Appendix 38 Statistical data of soil geochemical survey, histogram, EDA and cumulative frequency of each elements in Block G

****** Base Statistics ******
File:area_g_reg.dat

------ Geological Code(Ncd:1) ------

1:

--------- Elements(Nel:18) ---------

1:Au	2:Ag	3:Cu	4:Pb	5:Zn
6:Fe	7:As	8:Sb	9:Hg	10:Bi
11:Cd	12:Co	13:Ni	14:V	15:Mn
16:Mo	17:K	18:W		

Number of datas : 888 (1047)

===== Base Statistics =====

Elements	Mean	Var.	S.D.	Min	Max	Mean+2SD
Au	4.107	0.283*	0.532*	0.500	321.000	47.570 (LOG)
Ag	0.114	0.031*	0.176*	0.100	1.200	0.257 (LOG)
Cu	14.627	0.093*	0.305*	1.000	193.000	59.538 (LOG)
Pb	38.944	0.016*	0.125*	8.000	177.000	69.201 (LOG)
Zn	27.214	0.036*	0.191*	7.000	151.000	65.596 (LOG)
Fe	4.269	0.061*	0.247*	0.420	18.680	13.293 (LOG)
As	3.853	0.234*	0.483*	1.000	46.000	35.688 (LOG)
Sb	1.016	0.006*	0.076*	1.000	33.000	1.442 (LOG)
Hg	37.196	0.059*	0.243*	5.000	342.000	114.114 (LOG)
Bi	1.735	0.163*	0.404*	1.000	54.000	11.158 (LOG)
Cd	0.250	0.000*	0.000*	0.250	0.250	0.250 (LOG)
Co	1.575	0.212*	0.460*	0.500	93.000	13.117 (LOG)
Ni	13.500	0.068*	0.261*	2.000	211.000	44.907 (LOG)
V	85.758	0.069*	0.263*	0.500	457.000	287.865 (LOG)
Mn	236.871	0.080*	0.283*	23.000	6855.000	873.315 (LOG)
Mo	1.400	0.163*	0.403*	0.500	56.000	8.964 (LOG)
K	0.241	0.075*	0.273*	0.060	3.260	0.846 (LOG)
W	5.020	0.002*	0.041*	5.000	73.000	6.066 (LOG)

*:LOG

====== Detection Limit ======

Elements	B.D.L	A.D.L (%)
Au	8.896	Ø.ØØØ
Ag	88.964	Ø.ØØØ
Cu	Ø.ØØØ	Ø.ØØØ
Pb	Ø.ØØØ	Ø.ØØØ
Zn	Ø.ØØØ	Ø.ØØØ
Fe	Ø.ØØØ	Ø.ØØØ
As	34.122	Ø.ØØØ
Sb	98.986	Ø.ØØØ
Hg	2.365	Ø.ØØØ
Bi	68.694	Ø.ØØØ
Cd	100.ØØØ	Ø.ØØØ
Co	38.176	Ø.ØØØ
Ni	Ø.ØØØ	Ø.ØØØ
V	Ø.225	Ø.ØØØ
Mn	Ø.ØØØ	Ø.ØØØ
Mo	35.811	Ø.ØØØ
K	Ø.ØØØ	Ø.ØØØ
W	99.775	Ø.ØØØ

==== Correlation Matrix ====

	Au	Ag	Cu	Pb	Zn	Fe	As	Sb	Hg	Bi	Cd	Co
Au	1.ØØØ											
Ag	-Ø.Ø92	1.ØØØ										
Cu	Ø.190	-Ø.222	1.ØØØ									
Pb	-Ø.Ø26	-Ø.248	Ø.219	1.ØØØ								
Zn	-Ø.Ø71	-Ø.Ø85	Ø.289	Ø.430	1.ØØØ							
Fe	-Ø.Ø10	-Ø.478	Ø.397	Ø.589	Ø.414	1.ØØØ						
As	-Ø.Ø83	-Ø.Ø21	-Ø.Ø98	Ø.131	-Ø.ØØ6	Ø.Ø99	1.ØØØ					
Sb	Ø.ØØØ	Ø.Ø16	-Ø.Ø18	Ø.Ø40	Ø.Ø14	-Ø.Ø38	Ø.1ØØ	1.ØØØ				
Hg	Ø.Ø68	-Ø.Ø93	Ø.Ø15	Ø.Ø98	Ø.Ø65	Ø.1Ø7	Ø.Ø54	-Ø.ØØ3	1.ØØØ			
Bi	Ø.Ø26	-Ø.157	Ø.218	Ø.158	Ø.496	Ø.379	-Ø.189	-Ø.Ø54	Ø.Ø42	1.ØØØ		
Cd	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	1.ØØØ	
Co	Ø.Ø39	Ø.Ø10	Ø.157	Ø.114	Ø.485	-Ø.Ø18	-Ø.184	Ø.Ø25	Ø.Ø22	Ø.3Ø2	Ø.ØØØ	1.ØØØ
Ni	Ø.295	-Ø.214	Ø.463	Ø.255	Ø.534	Ø.328	-Ø.133	-Ø.Ø25	Ø.115	Ø.429	Ø.ØØØ	Ø.452
V	Ø.Ø45	-Ø.465	Ø.4ØØ	Ø.628	Ø.466	Ø.868	Ø.Ø35	-Ø.Ø76	Ø.162	Ø.4Ø8	Ø.ØØØ	Ø.Ø94
Mn	Ø.Ø2Ø	-Ø.267	Ø.427	Ø.435	Ø.686	Ø.56Ø	-Ø.Ø37	-Ø.Ø36	Ø.Ø48	Ø.547	Ø.ØØØ	Ø.382
Mo	-Ø.Ø96	Ø.ØØ1	Ø.Ø23	Ø.134	-Ø.266	-Ø.Ø63	Ø.136	Ø.129	Ø.Ø62	-Ø.554	Ø.ØØØ	-Ø.1Ø4
K	-Ø.1Ø9	Ø.257	-Ø.Ø35	-Ø.Ø19	Ø.148	-Ø.1Ø5	Ø.Ø96	Ø.Ø68	-Ø.Ø75	-Ø.225	Ø.ØØØ	Ø.Ø69
W	-Ø.Ø37	-Ø.Ø14	-Ø.ØØ7	Ø.1Ø2	Ø.Ø47	Ø.ØØ8	Ø.Ø15	Ø.635	Ø.Ø11	-Ø.Ø25	Ø.ØØØ	Ø.Ø68

	Ni	V	Mn	Mo	K	W
Ni	1.ØØØ					
V	Ø.454	1.ØØØ				
Mn	Ø.498	Ø.578	1.ØØØ			
Mo	-Ø.1 69	-Ø.Ø52	-Ø.244	1.ØØØ		
K	-Ø.187	-Ø.191	Ø.Ø2Ø	Ø.Ø12	1.ØØØ	
W	-Ø.Ø12	-Ø.ØØ6	-Ø.Ø12	Ø.115	-Ø.Ø07	1.ØØØ

======= EDA Analysis =======

Elements	L.Fence	L.Wisker	L.Hinge	Median	U.Hinge	U.Wisker	U.Fence
Au	0.179	1.000	2.000	4.000	10.000	13.000	111.803
Ag	0.100	0.100	0.100	0.100	0.100	0.100	0.100
Cu	3.286	9.000	10.000	14.000	21.000	25.000	63.907
Pb	20.052	31.000	33.000	40.000	46.000	49.000	75.705
Zn	10.194	19.000	21.000	26.000	34.000	37.000	70.044
Fe	1.600	2.890	3.490	4.770	5.870	6.230	12.804
As	0.032	1.000	1.000	5.000	10.000	11.000	316.228
Sb	1.000	1.000	1.000	1.000	1.000	1.000	1.000
Hg	11.390	25.000	28.000	42.000	51.000	54.000	125.368
Bi	0.192	1.000	1.000	1.000	3.000	4.000	15.588
Cd	0.250	0.250	0.250	0.250	0.250	0.250	0.250
Co	0.022	0.500	0.500	2.000	4.000	4.000	90.510
Ni	2.934	8.000	9.000	13.000	19.000	21.000	58.280
V	28.305	58.000	67.000	91.000	119.000	127.000	281.679
Mn	65.167	144.000	169.000	228.000	319.000	356.000	827.269
Mo	0.034	0.500	0.500	2.000	3.000	3.000	44.091
K	0.042	0.140	0.150	0.230	0.350	0.410	1.247
W	5.000	5.000	5.000	5.000	5.000	5.000	5.000

****** Factor Analysis ******
File:area_g_reg.dat

------ Geological Code(Ncd:1) ------

1:

--------- Elements(Nel:18) ---------

1:Au	2:Ag	3:Cu	4:Pb	5:Zn
6:Fe	7:As	8:Sb	9:Hg	10:Bi
11:Cd	12:Co	13:Ni	14:V	15:Mn
16:Mo	17:K	18:W		

Number of datas : 888 (1047)

======= Eigen Value =======
Trace(Max. of Correlation Coefficient): 8.977
Number of factors : 6

N fact	EigenValue	%	Cum%
1	4.281	47.695	47.695
2	1.544	17.204	64.900
3	1.331	14.825	79.724
4	0.856	9.541	89.266
5	0.713	7.944	97.209
6	0.332	3.702	100.911

====== Factor Loading ======
(before rotation)

Elements	1	2	3	4	5	6	Comm.
Au	-0.097	0.102	-0.050	-0.398	-0.227	0.147	0.254
Ag	0.417	0.280	0.210	0.287	-0.058	0.062	0.386
Cu	-0.506	-0.017	-0.009	-0.164	-0.309	0.303	0.471
Pb	-0.585	-0.395	0.023	0.246	-0.072	-0.129	0.582
Zn	-0.714	0.230	0.278	0.328	-0.026	-0.030	0.750
Fe	-0.790	-0.400	-0.219	0.052	0.178	0.131	0.884
As	0.051	-0.301	-0.014	0.211	0.049	0.053	0.143
Sb	0.051	-0.327	0.688	-0.182	0.131	0.098	0.643
Hg	-0.126	-0.099	-0.036	-0.071	-0.068	-0.188	0.072
Bi	-0.609	0.385	0.040	-0.125	0.328	-0.066	0.648
Cd	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Co	-0.360	0.381	0.347	0.069	-0.264	-0.203	0.511
Ni	-0.649	0.233	0.103	-0.232	-0.282	-0.034	0.621
V	-0.845	-0.327	-0.206	-0.016	0.058	-0.059	0.870
Mn	-0.796	0.140	0.102	0.156	0.000	0.089	0.697
Mo	0.239	-0.540	0.029	0.078	-0.458	-0.124	0.581
K	0.130	0.045	0.191	0.432	-0.085	0.242	0.308
W	-0.007	-0.333	0.679	-0.207	0.152	-0.034	0.638

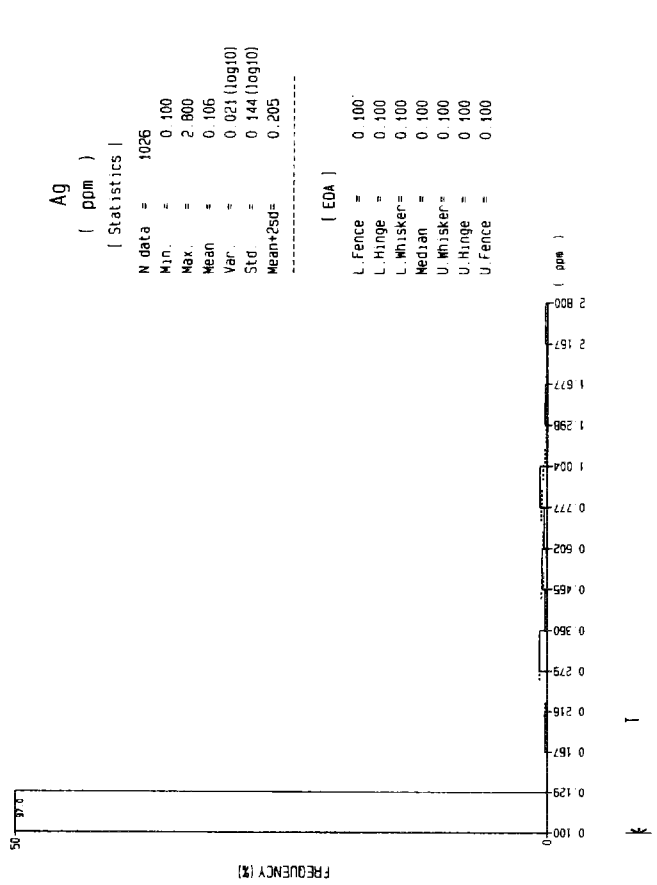
====== Factor Loading ======
(after rotation Varimax)

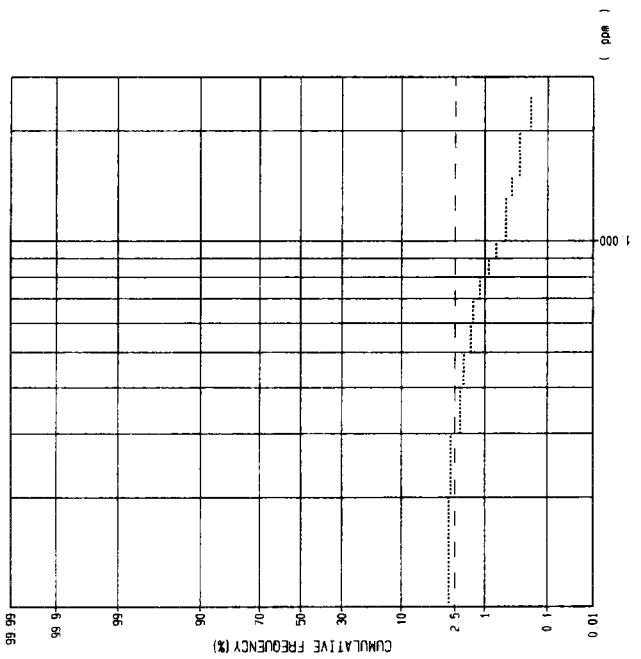
Elements	1	2	3	4	5	6	Comm.
Au	Ø.Ø39	Ø.Ø13	-Ø.Ø11	-Ø.486	Ø.Ø27	-Ø.125	Ø.254
Ag	Ø.459	Ø.Ø98	-Ø.Ø27	Ø.181	-Ø.Ø43	Ø.362	Ø.386
Cu	-Ø.398	Ø.2Ø6	-Ø.Ø41	-Ø.513	-Ø.Ø13	Ø.Ø69	Ø.471
Pb	-Ø.677	Ø.245	Ø.Ø49	Ø.136	-Ø.192	-Ø.Ø77	Ø.582
Zn	-Ø.454	Ø.671	Ø.Ø15	Ø.Ø52	Ø.244	Ø.174	Ø.75Ø
Fe	-Ø.925	-Ø.Ø16	-Ø.Ø21	-Ø.Ø53	Ø.121	-Ø.Ø95	Ø.884
As	-Ø.166	-Ø.155	Ø.Ø44	Ø.191	-Ø.194	Ø.124	Ø.143
Sb	-Ø.ØØ6	Ø.ØØ3	Ø.786	-Ø.Ø24	-Ø.Ø94	Ø.122	Ø.643
Hg	-Ø.1Ø5	Ø.Ø77	Ø.ØØ6	Ø.ØØ4	-Ø.Ø84	-Ø.218	Ø.Ø72
Bi	-Ø.292	Ø.338	Ø.ØØ7	-Ø.Ø67	Ø.648	-Ø.154	Ø.648
Cd	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ
Co	Ø.Ø21	Ø.7Ø1	Ø.Ø44	-Ø.Ø95	Ø.Ø91	-Ø.Ø1Ø	Ø.511
Ni	-Ø.3Ø1	Ø.532	-Ø.Ø17	-Ø.435	Ø.159	-Ø.18Ø	Ø.621
V	-Ø.872	Ø.151	-Ø.Ø51	-Ø.Ø8Ø	Ø.Ø82	-Ø.267	Ø.87Ø
Mn	-Ø.589	Ø.494	-Ø.Ø36	-Ø.119	Ø.286	Ø.Ø93	Ø.697
Mo	-Ø.Ø15	-Ø.Ø91	Ø.Ø76	Ø.Ø2Ø	-Ø.75Ø	-Ø.Ø62	Ø.581
K	Ø.Ø55	Ø.1ØØ	-Ø.Ø17	Ø.148	-Ø.126	Ø.5Ø6	Ø.3Ø8
W	-Ø.Ø33	Ø.Ø57	Ø.792	Ø.Ø26	-Ø.Ø8Ø	-Ø.ØØ3	Ø.638

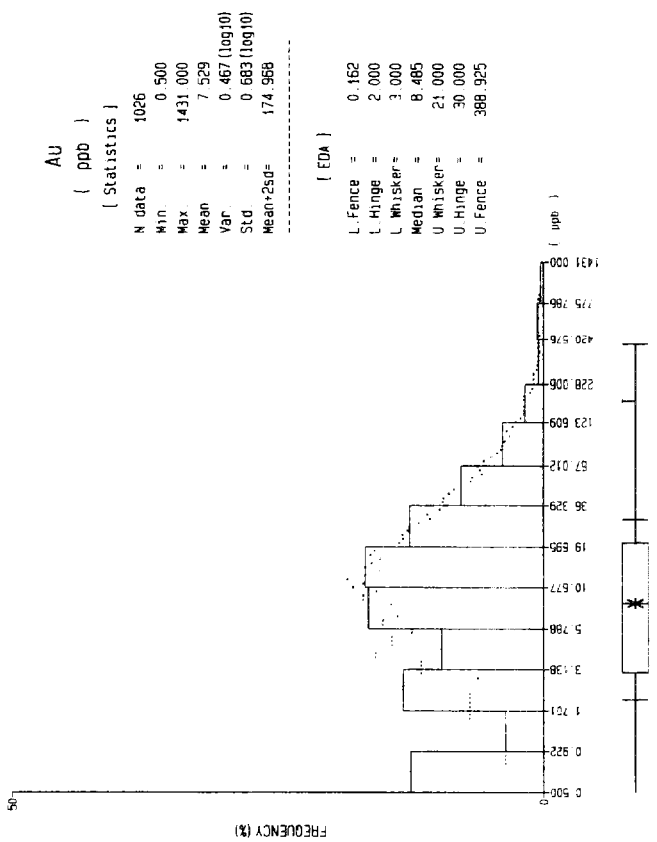
N fact	Contribution	%	Cum%
1	3.218	35.854	35.854
2	1.77Ø	19.714	55.567
3	1.265	14.Ø92	69.659
4	Ø.839	9.35Ø	79.ØØ9
5	1.295	14.421	93.431
6	Ø.672	7.481	1ØØ.911

