.4180446	-0.3662208	2.0124812
LY	70	-3.7321225	0.6584657	-5.5848701	-2.1755520
R	70	0.0148452	0.0119845	0.0022930	0.0673830
LR	70	-4.4253579	0.6367444	-6.0778916	-2.6973622
AGE	70	1.8642857	1.3855398	0	4.0000000

STUDY=Mini ANALYTE=Copper REGION=North

Variable	N	Mean	Std Dev	Minimum	Maximum
X	41	1.0992437	0.5045292	0.3976007	2.4375175
Y	41	0.0233239	0.0115396	0.0011763	0.0589699
LX	41	-0.0028180	0.4466700	-0.9223070	0.8909801
LY	41	-3.9076829	0.6429405	-6.7453845	-2.8307287
R	41	0.0241675	0.0134015	0.000947098	0.0611405
LR	41	-3.9048648	0.7096606	-6.9621075	-2.7945811
AGE	41	18.9024390	4.0484866	15.0000000	23.0000000

STUDY=Mini ANALYTE=Copper REGION=South

Variable	N	Mean	Std Dev	Minimum	Maximum
X	69	1.0915043	0.6045406	0.3760398	4.6971022
Y	69	0.0250841	0.0122680	0.0030564	0.0841545
LX	69	-0.0154146	0.4341207	-0.9780602	1.5469458
LY	69	-3.7865546	0.4635097	-5.7905199	-2.4751003
R	69	0.0266991	0.0159222	0.0047120	0.0786661
LR	69	-3.7711400	0.5461354	-5.3576338	-2.5425430
AGE	69	1.8333333	1.3710952	0	4.0000000

X = BLOCK SAMPLE ug/cm2 LX=LOG(X)
Y = HAND SAMPLE (TOTAL) ug/cm2 LY=LOG(Y)
R = HAND / BLOCK LR=LOG(R)