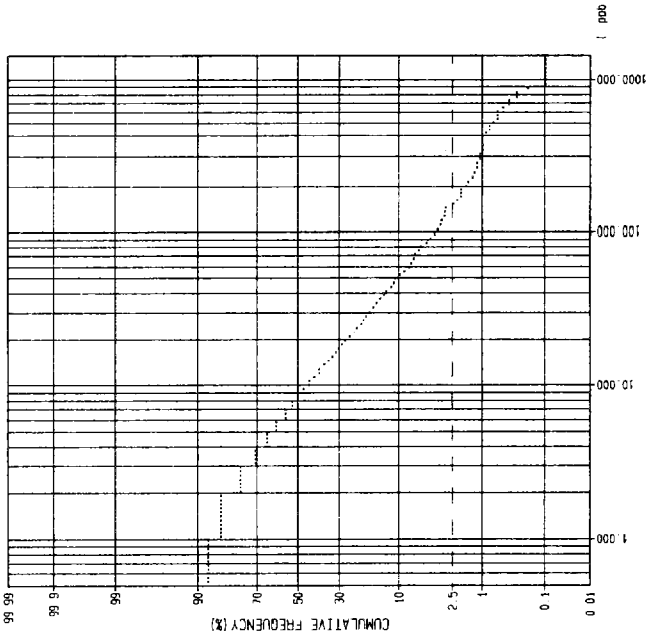
======= Factor Score =======

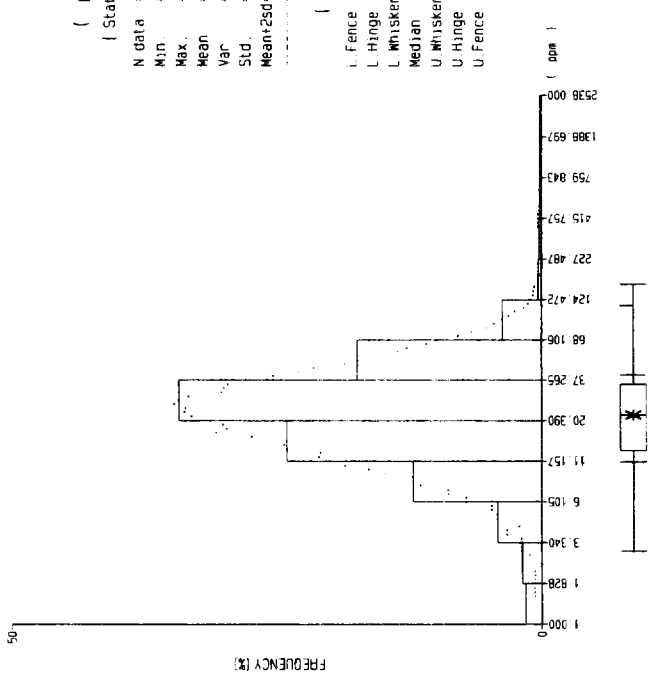
	<Weight>					
Elements	1	2	3	4	5	6
Au	Ø.Ø2Ø	-Ø.Ø19	Ø.ØØ2	-Ø.278	-Ø.ØØ8	-Ø.Ø14
Ag	Ø.Ø28	Ø.Ø68	-Ø.Ø36	Ø.Ø79	-Ø.ØØ3	Ø.26Ø
Cu	-Ø.Ø38	Ø.ØØ7	-Ø.Ø27	-Ø.394	-Ø.Ø82	Ø.181
Pb	-Ø.117	Ø.13Ø	Ø.ØØ4	Ø.195	-Ø.224	-Ø.Ø4Ø
Zn	-Ø.Ø66	Ø.4Ø3	-Ø.Ø14	Ø.235	Ø.Ø3Ø	Ø.281
Fe	-Ø.556	-Ø.473	Ø.Ø14	-Ø.Ø2Ø	Ø.151	Ø.382
As	-Ø.Ø5Ø	-Ø.Ø43	Ø.ØØ2	Ø.Ø76	-Ø.Ø55	Ø.Ø53
Sb	-Ø.Ø4Ø	-Ø.Ø43	Ø.479	-Ø.Ø69	Ø.ØØØ	Ø.128
Hg	Ø.Ø11	Ø.Ø4Ø	Ø.ØØ3	Ø.Ø29	-Ø.Ø48	-Ø.121
Bi	Ø.Ø79	Ø.Ø67	Ø.Ø58	Ø.Ø63	Ø.36Ø	-Ø.225
Cd	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ	Ø.ØØØ
Co	Ø.Ø68	Ø.3Ø9	Ø.ØØ4	Ø.ØØ7	-Ø.Ø59	-Ø.Ø75
Ni	Ø.Ø61	Ø.174	Ø.ØØ5	-Ø.343	-Ø.Ø33	-Ø 151
V	-Ø.267	Ø.Ø89	-Ø.Ø45	Ø.Ø7Ø	-Ø.Ø96	-Ø.549
Mn	-Ø.112	Ø.172	-Ø.Ø24	-Ø.Ø67	Ø.Ø92	Ø.221
Mo	-Ø.Ø19	Ø.118	-Ø.Ø19	-Ø.ØØ3	-Ø.486	-Ø.1Ø6
K	-Ø.Ø18	Ø.Ø22	-Ø.Ø29	Ø.Ø14	-Ø.Ø56	Ø.238
W	Ø.Ø1Ø	Ø.Ø28	Ø.49Ø	Ø.Ø23	Ø.Ø1Ø	-Ø.Ø8Ø

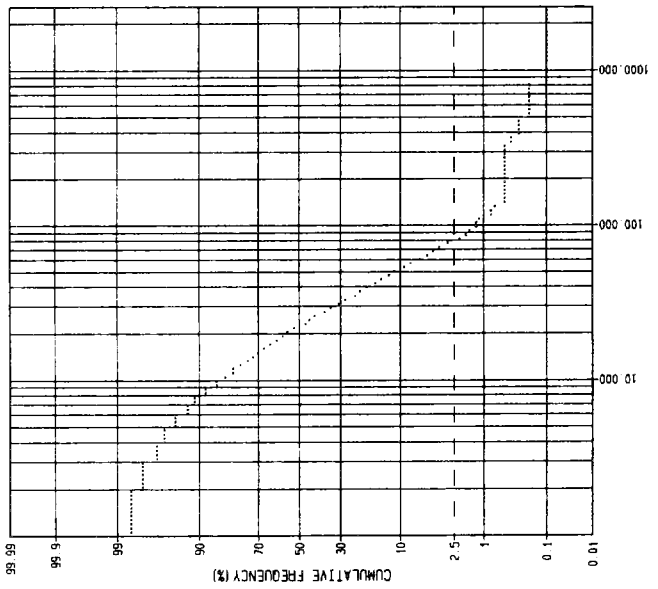

Ag
(ppm)
[Statistics]
N data = 1026
Min. = 0.100
Max. = 2.800
Mean = 0.106
Var. = 0.021(log10)
Std = 0.144(log10)
Mean+2sd= 0.205
[EDA]
L.Fence = 0.100
L.Hinge = 0.100
L.Whisker= 0.100
Median = 0.100
U.Whisker= 0.100
U.Hinge = 0.100
U.Fence = 0.100
(ppm)
FREQUENCY (%)

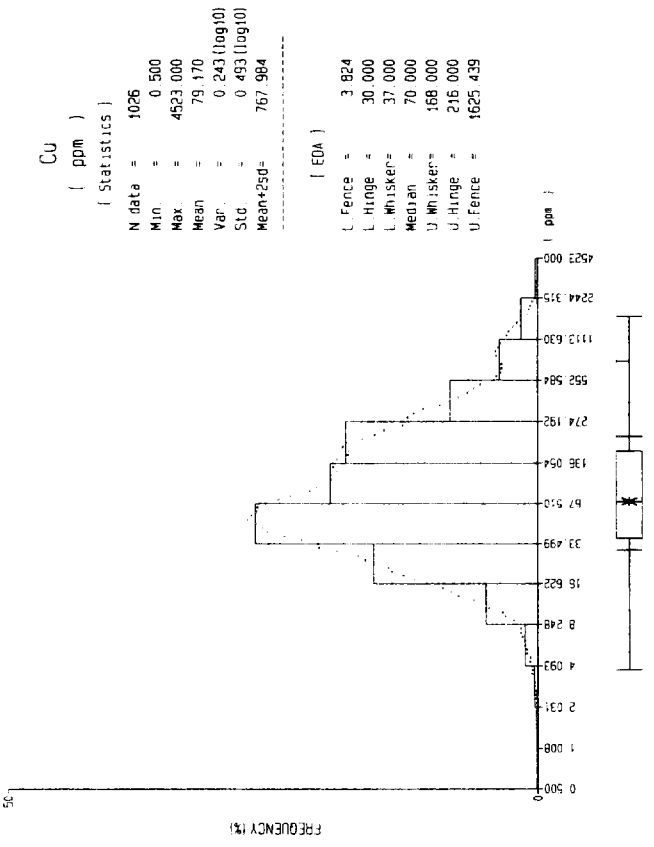

(ppm)
CUMULATIVE FREQUENCY (%)

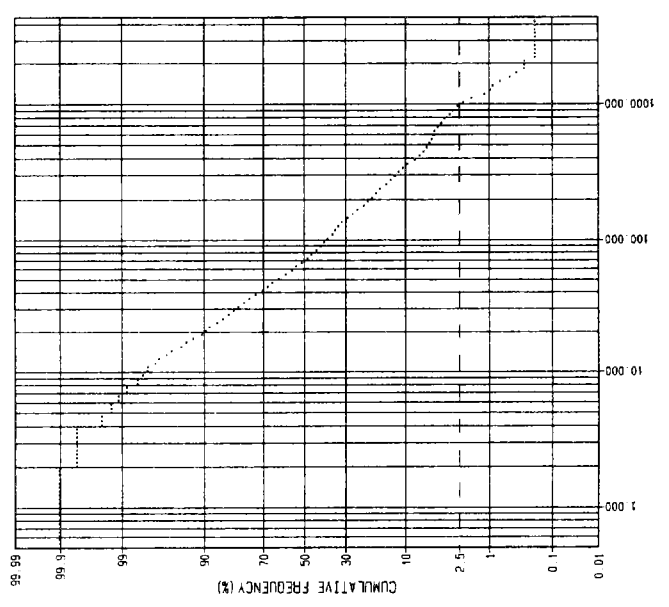

Au
(ppb)
[Statistics]
N data = 1026
Min. = 0.500
Max. = 1431.000
Mean = 7.529
Var. = 0.467(log10)
Std = 0.683(log10)
Mean+2sd= 174.968
[EDA]
L.Fence = 0.162
L.Hinge = 2.000
L.Whisker= 3.000
Median = 8.485
U.Whisker= 21.000
U.Hinge = 30.000
U.Fence = 388.925
(ppb)
FREQUENCY (%)

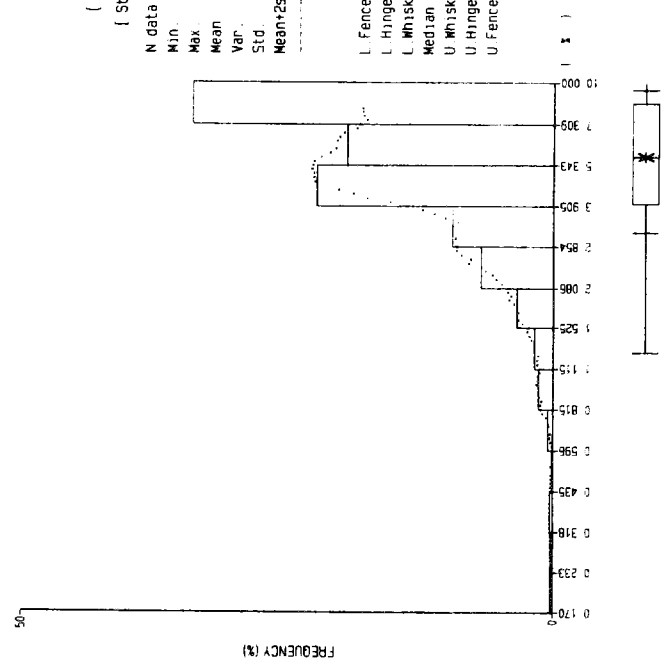

(ppb)
CUMULATIVE FREQUENCY (%)

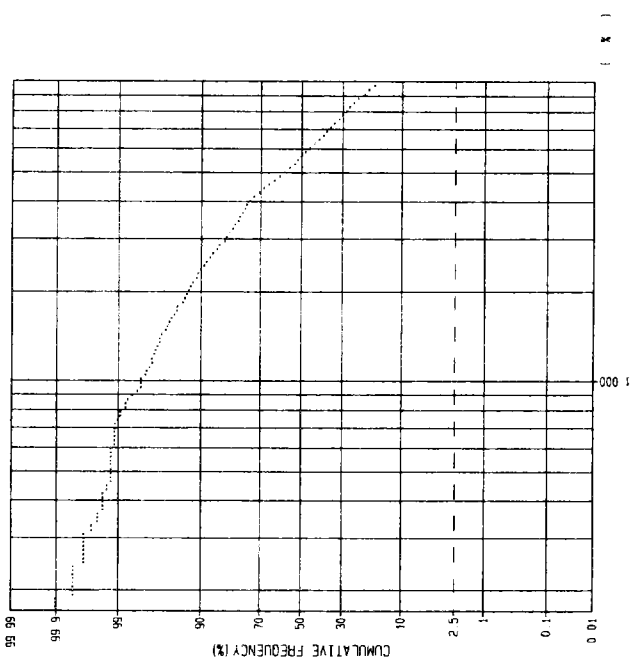

Pb
(ppm)
[Statistics]
N data = 1026
Min = 1.000
Max. = 2538.000
Mean = 20.826
Var = 0.136(log10)
Std. = 0.368(log10)
Mean+2sd= 113.469
[EDA]
L.Fence = 2.943
L.Hinge = 11.000
L.Whisker= 13.000
Median = 22.000
U.Whisker= 35.000
U.Hinge = 40.000
U.Fence = 154.616
(ppm)
FREQUENCY (%)

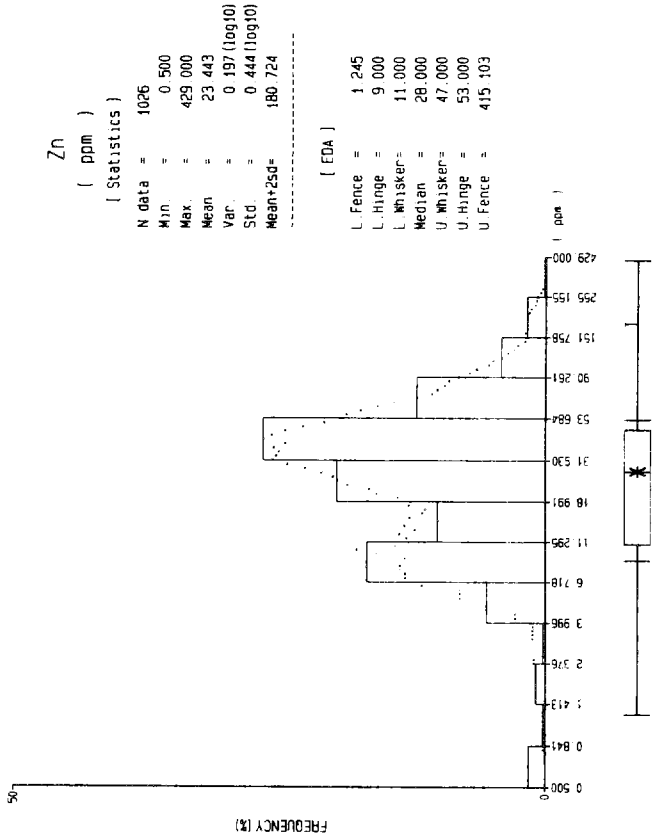

(ppm)
CUMULATIVE FREQUENCY (%)

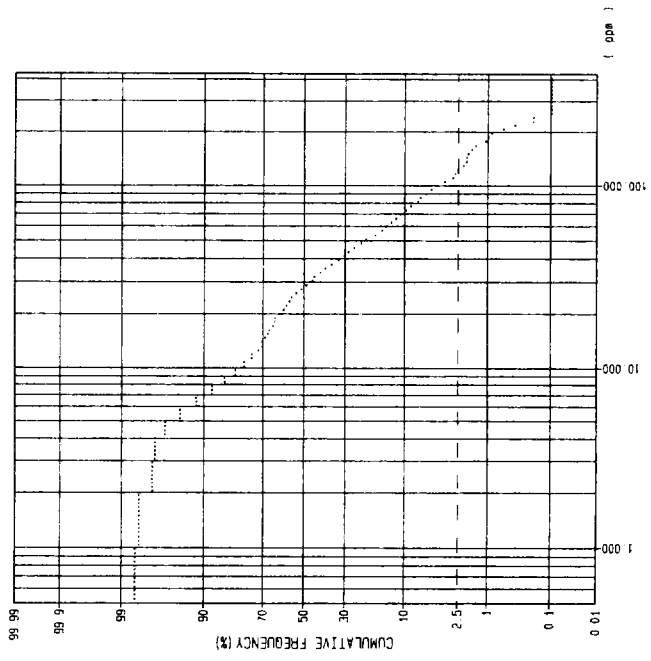

Cu
(ppm)
[Statistics]
N data = 1026
Min = 0.500
Max = 4523.000
Mean = 79.170
Var = 0.243(log10)
Std = 0.493(log10)
Mean+2sd= 767.984
[EDA]
L.Fence = 3.824
L.Hinge = 30.000
L.Whisker= 37.000
Median = 70.000
U.Whisker= 168.000
U.Hinge = 216.000
U.Fence = 1625.439
(ppm)
FREQUENCY (%)

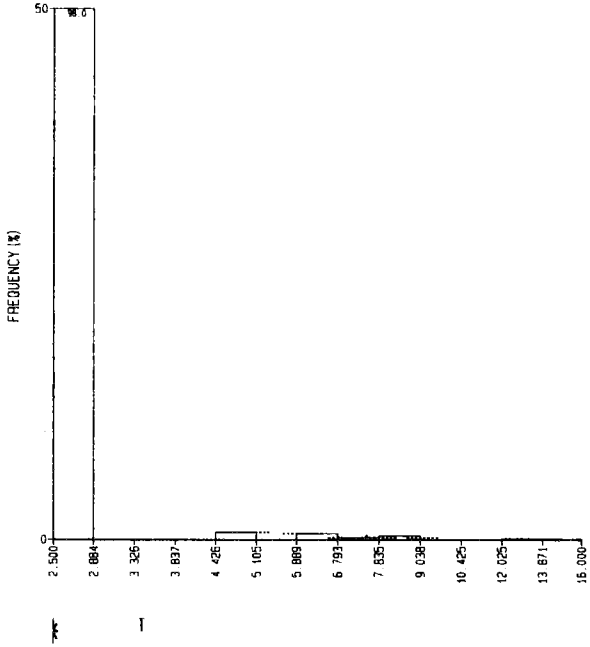

(ppm)
CUMULATIVE FREQUENCY (%)


Fe
(%)
[Statistics]
N data = 1026
Min. = 0.170
Max. = 10.000
Mean = 5.176
Var. = 0.072(log10)
Std. = 0.268(log10)
Mean+2sd= 17.743
[EDA]
L.Fence = 1.259
L.Hinge = 3.190
L.Whisker= 3.990
Median = 5.720
U.Whisker= 8.610
U.Hinge = 9.460
U.Fence = 27.293
FREQUENCY (%)


CUMULATIVE FREQUENCY (%)


Zn
(ppm)
[Statistics]
N data = 1026
Min. = 0.500
Max. = 429.000
Mean = 23.443
Var. = 0.197(log10)
Std. = 0.444(log10)
Mean+2sd= 180.724
[EDA]
L.Fence = 1.245
L.Hinge = 9.000
L.Whisker= 11.000
Median = 28.000
U.Whisker= 47.000
U.Hinge = 53.000
U.Fence = 415.103
FREQUENCY (%)


CUMULATIVE FREQUENCY (%)



As

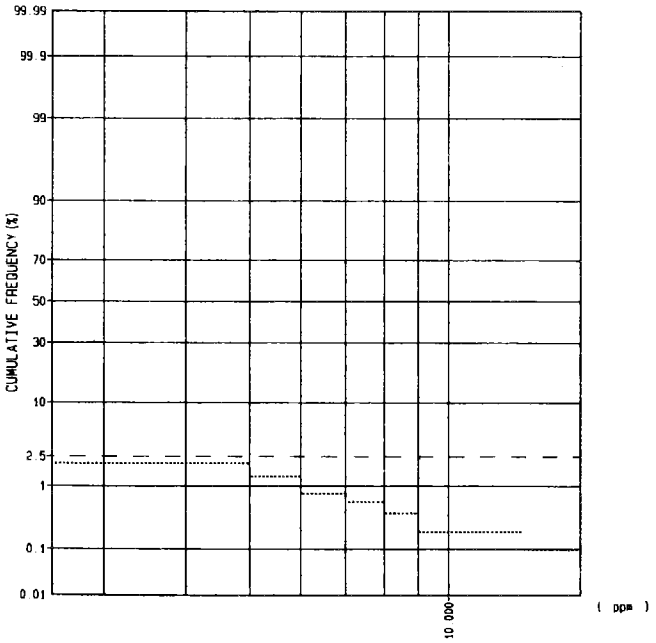
(ppm)

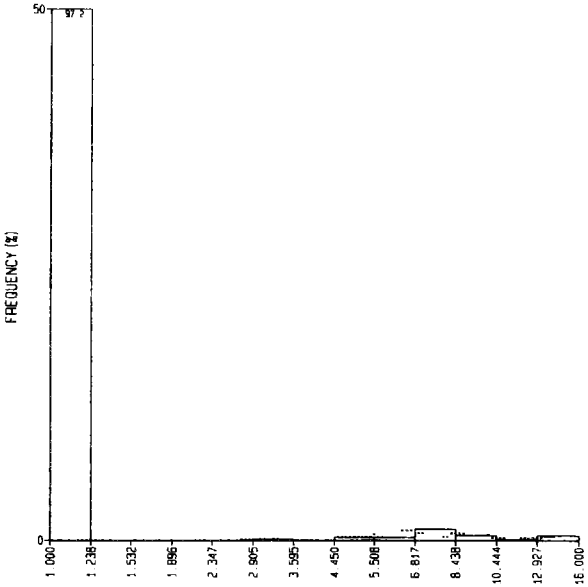
[Statistics]

N data	=	1026
Min.	=	2.500
Max.	=	16.000
Mean	=	2.551
Var.	=	0.004(log10)
Std.	=	0.063(log10)
Mean+2sd	=	3.415

[EDA]

L.Fence	=	2.500
L.Hinge	=	2.500
L.Whisker	=	2.500
Median	=	2.500
U.Whisker	=	2.500
U.Hinge	=	2.500
U.Fence	=	2.500





Sb

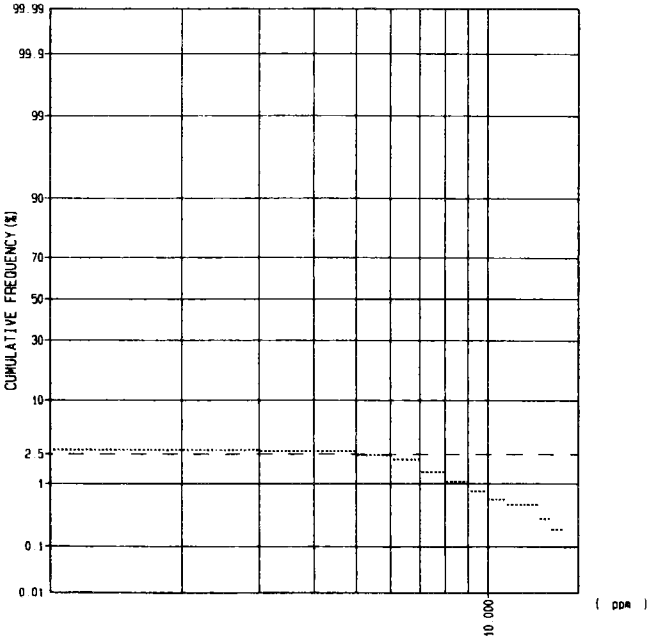
(ppm)

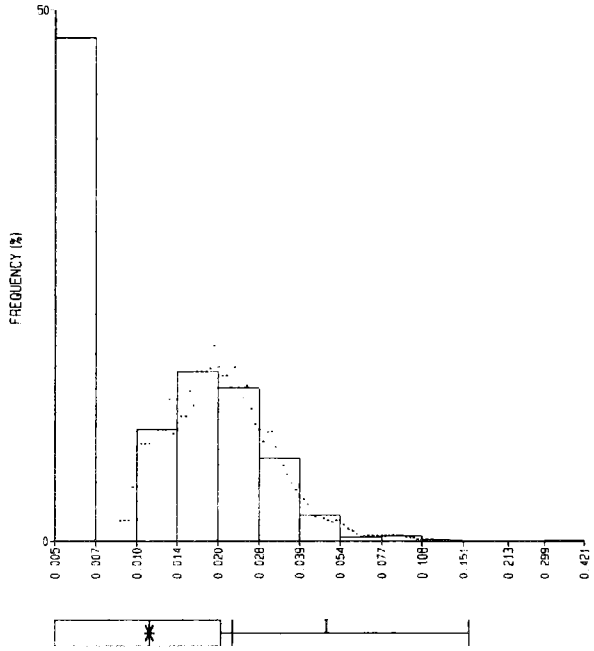
[Statistics]

N data	=	1026
Min.	=	1.000
Max.	=	16.000
Mean	=	1.060
Var.	=	0.023(log10)
Std.	=	0.152(log10)
Mean+2sd	=	2.131

[EDA]

L.Fence	=	1.000
L.Hinge	=	1.000
L.Whisker	=	1.000
Median	=	1.000
U.Whisker	=	1.000
U.Hinge	=	1.000
U.Fence	=	1.000





Hg

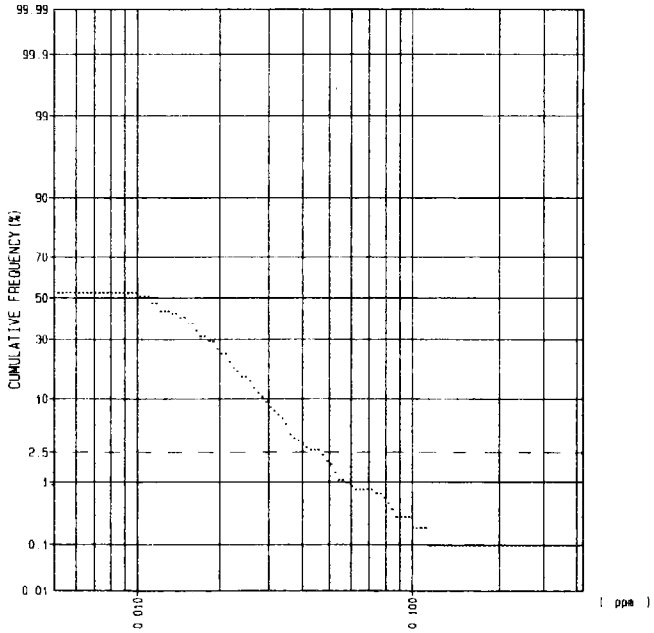
(ppm)

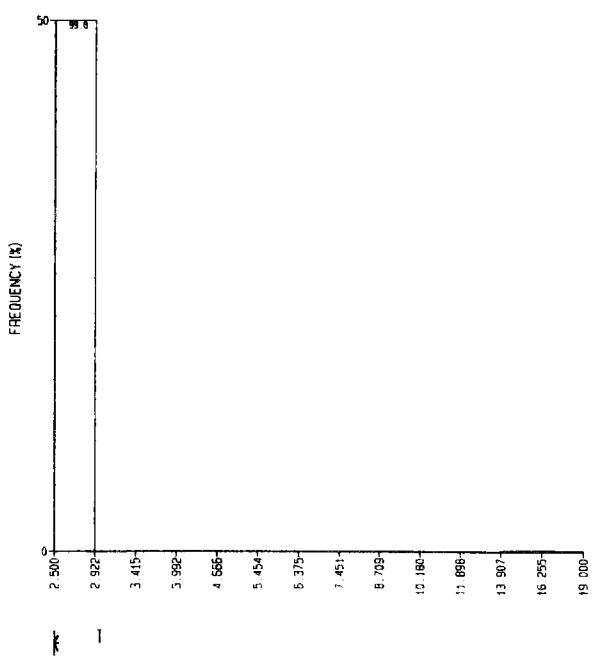
[Statistics]

N data	=	1026
Min.	=	0.005
Max.	=	0.421
Mean	=	0.010
Var.	=	0.112 (log10)
Std.	=	0.334 (log10)
Mean+2sd	=	0.049

[EDA]

L.Fence	=	0.001
L.Hinge	=	0.005
L.Whisker	=	0.005
Median	=	0.011
U.Whisker	=	0.020
U.Hinge	=	0.022
U.Fence	=	0.160





Bi

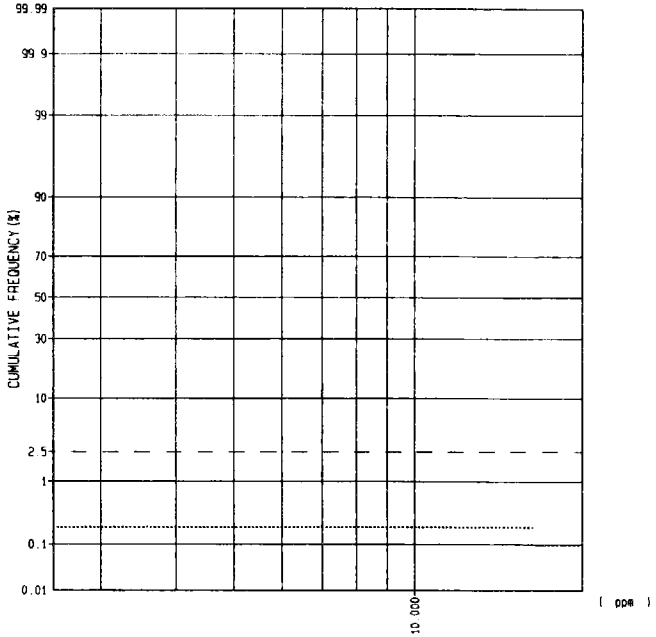
(ppm)

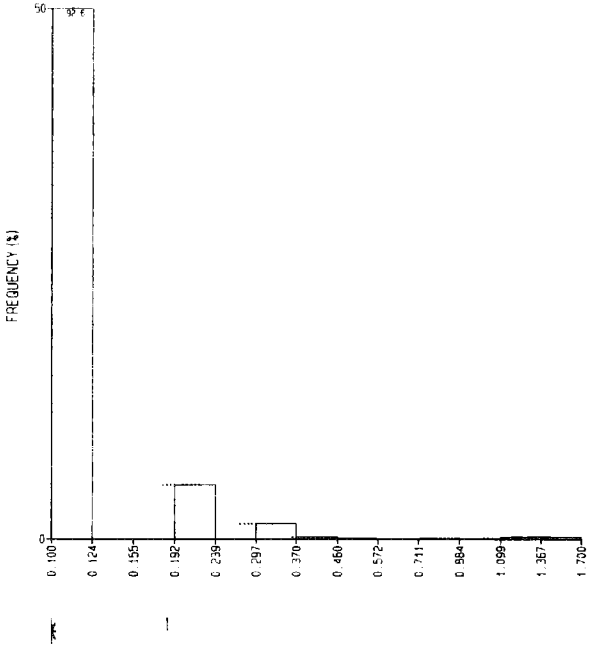
[Statistics]

N data	=	1026
Min.	=	2.500
Max.	=	19.000
Mean	=	2.509
Var.	=	0.001 (log10)
Std.	=	0.037 (log10)
Mean+2sd	=	2.979

[EDA]

L.Fence	=	2.500
L.Hinge	=	2.500
L.Whisker	=	2.500
Median	=	2.500
U.Whisker	=	2.500
U.Hinge	=	2.500
U.Fence	=	2.500





Cd

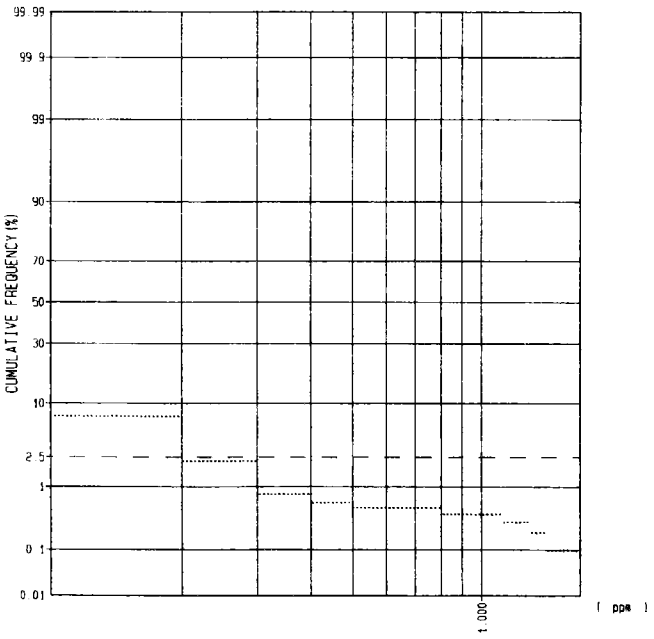
(ppm)

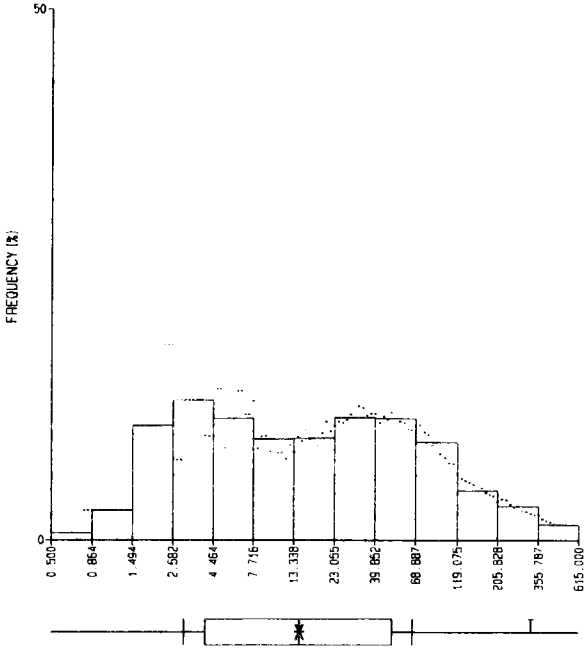
[Statistics]

N data	=	1026
Min.	=	0.100
Max.	=	1.700
Mean	=	0.107
Var.	=	0.014 (log10)
Std.	=	0.119 (log10)
Mean+2sd	=	0.185

[EDA]

L.Fence	=	0.100
L.Hinge	=	0.100
L.Whisker	=	0.100
Median	=	0.100
U.Whisker	=	0.100
U.Hinge	=	0.100
U.Fence	=	0.100





Co

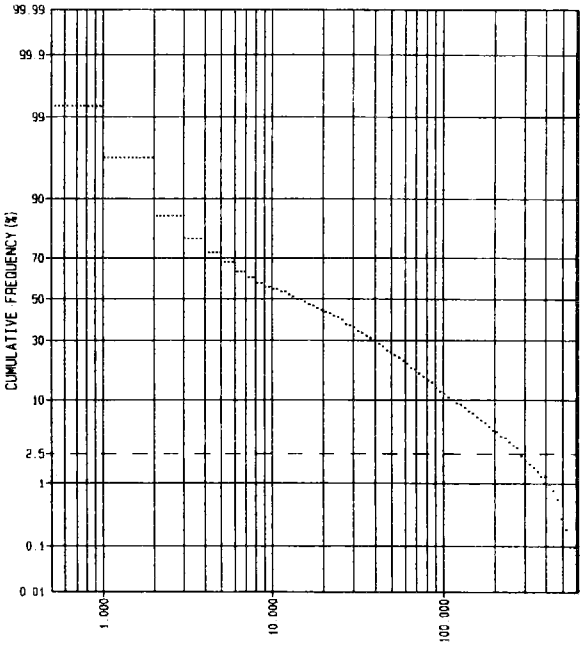
(ppm)

[Statistics]

N data	=	1026
Min.	=	0.500
Max.	=	615.000
Mean	=	14.816
Var.	=	0.446 (log10)
Std.	=	0.668 (log10)
Mean+2sd	=	321.284

[EDA]

L.Fence	=	0.091
L.Hinge	=	3.000
L.Whisker	=	4.000
Median	=	14.491
U.Whisker	=	50.000
U.Hinge	=	66.000
U.Fence	=	2209.709

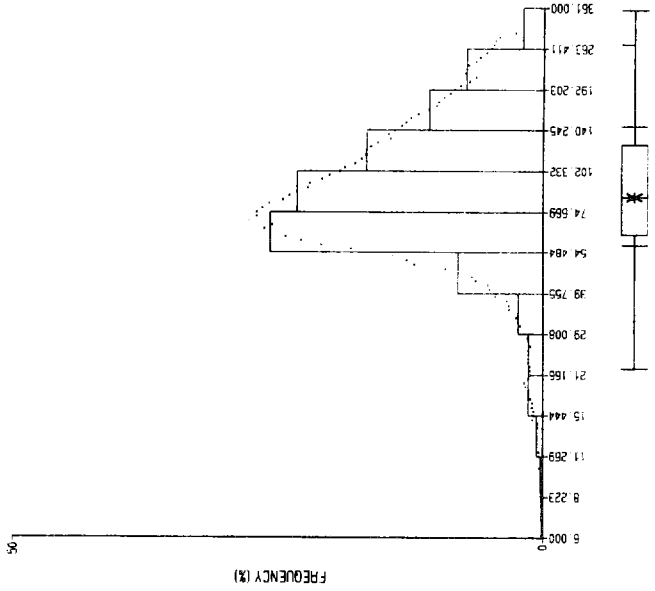


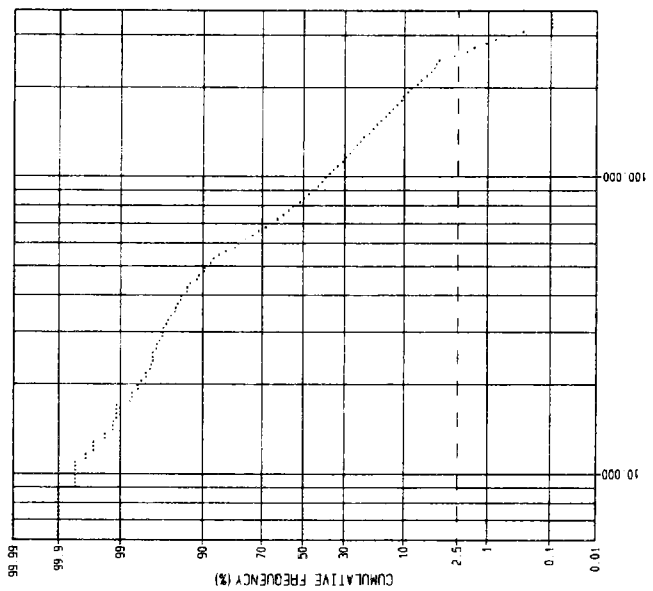
V
(ppm)
[Statistics]

N data =	1026
Min. =	6.000
Max. =	361.000
Mean =	87.719
Var. =	0.061 (log10)
Std =	0.247 (log10)
Mean+2sd=	273.120

[EDA]

L.Fence =	22.274
L.Hinge =	58.000
L.Whisker=	63.000
Median =	84.000
U.Whisker=	126.000
U.Hinge =	145.000
U.Fence =	356.382



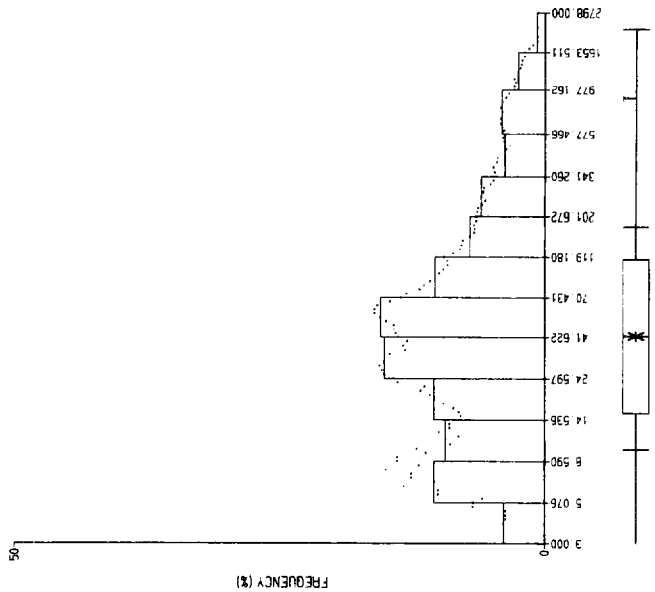


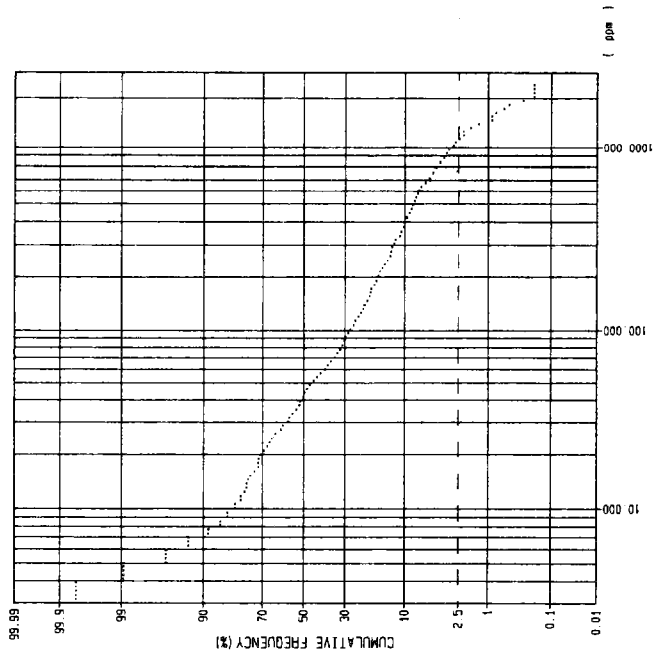
N1
(ppm)
[Statistics]

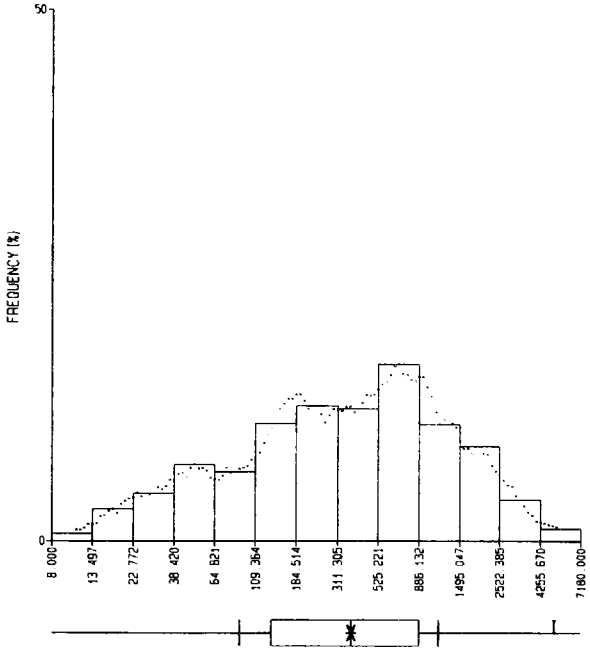
N data =	1026
Min. =	3.000
Max. =	2798.000
Mean =	47.133
Var. =	0.403 (log10)
Std =	0.635 (log10)
Mean+2sd=	878.325

[EDA]

L.Fence =	0.820
L.Hinge =	10.000
L.Whisker=	16.000
Median =	42.497
U.Whisker=	116.000
U.Hinge =	179.000
U.Fence =	2264.462







Mn

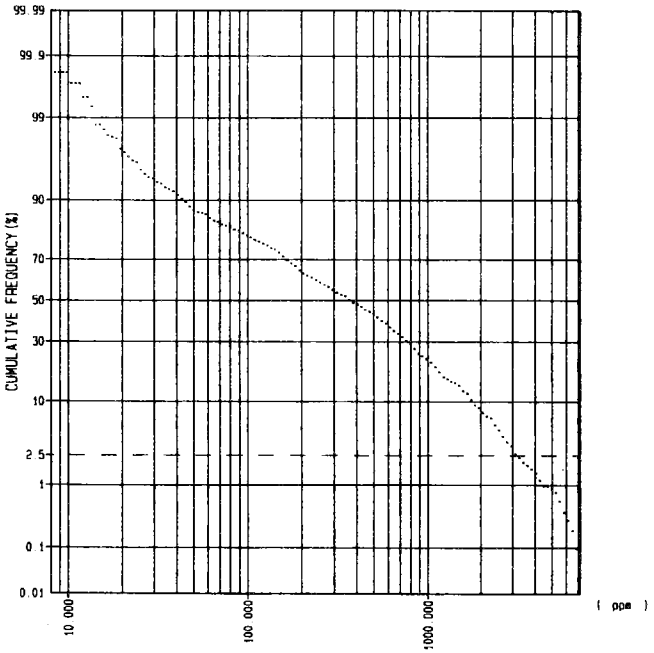
(ppm)

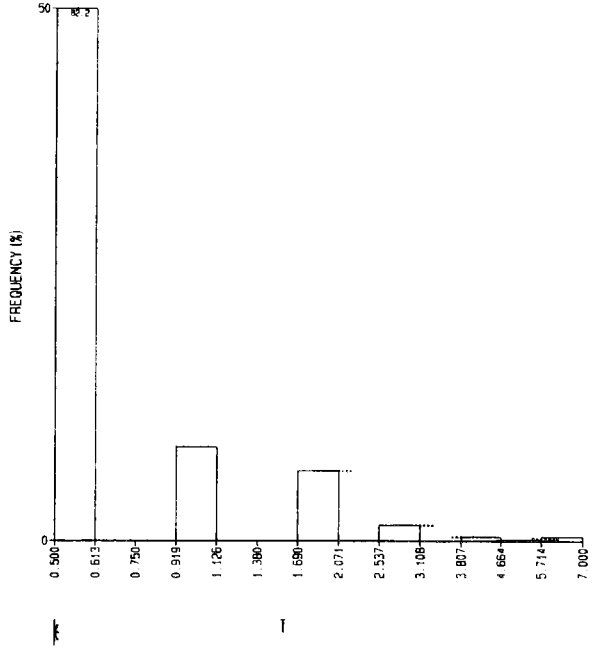
[Statistics]

N data	=	1026
Min.	=	8.000
Max.	=	7180.000
Mean	=	324.064
Var.	=	0.358 (log10)
Std.	=	0.599 (log10)
Mean+2sd	=	5105.710

[EDA]

L.Fence	=	7.868
L.Hinge	=	89.000
L.Whisker	=	134.000
Median	=	370.500
U.Whisker	=	887.000
U.Hinge	=	1131.000
U.Fence	=	15106.082





Mo

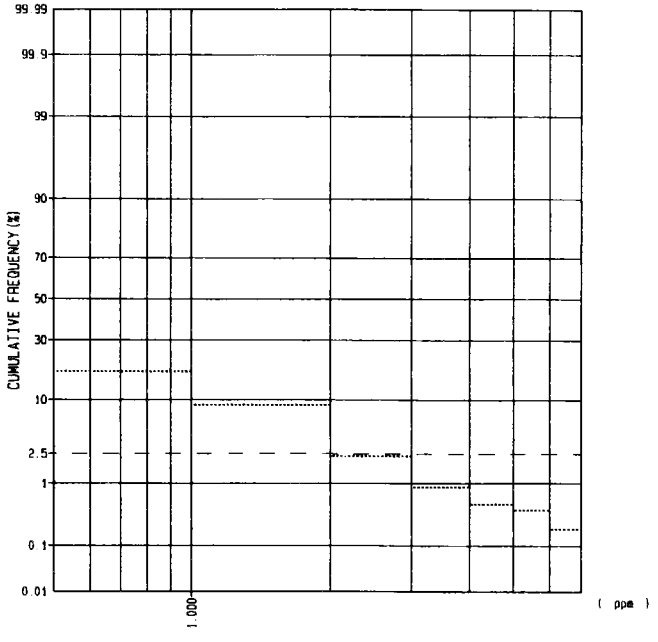
(ppm)

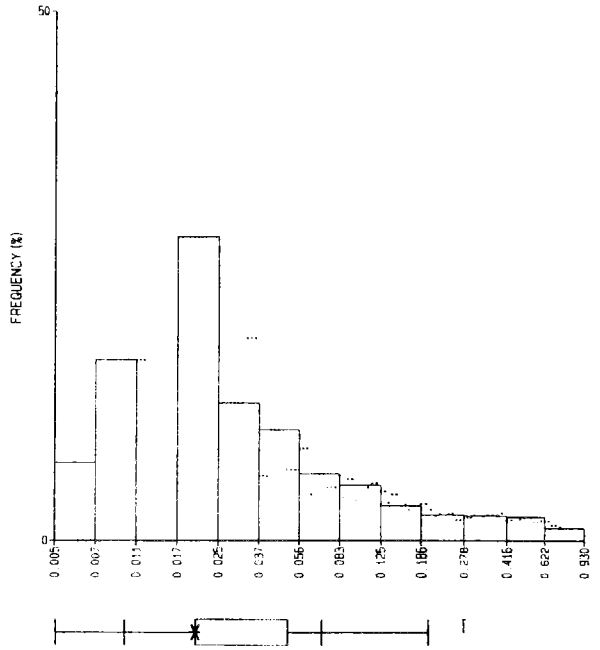
[Statistics]

N data	=	1026
Min.	=	0.500
Max.	=	7.000
Mean	=	0.611
Var.	=	0.042 (log10)
Std.	=	0.206 (log10)
Mean+2sd	=	1.576

[EDA]

L.Fence	=	0.500
L.Hinge	=	0.500
L.Whisker	=	0.500
Median	=	0.500
U.Whisker	=	0.500
U.Hinge	=	0.500
U.Fence	=	0.500





K

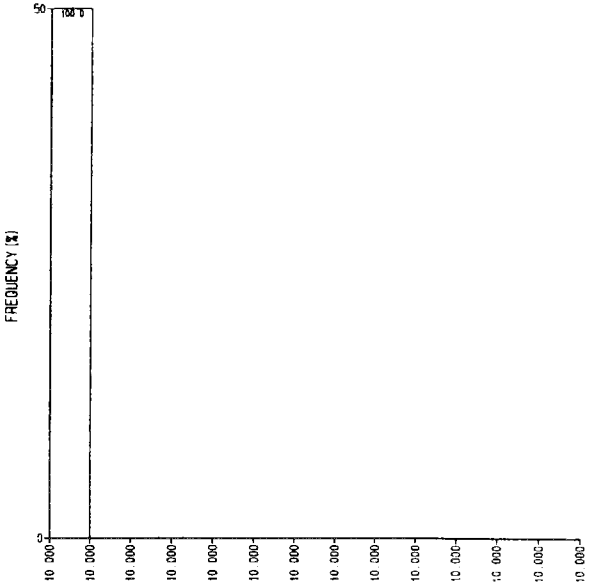
(%)

[Statistics]

N data	=	1026
Min.	=	0.005
Max.	=	0.930
Mean	=	0.029
Var.	=	0.238 (log10)
Std.	=	0.488 (log10)
Mean+2sd	=	0.278

[EDA]

L.Fence	=	0.005
L.Hinge	=	0.010
L.Whisker	=	0.020
Median	=	0.020
U.Whisker	=	0.050
U.Hinge	=	0.070
U.Fence	=	0.198



W

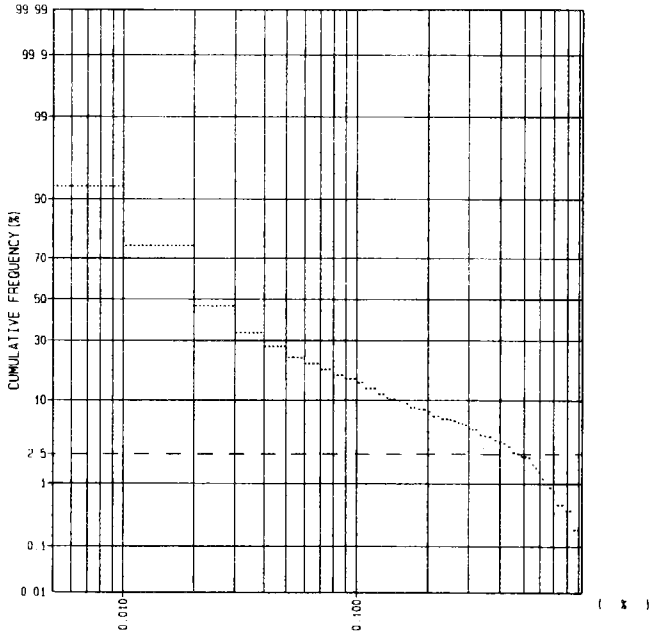
(ppm)

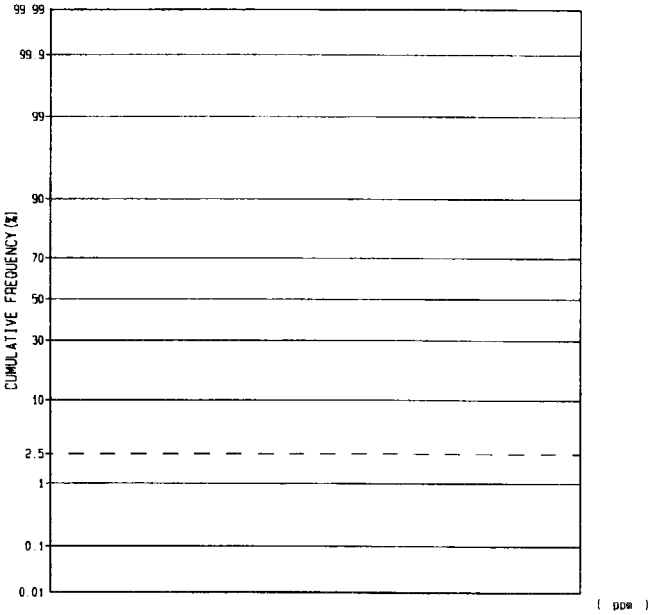
[Statistics]

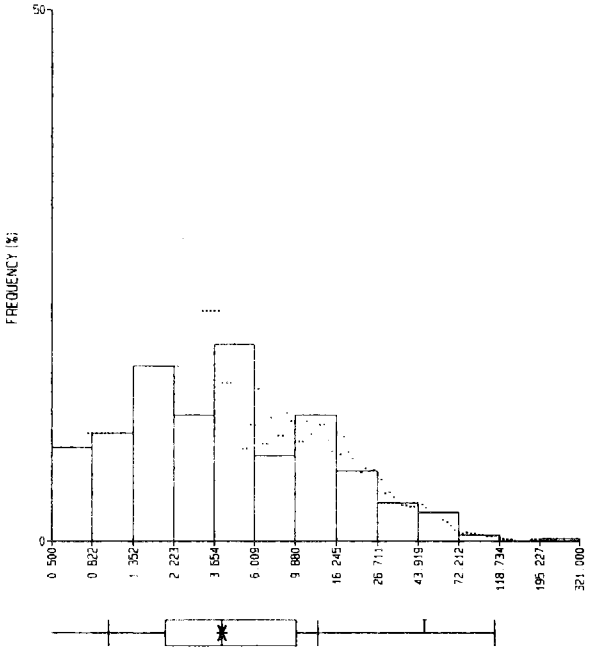
N data	=	1026
Min.	=	10.000
Max.	=	10.000
Mean	=	10.000
Var.	=	0.000 (log10)
Std.	=	0.000 (log10)
Mean+2sd	=	10.000

[EDA]

L.Fence	=	10.000
L.Hinge	=	10.000
L.Whisker	=	10.000
Median	=	10.000
U.Whisker	=	10.000
U.Hinge	=	10.000
U.Fence	=	10.000







Au

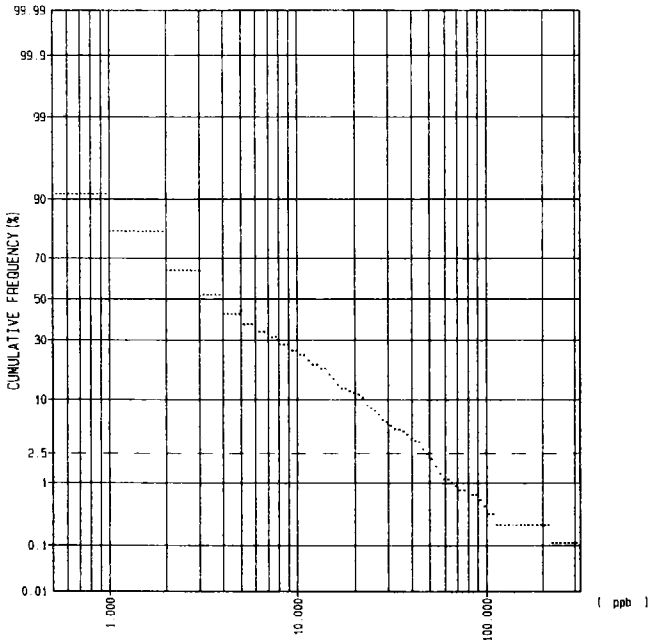
(ppb)

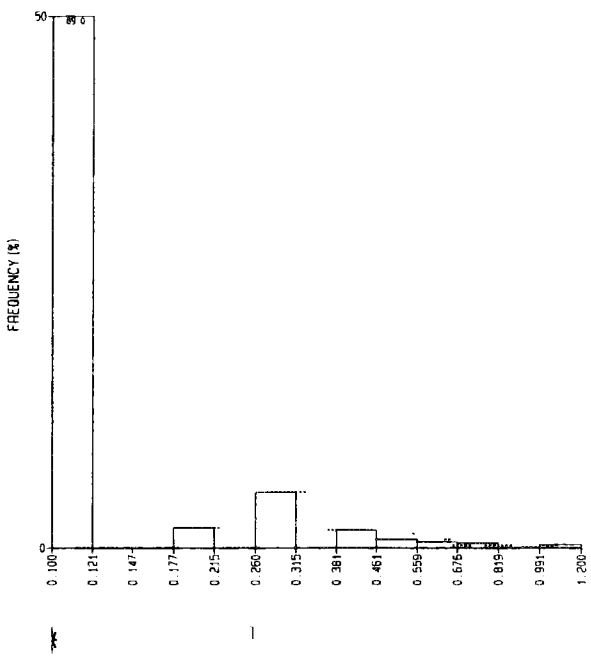
[Statistics]

N data	=	888
Min.	=	0.500
Max.	=	321.000
Mean	=	4.107
Var.	=	0.283 (log10)
Std.	=	0.532 (log10)
Mean+2sd	=	47.570

[EDA]

L.Fence	=	0.179
L.Hinge	=	1.000
L.Whisker	=	2.000
Median	=	4.000
U.Whisker	=	10.000
U.Hinge	=	13.000
U.Fence	=	111.803





Ag

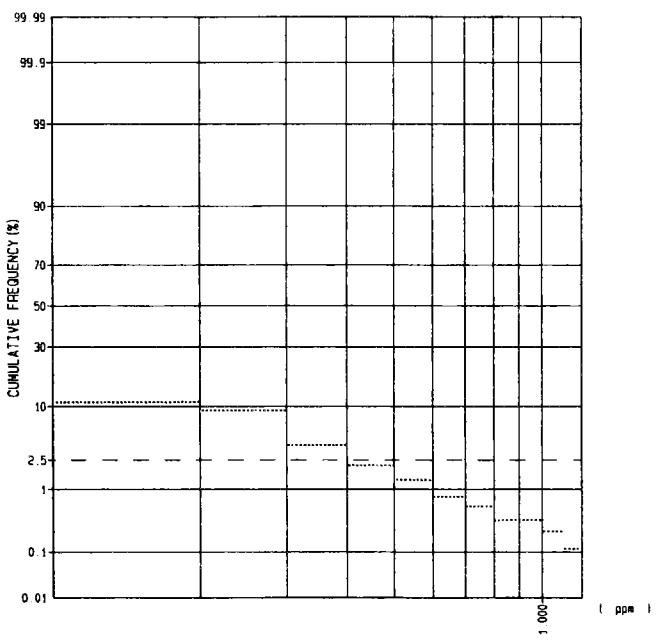
(ppm)

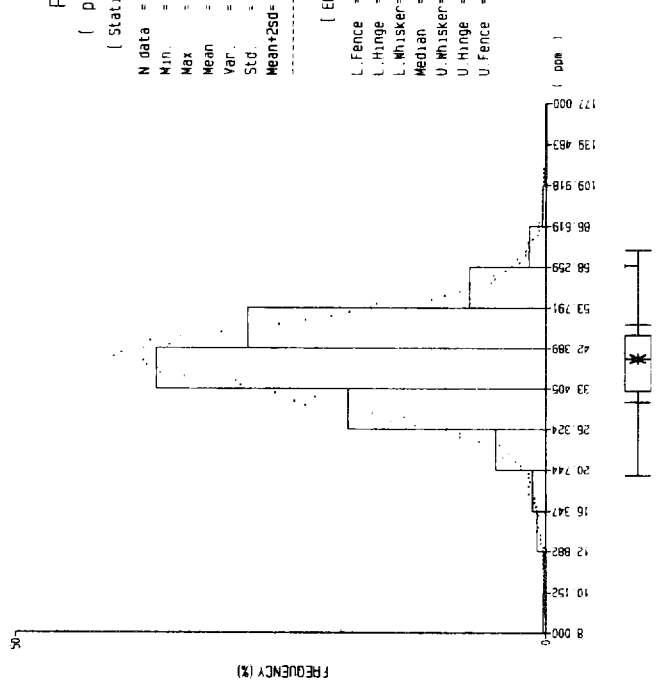
[Statistics]

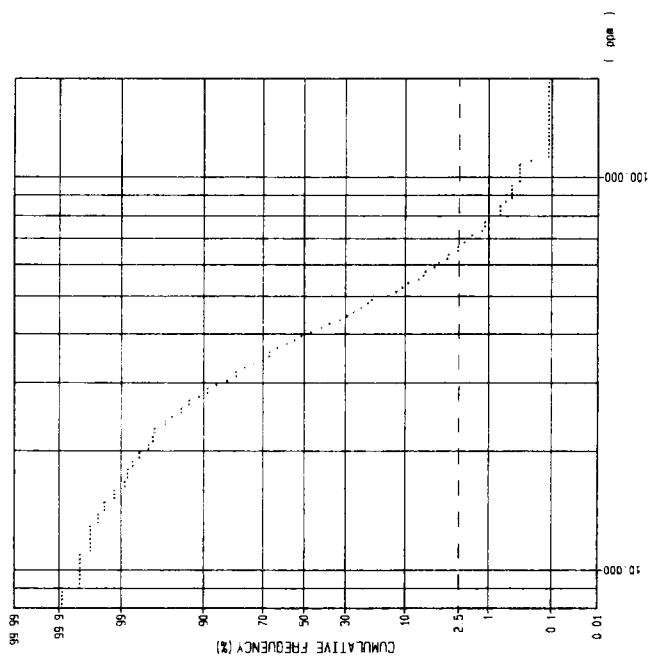
N data	=	888
Min.	=	0.100
Max.	=	1.200
Mean	=	0.114
Var.	=	0.031 (log10)
Std.	=	0.176 (log10)
Mean+2sd	=	0.257

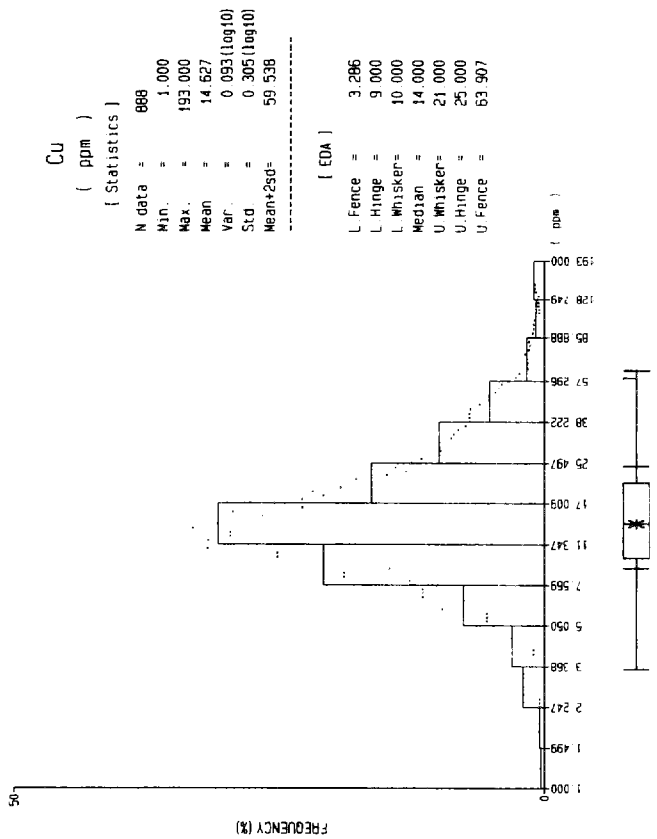
[EDA]

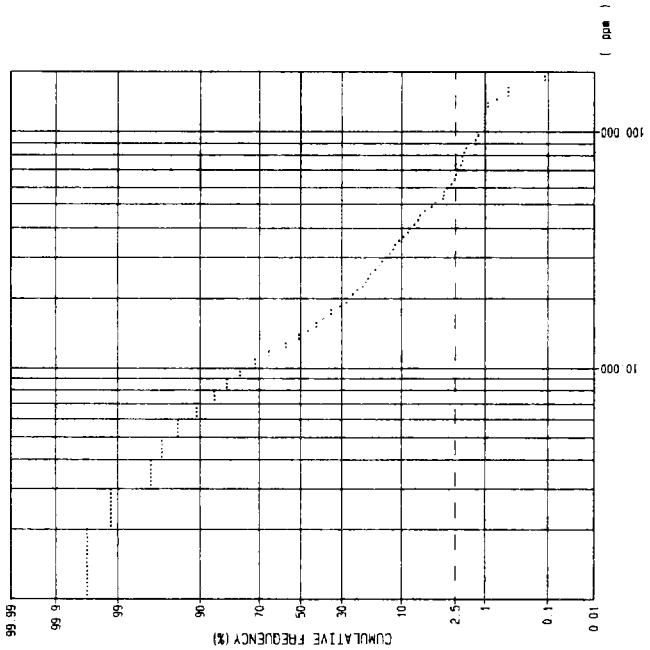
L.Fence	=	0.100
L.Hinge	=	0.100
L.Whisker	=	0.100
Median	=	0.100
U.Whisker	=	0.100
U.Hinge	=	0.100
U.Fence	=	0.100

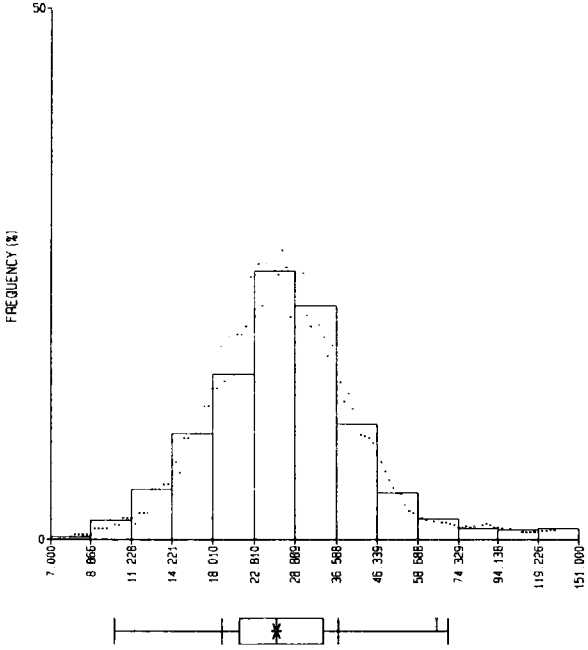



Pb
(ppm)
[Statistics]
N data = 888
Min. = 8.000
Max. = 177.000
Mean = 38.944
Var. = 0.016(log10)
Std. = 0.125(log10)
Mean+2sd= 69.201
[EDA]
L.Fence = 20.052
L.Hinge = 31.000
L.Whisker= 33.000
Median = 40.000
U.Whisker= 46.000
U.Hinge = 49.000
U.Fence = 75.705
(ppm)
FREQUENCY (%)


(ppm)
CUMULATIVE FREQUENCY (%)


Cu
(ppm)
[Statistics]
N data = 888
Min. = 1.000
Max. = 193.000
Mean = 14.627
Var. = 0.093(log10)
Std = 0.305(log10)
Mean+2sd= 59.538
[EDA]
L.Fence = 3.286
L.Hinge = 9.000
L.Whisker= 10.000
Median = 14.000
U.Whisker= 21.000
U.Hinge = 25.000
U.Fence = 63.907
(ppm)
FREQUENCY (%)


(ppm)
CUMULATIVE FREQUENCY (%)



Zn

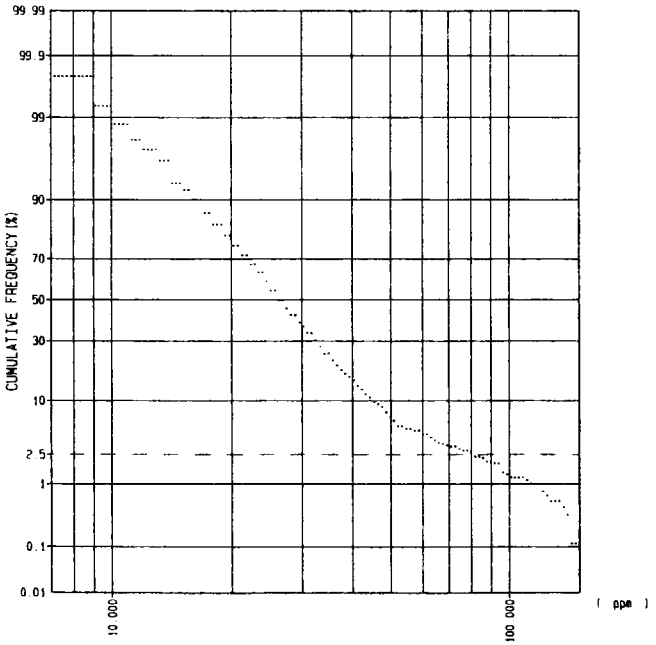
(ppm)

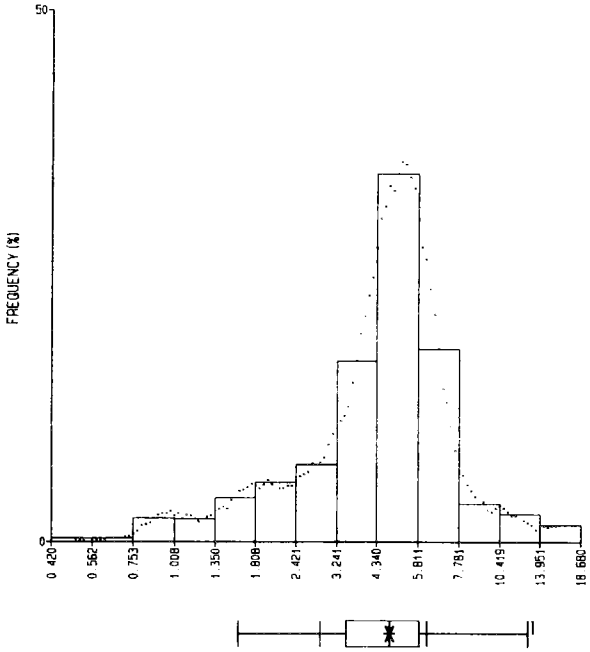
[Statistics]

N data	=	888
Min.	=	7.000
Max.	=	151.000
Mean	=	27.214
Var.	=	0.036(log10)
Std.	=	0.191(log10)
Mean+2sd	=	65.596

[EDA]

L.Fence	=	10.194
L.Hinge	=	19.000
L.Whisker	=	21.000
Median	=	26.000
U.Whisker	=	34.000
U.Hinge	=	37.000
U.Fence	=	70.044





Fe

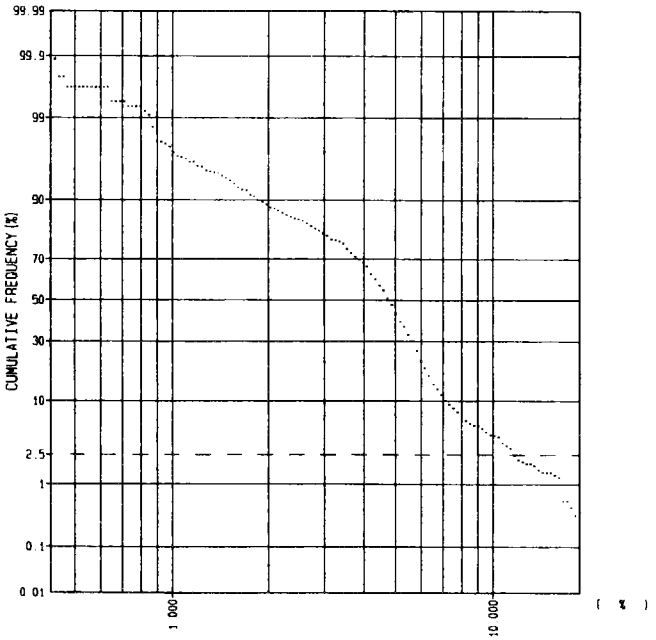
(%)

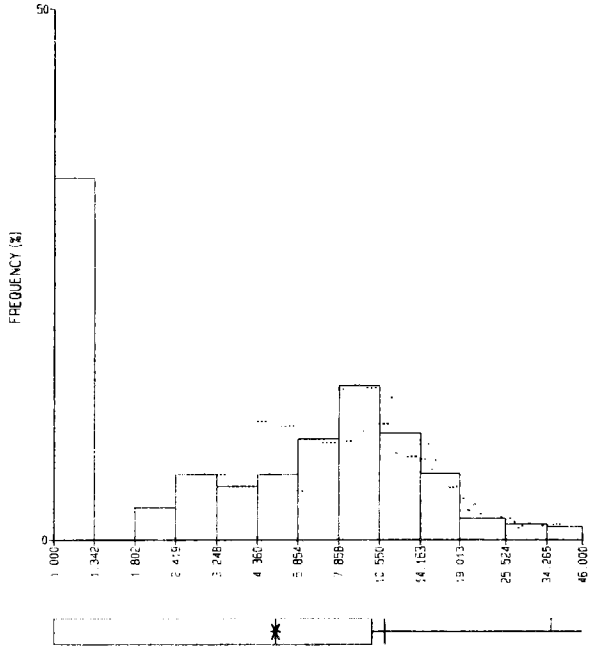
[Statistics]

N data	=	888
Min.	=	0.420
Max.	=	18.680
Mean	=	4.269
Var.	=	0.061(log10)
Std.	=	0.247(log10)
Mean+2sd	=	13.293

[EDA]

L.Fence	=	1.600
L.Hinge	=	2.890
L.Whisker	=	3.490
Median	=	4.770
U.Whisker	=	5.870
U.Hinge	=	6.230
U.Fence	=	12.804





As

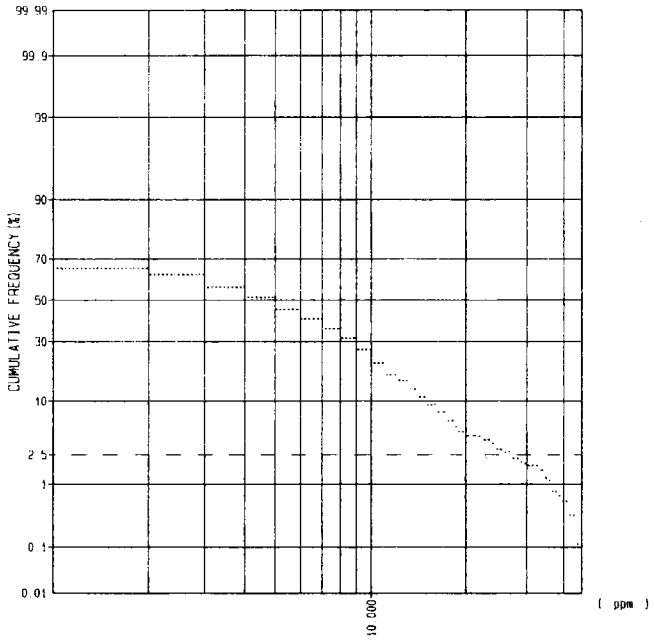
(ppm)

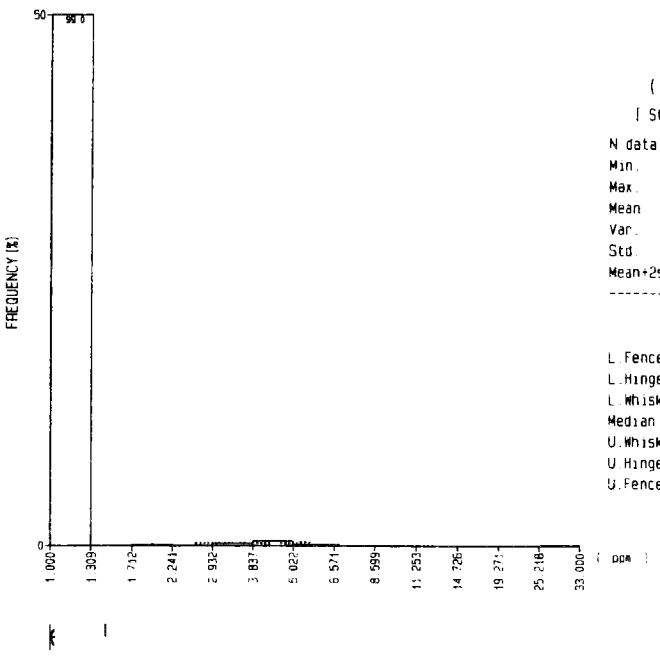
[Statistics]

N data	=	888
Min.	=	1.000
Max	=	46.000
Mean	=	3.853
Var	=	0.234(log10)
Std.	=	0.483(log10)
Mean+2sd	=	35.688

[EDA]

L.Fence	=	0.032
L.Hinge	=	1.000
L.Whisker	=	1.000
Median	=	5.000
U.Whisker	=	10.000
U.Hinge	=	11.000
U.Fence	=	316.228





Sb

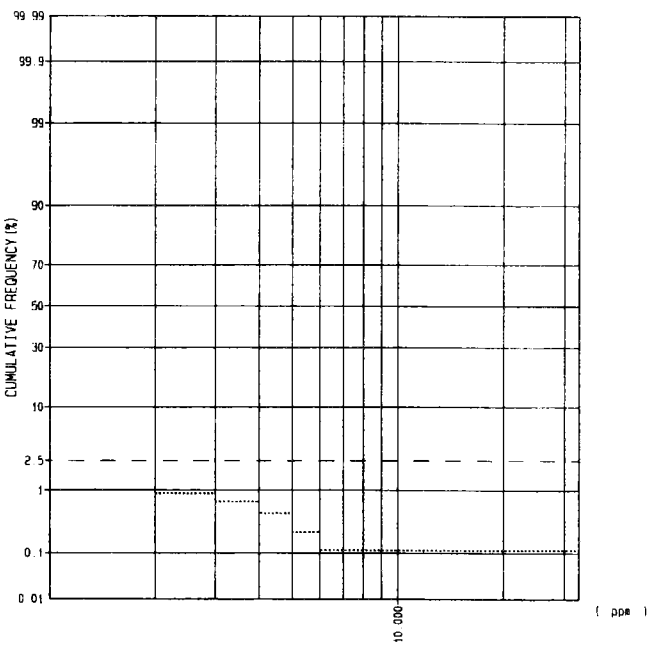
(ppm)

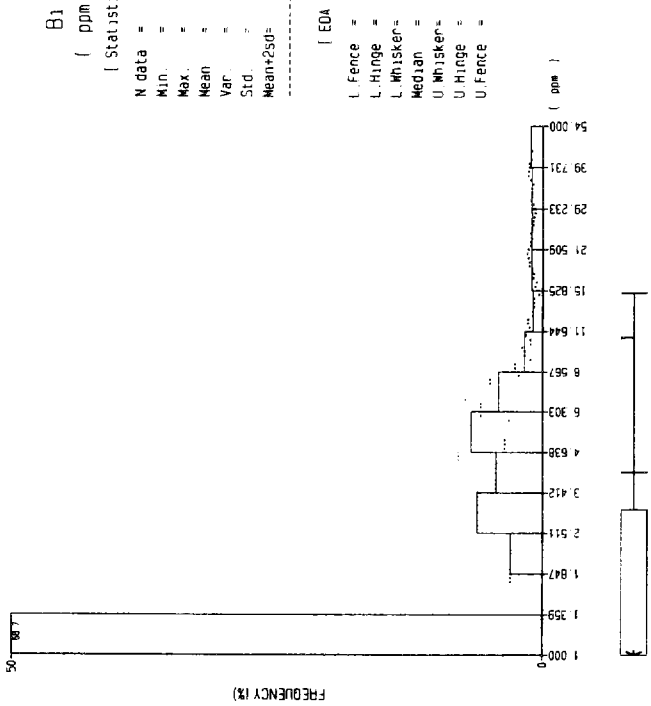
[Statistics]

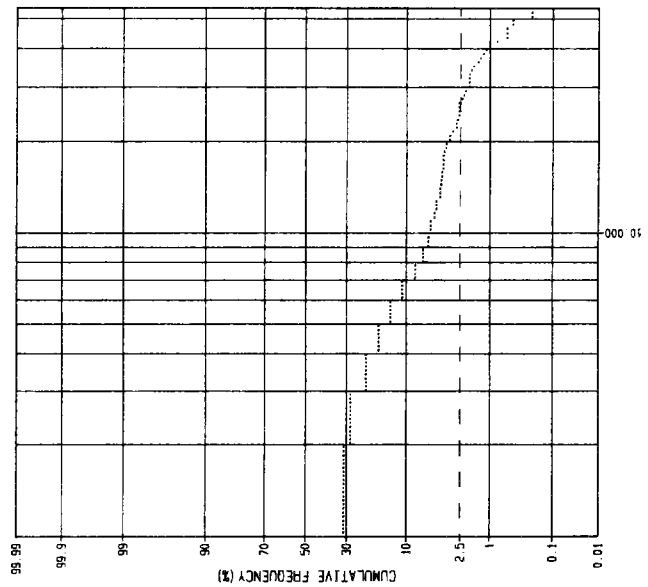
N data	=	888
Min.	=	1.000
Max.	=	33.000
Mean	=	1.016
Var.	=	0.006(log10)
Std.	=	0.076(log10)
Mean+2sd	=	1.442

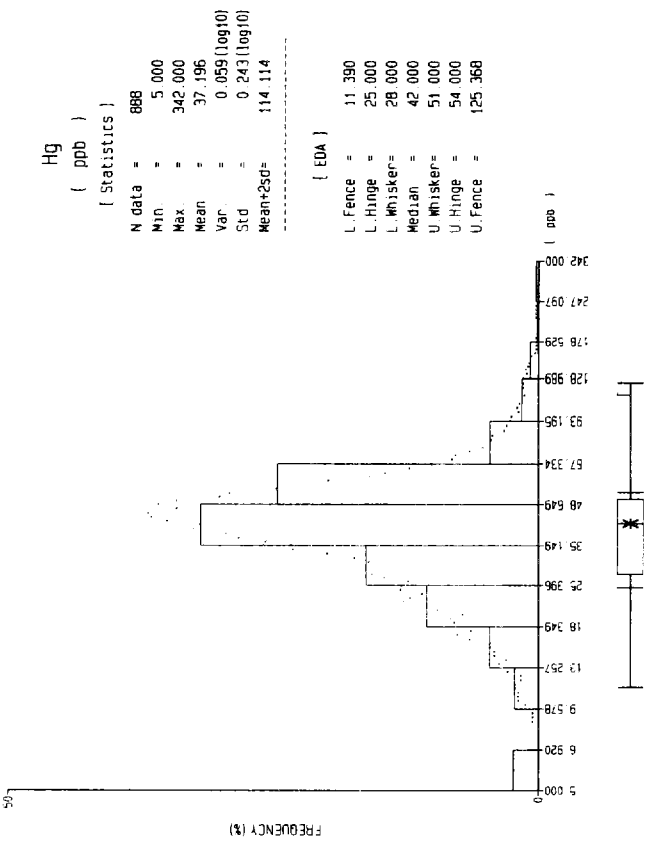
[EDA]

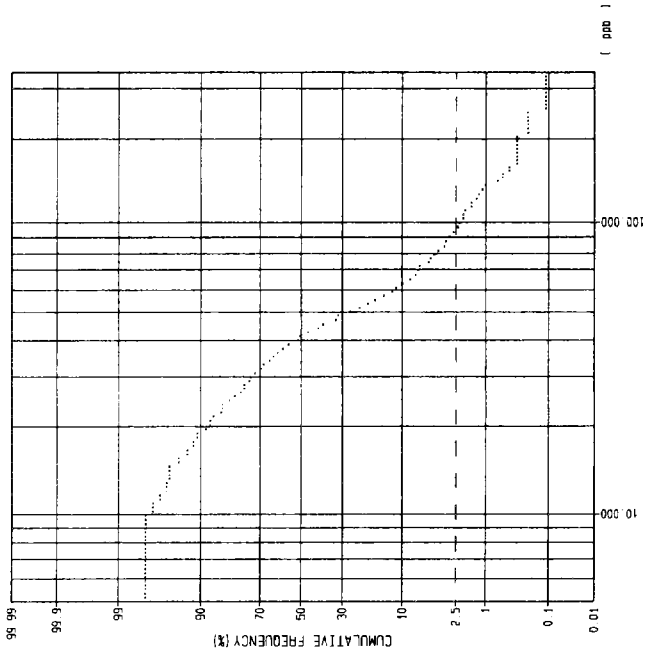
L.Fence	=	1.000
L.Hinge	=	1.000
L.Whisker	=	1.000
Median	=	1.000
U.Whisker	=	1.000
U.Hinge	=	1.000
U.Fence	=	1.000

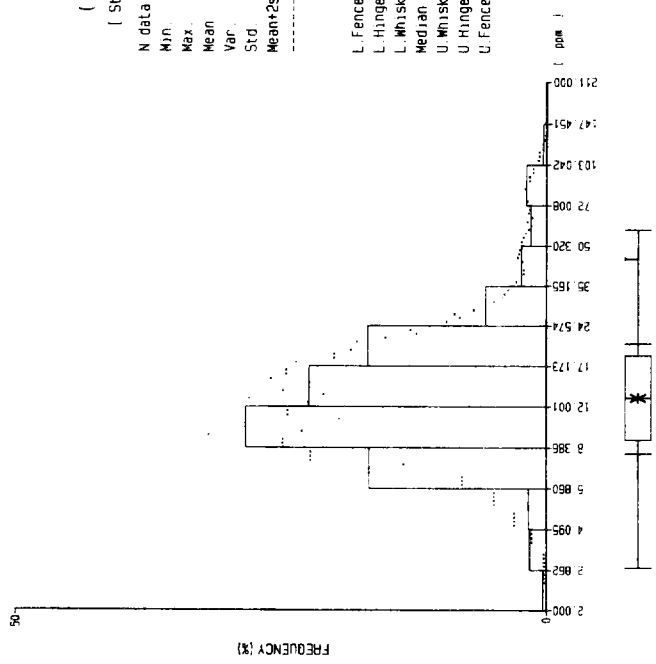


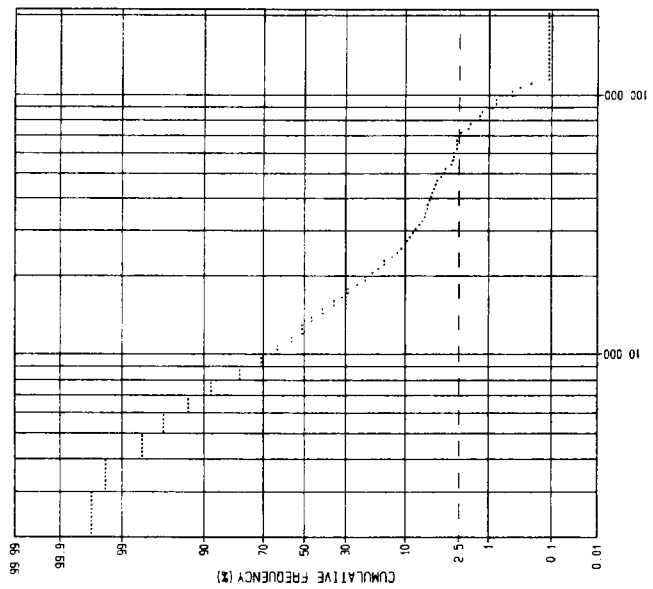

Bi
(ppm)
[Statistics]
N data = 888
Min. = 1.000
Max. = 54.000
Mean = 1.735
Var. = 0.163 (log10)
Std. = 0.404 (log10)
Mean+2sd= 11.158
[EDA]
L.Fence = 0.192
L.Hinge = 1.000
L.Whisker= 1.000
Median = 1.000
U.Whisker= 3.000
U.Hinge = 4.000
U.Fence = 15.588
(ppm)
FREQUENCY (%)

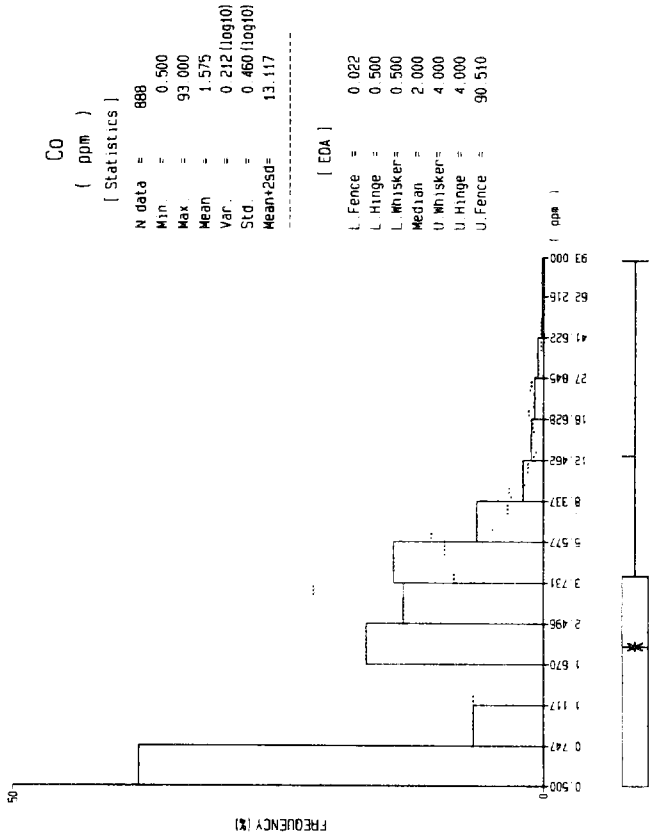

(ppm)
CUMULATIVE FREQUENCY (%)

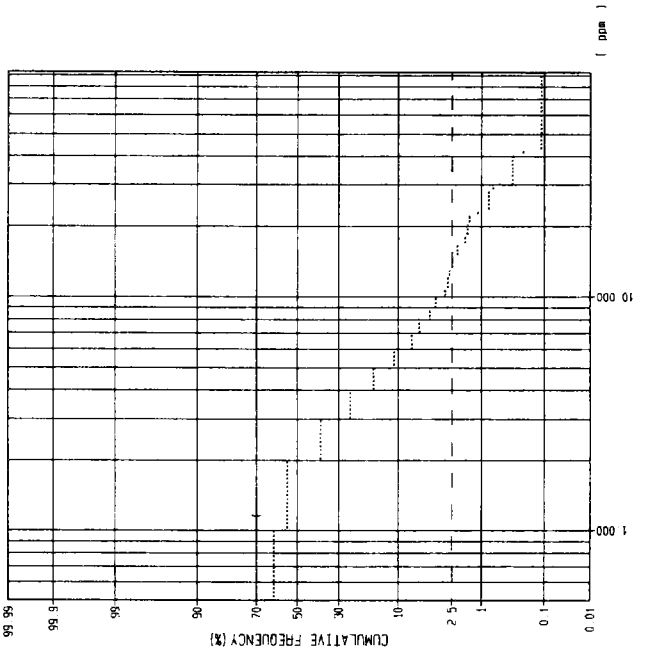

Hg
(ppb)
[Statistics]
N data = 888
Min. = 5.000
Max. = 342.000
Mean = 37.196
Var. = 0.059 (log10)
Std. = 0.243 (log10)
Mean+2sd= 114.114
[EDA]
L.Fence = 11.390
L.Hinge = 25.000
L.Whisker= 28.000
Median = 42.000
U.Whisker= 51.000
U.Hinge = 54.000
U.Fence = 125.368
(ppb)
FREQUENCY (%)

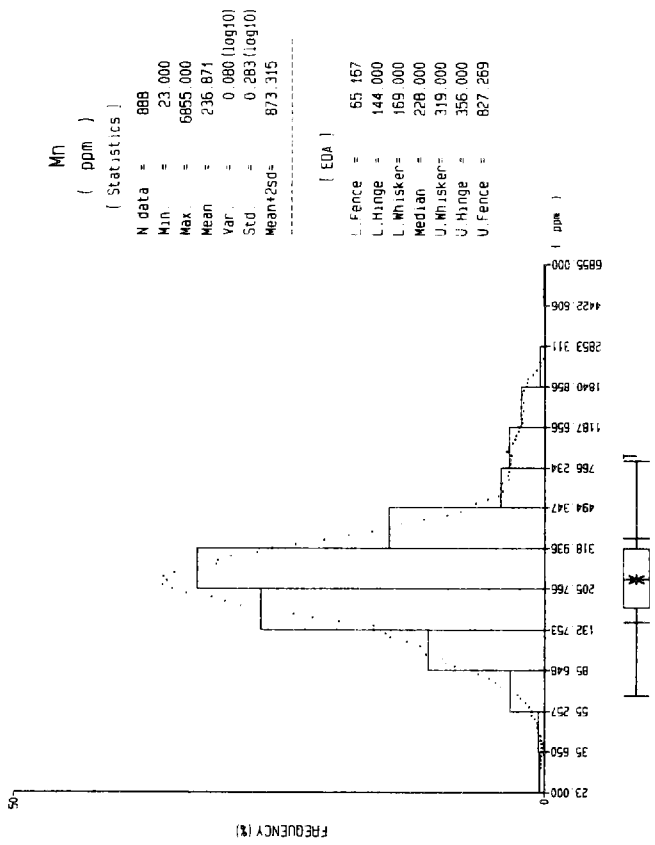

(ppb)
CUMULATIVE FREQUENCY (%)

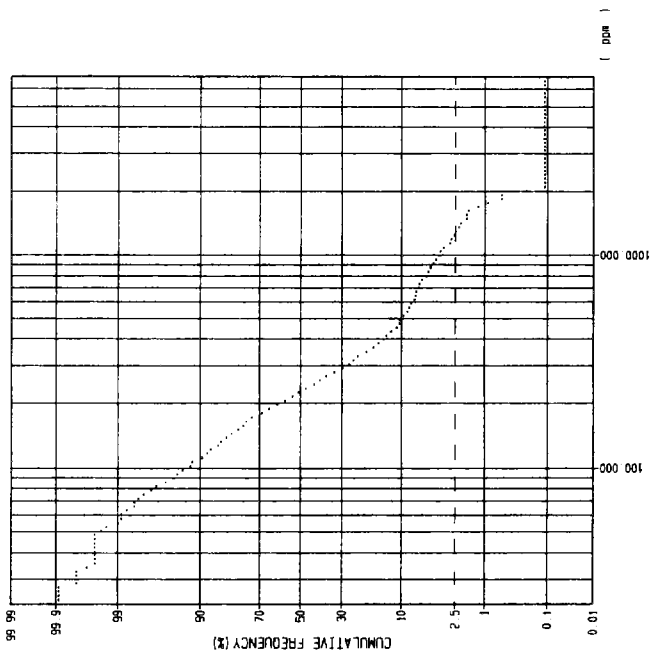

Ni
(ppm)
[Statistics]
N data = 888
Min = 2.000
Max = 211.000
Mean = 13.500
Var = 0.068(log10)
Std = 0.261(log10)
Mean+2sd= 44.907
[EDA]
L.Fence = 2.934
L.Hinge = 8.000
L.Whisker= 9.000
Median = 13.000
U.Whisker= 19.000
U.Hinge = 21.000
U.Fence = 58.280
FREQUENCY (%)
(ppm)

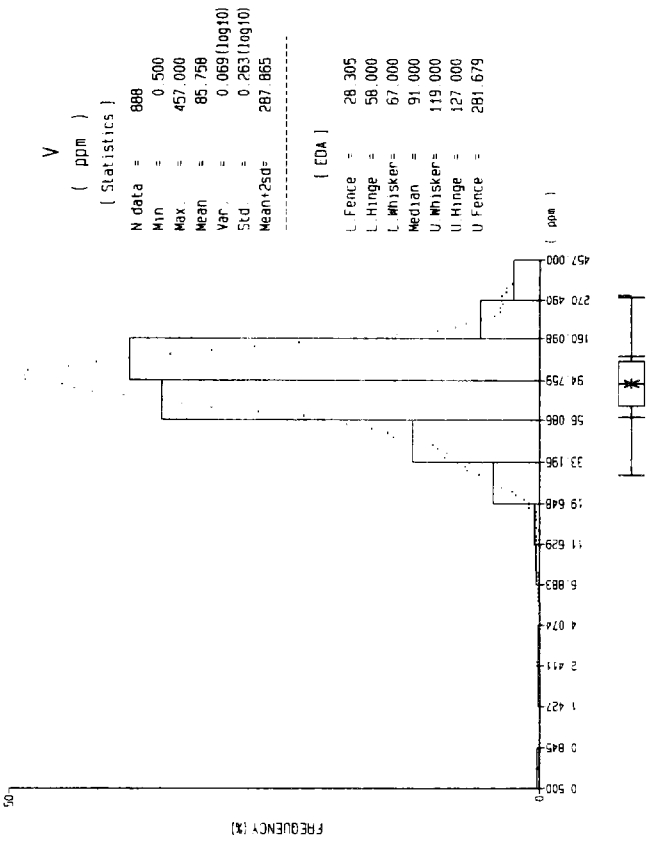

CUMULATIVE FREQUENCY (%)
(ppm)

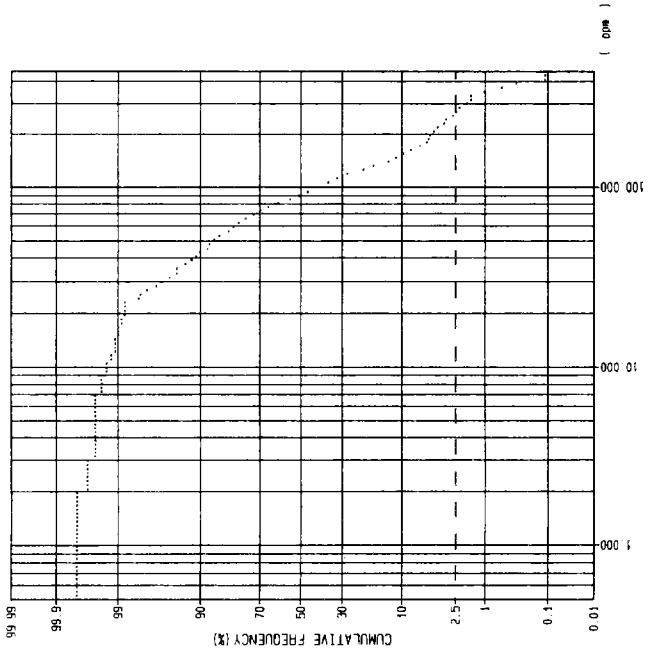

Co
(ppm)
[Statistics]
N data = 888
Min = 0.500
Max = 93.000
Mean = 1.575
Var = 0.212(log10)
Std = 0.460(log10)
Mean+2sd= 13.117
[EDA]
L.Fence = 0.022
L.Hinge = 0.500
L.Whisker= 0.500
Median = 2.000
U.Whisker= 4.000
U.Hinge = 4.000
U.Fence = 90.510
FREQUENCY (%)
(ppm)

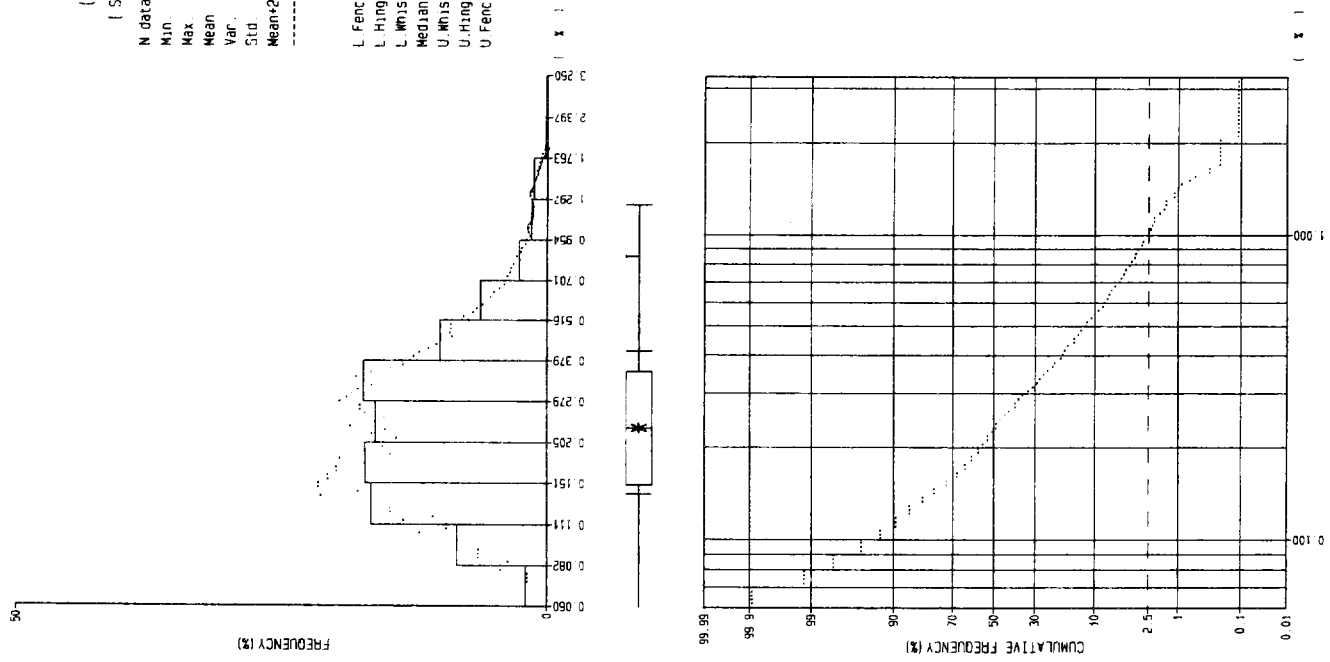

CUMULATIVE FREQUENCY (%)
(ppm)

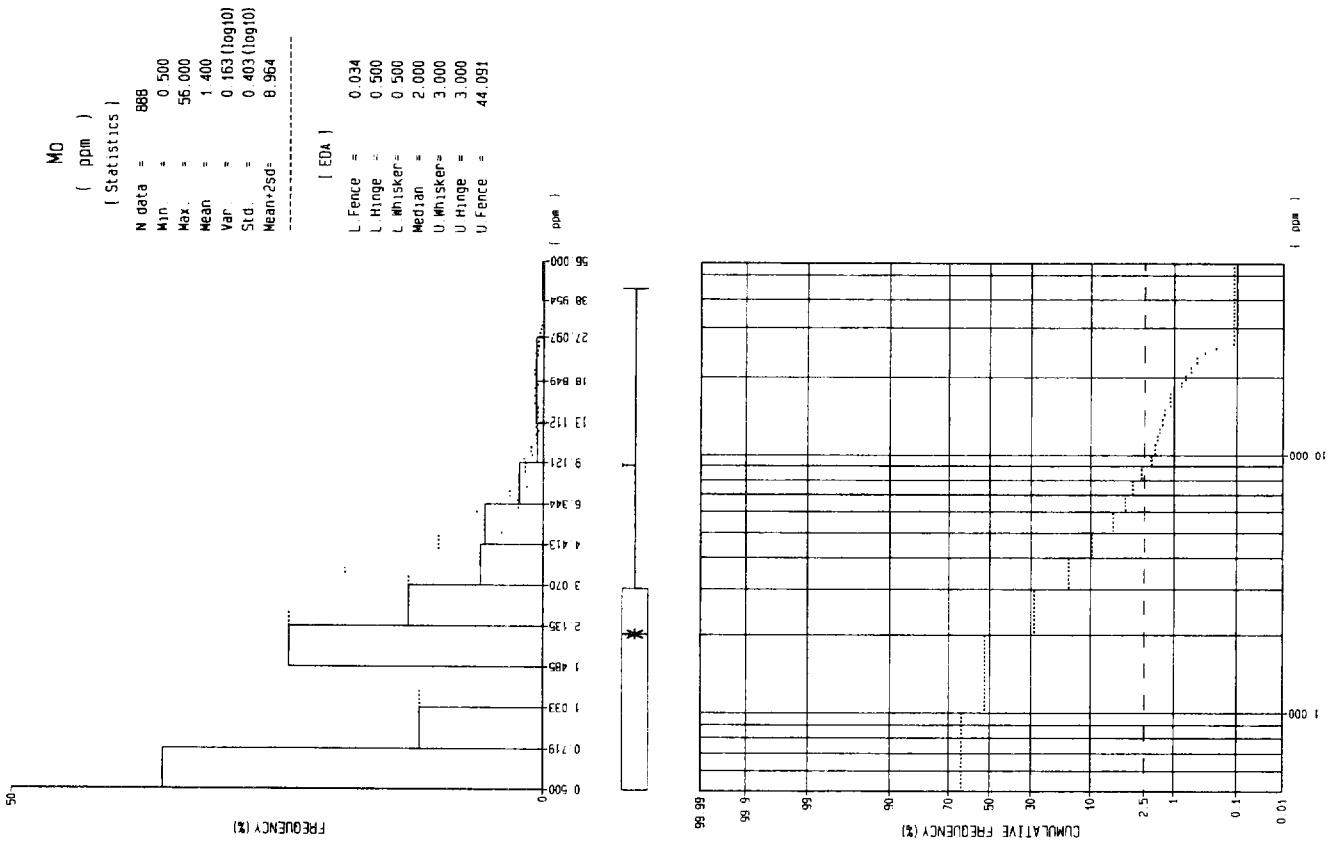

Mn
(ppm)
[Statistics]
N data = 888
Min = 23.000
Max = 6855.000
Mean = 236.871
Var. = 0.080(log10)
Std. = 0.283(log10)
Mean+2sd= 873.315
[EDA]
L.Fence = 55.167
L.Hinge = 144.000
L.Whisker= 169.000
Median = 228.000
U.Whisker= 319.000
U.Hinge = 356.000
U.Fence = 827.269
(ppm)
6855.000
4422.606
2853.311
1840.856
1187.656
766.234
494.347
318.936
205.766
132.753
85.648
55.257
35.650
23.000
50
0
FREQUENCY (%)

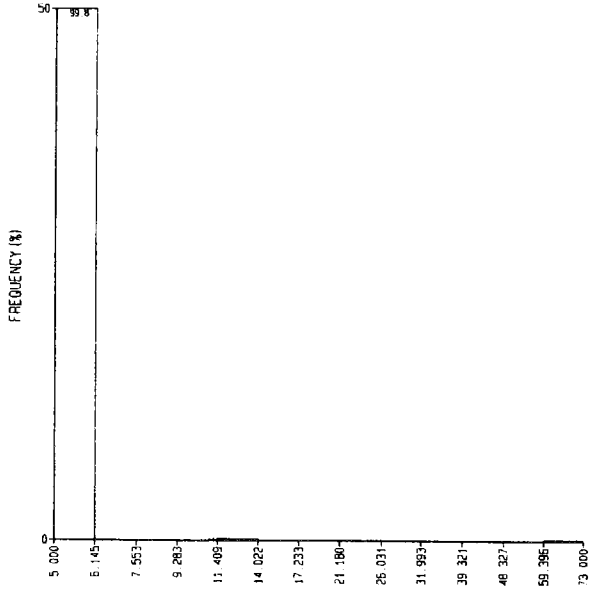

(ppm)
1000.000
100.000
99.99
99.9
99
90
70
50
30
10
2.5
1
0.1
0.01
CUMULATIVE FREQUENCY (%)


V
(ppm)
[Statistics]
N data = 888
Min = 0.500
Max = 457.000
Mean = 85.758
Var. = 0.069(log10)
Std. = 0.263(log10)
Mean+2sd= 287.865
[EDA]
L.Fence = 28.305
L.Hinge = 58.000
L.Whisker= 67.000
Median = 91.000
U.Whisker= 119.000
U.Hinge = 127.000
U.Fence = 281.679
(ppm)
457.000
270.490
160.098
94.759
56.086
33.196
19.648
11.629
6.883
4.074
2.411
1.427
0.845
0.500
50
0
FREQUENCY (%)


(ppm)
100.000
10.000
1.000
99.99
99.9
99
90
70
50
30
10
2.5
1
0.1
0.01
CUMULATIVE FREQUENCY (%)


K
(%)
[Statistics]
N data = 888
Min. = 0.060
Max. = 3.260
Mean = 0.241
Var. = 0.075(log10)
Std. = 0.273(log10)
Mean+2sd= 0.846
[EDA]
L.Fence = 0.042
L.Hinge = 0.140
L.Whisker= 0.150
Median = 0.230
U.Whisker= 0.350
U.Hinge = 0.410
U.Fence = 1.247
FREQUENCY (%)
CUMULATIVE FREQUENCY (%)


MD
(ppm)
[Statistics]
N data = 888
Min. = 0.500
Max. = 56.000
Mean = 1.400
Var. = 0.163(log10)
Std. = 0.403(log10)
Mean+2sd= 8.964
[EDA]
L.Fence = 0.034
L.Hinge = 0.500
L.Whisker= 0.500
Median = 2.000
U.Whisker= 3.000
U.Hinge = 3.000
U.Fence = 44.091
FREQUENCY (%)
CUMULATIVE FREQUENCY (%)



W

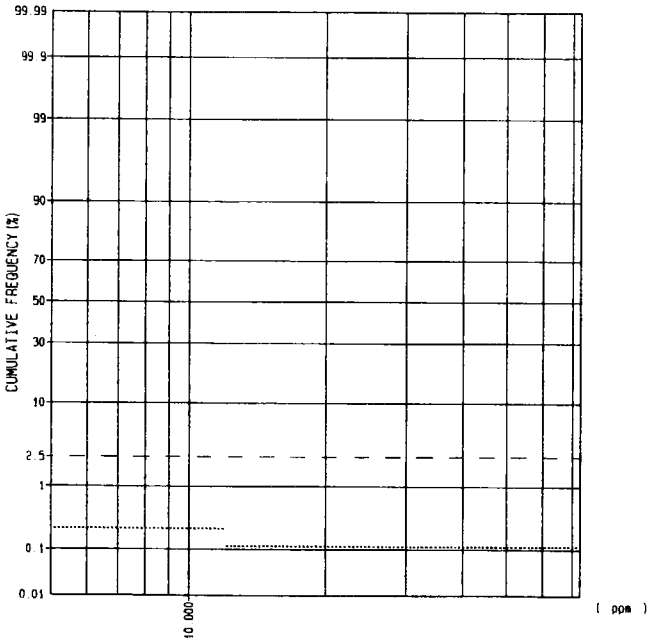
(ppm)

[Statistics]

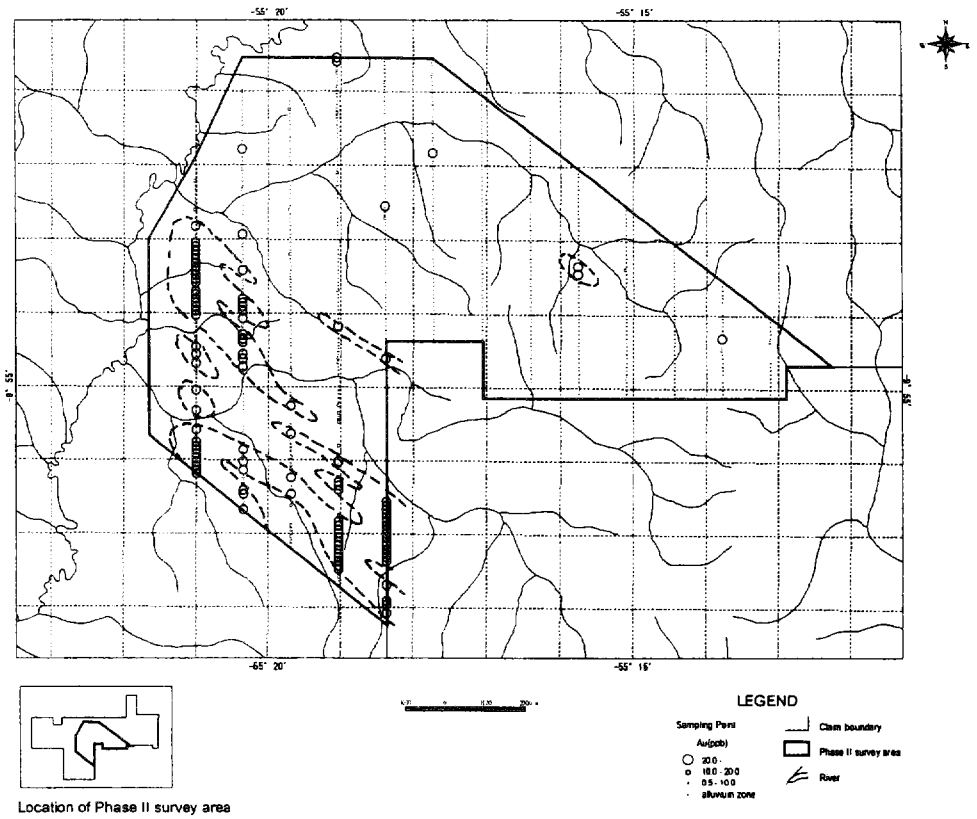
N data	=	888
Min.	=	5.000
Max.	=	73.000
Mean	=	5.020
Var.	=	0.002(log10)
Std.	=	0.041(log10)
Mean+2sd	=	6.066

[EDA]

L.Fence	=	5.000
L.Hinge	=	5.000
L.Whisker	=	5.000
Median	=	5.000
U.Whisker	=	5.000
U.Hinge	=	5.000
U.Fence	=	5.000

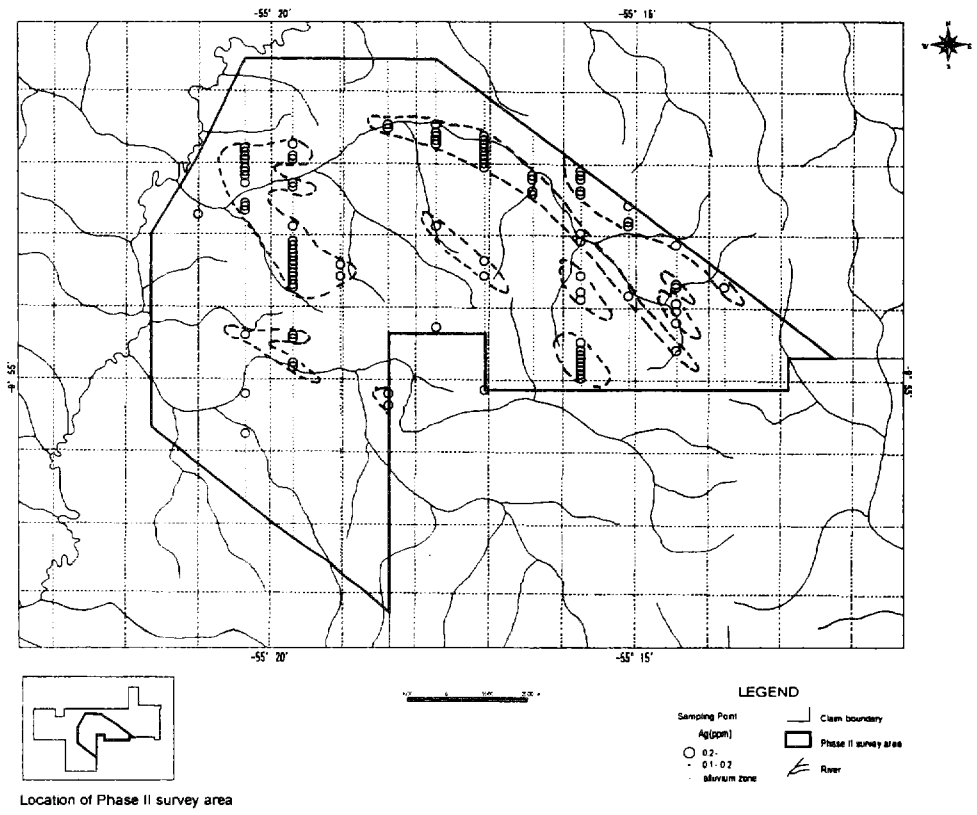


Appendix 39 Distribution map of elements in Block G



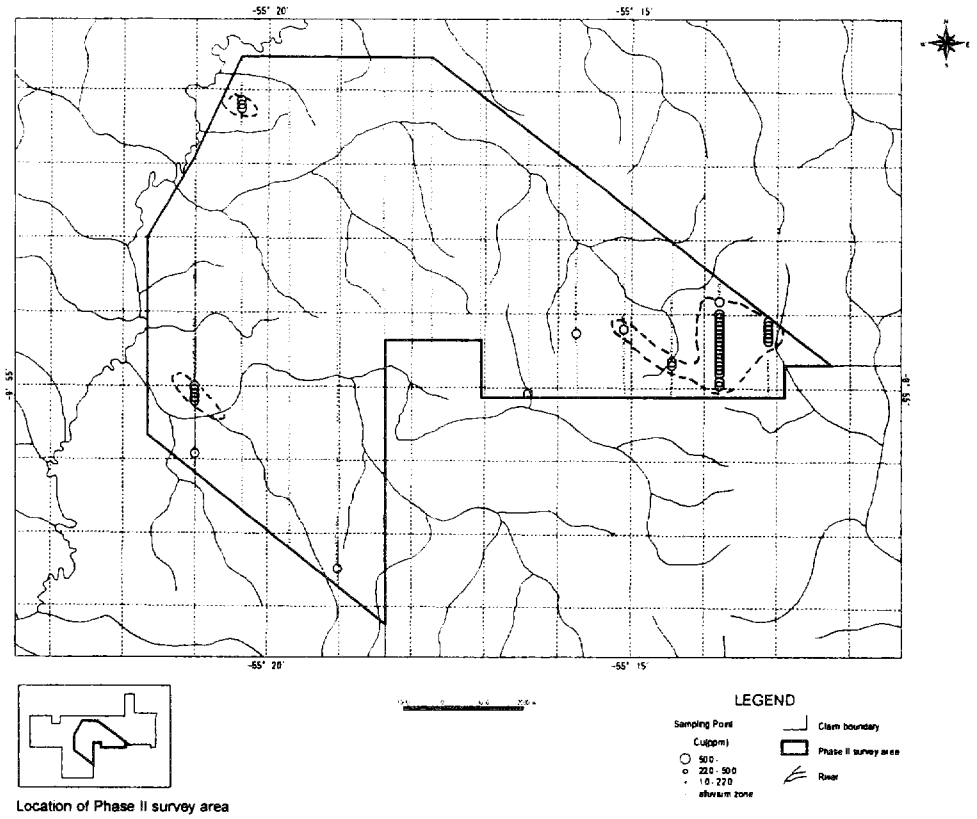
Location of Phase II survey area

Distribution map of Au anomalies in Block G

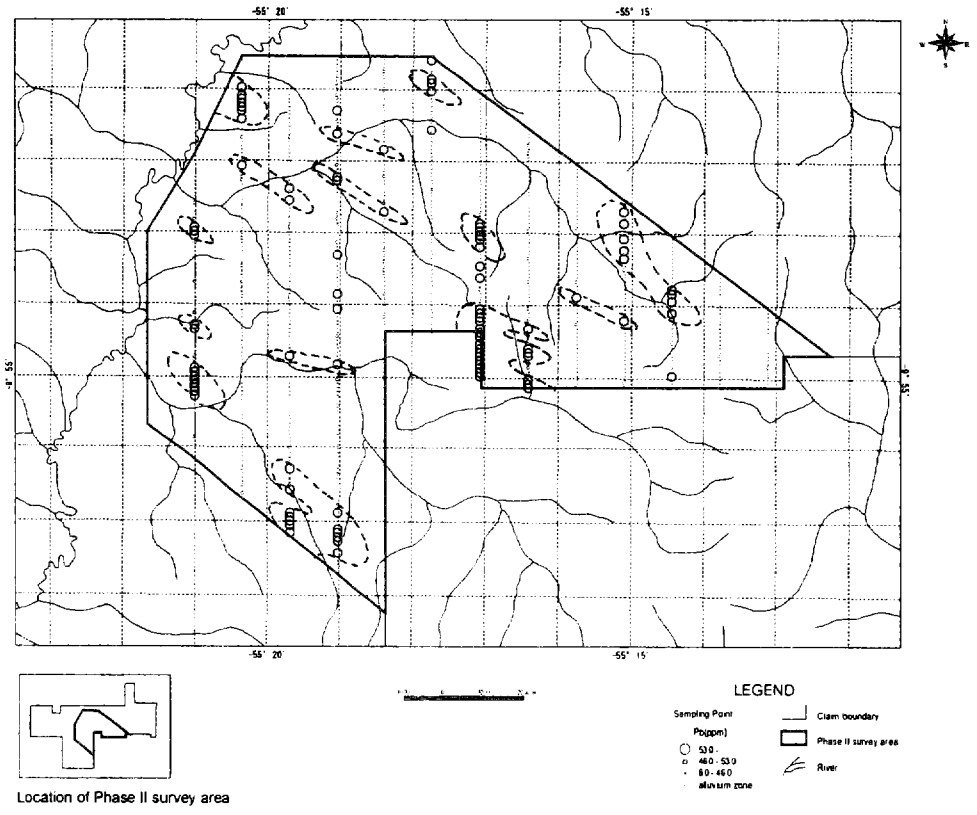


Location of Phase II survey area

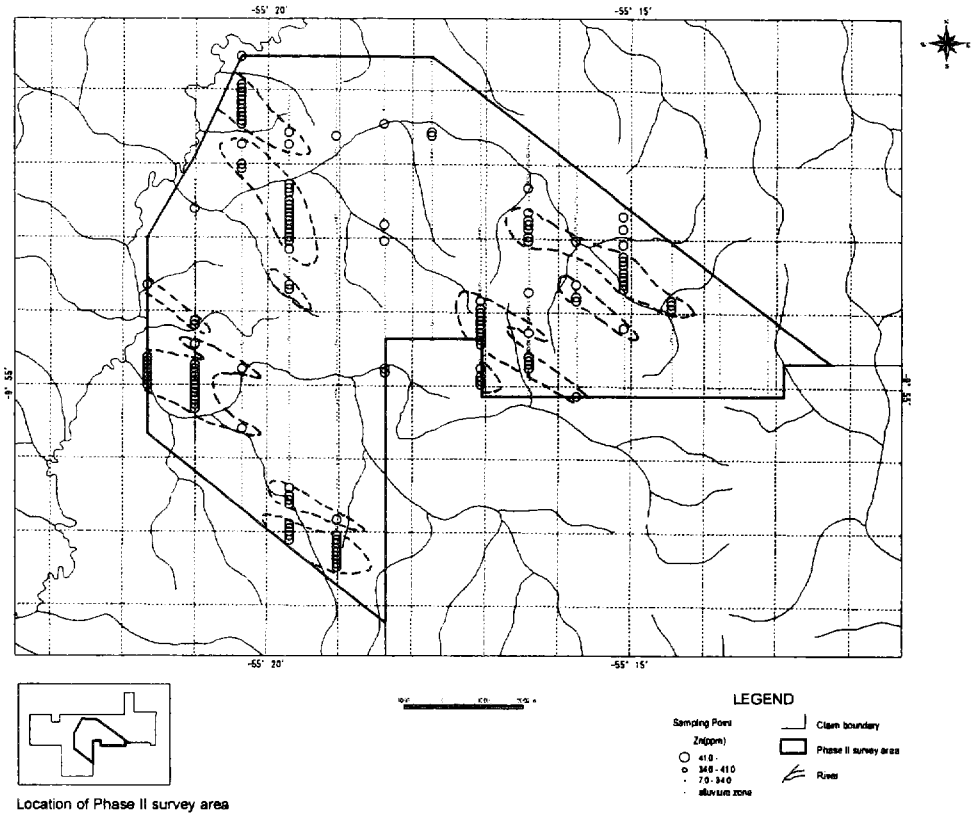
Distribution map of Ag anomalies in Block G



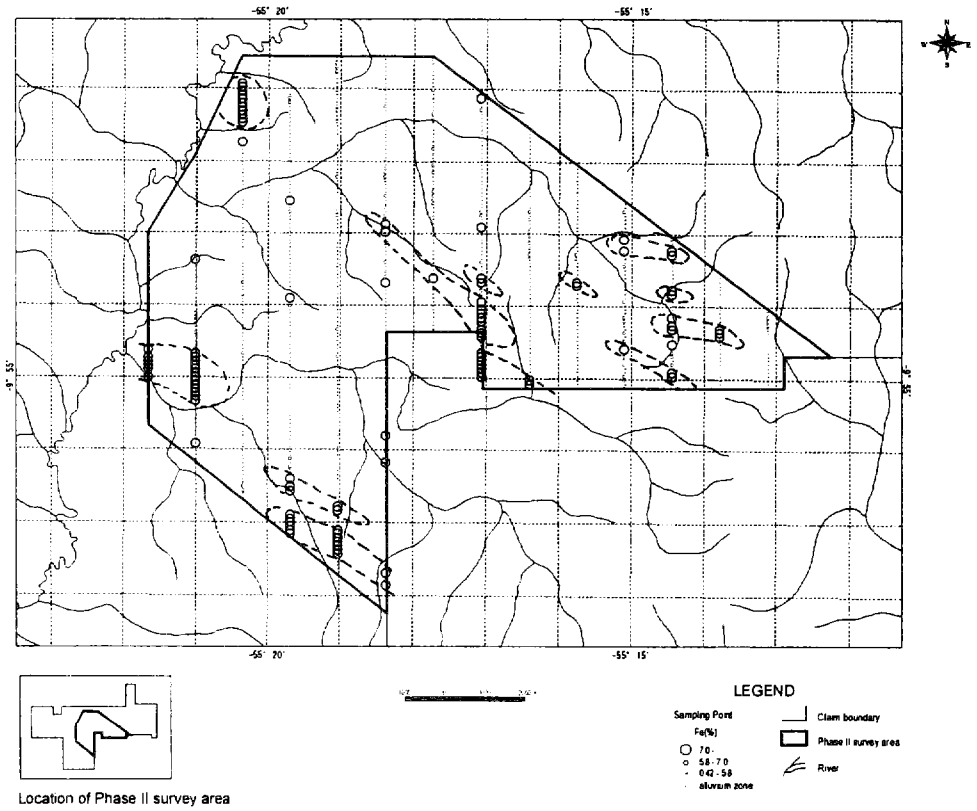
Distribution map of Cu anomalies in Block G



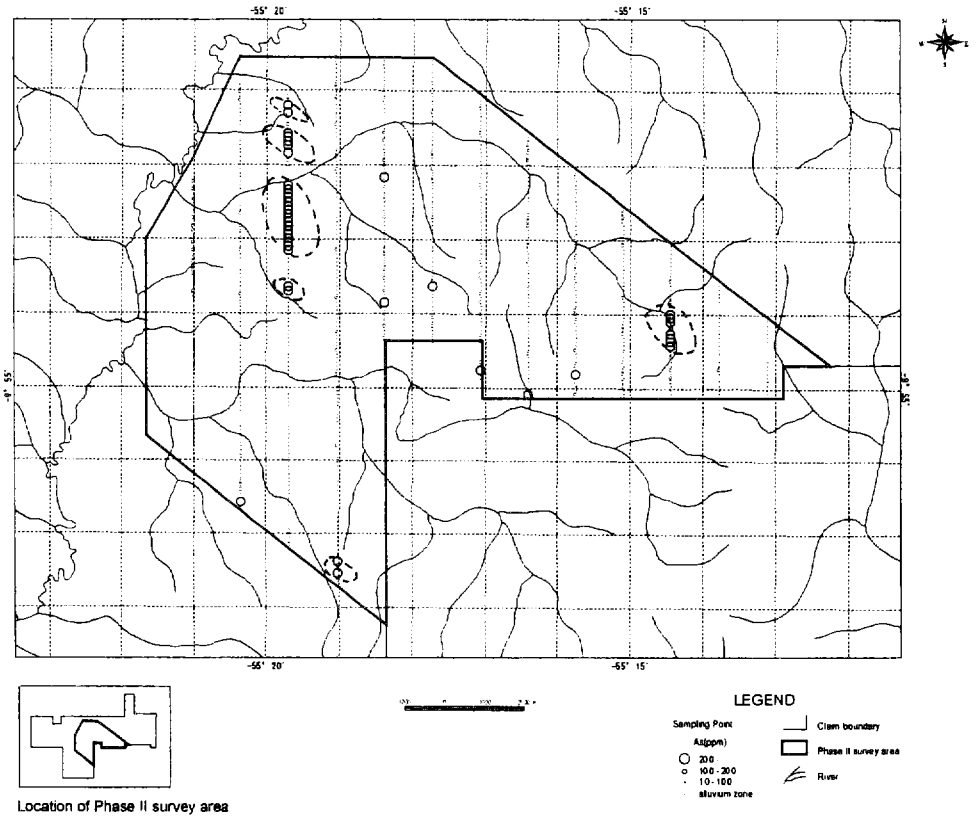
Distribution map of Pb anomalies in Block G



Distribution map of Zn anomalies in Block G

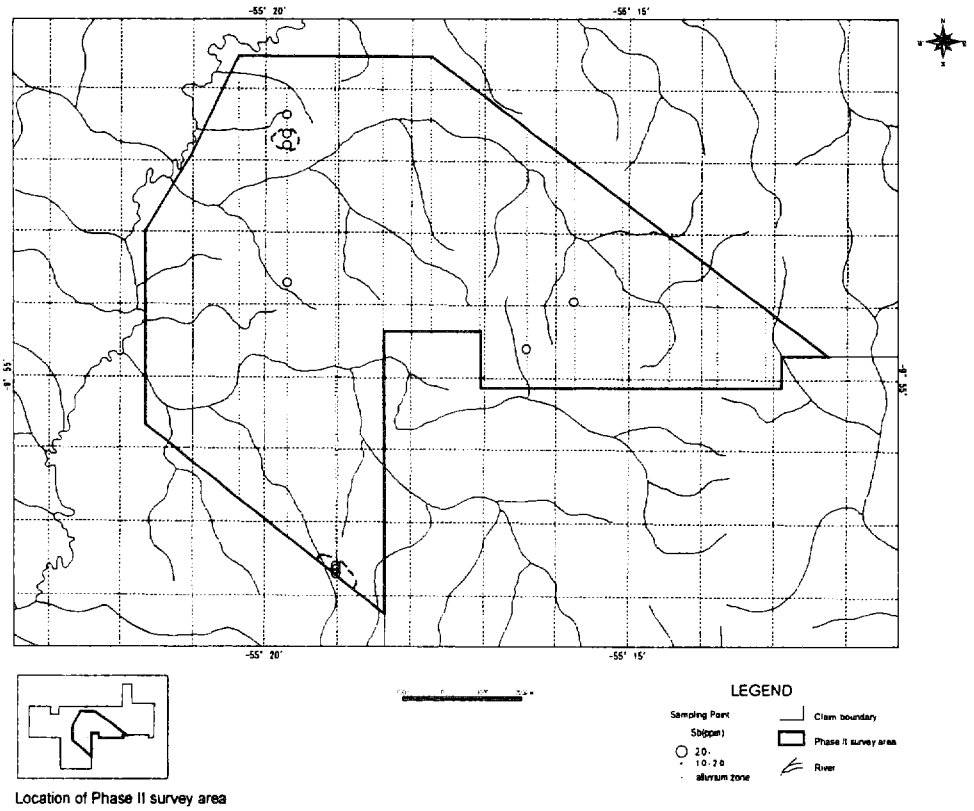


Distribution map of Fe anomalies in Block G



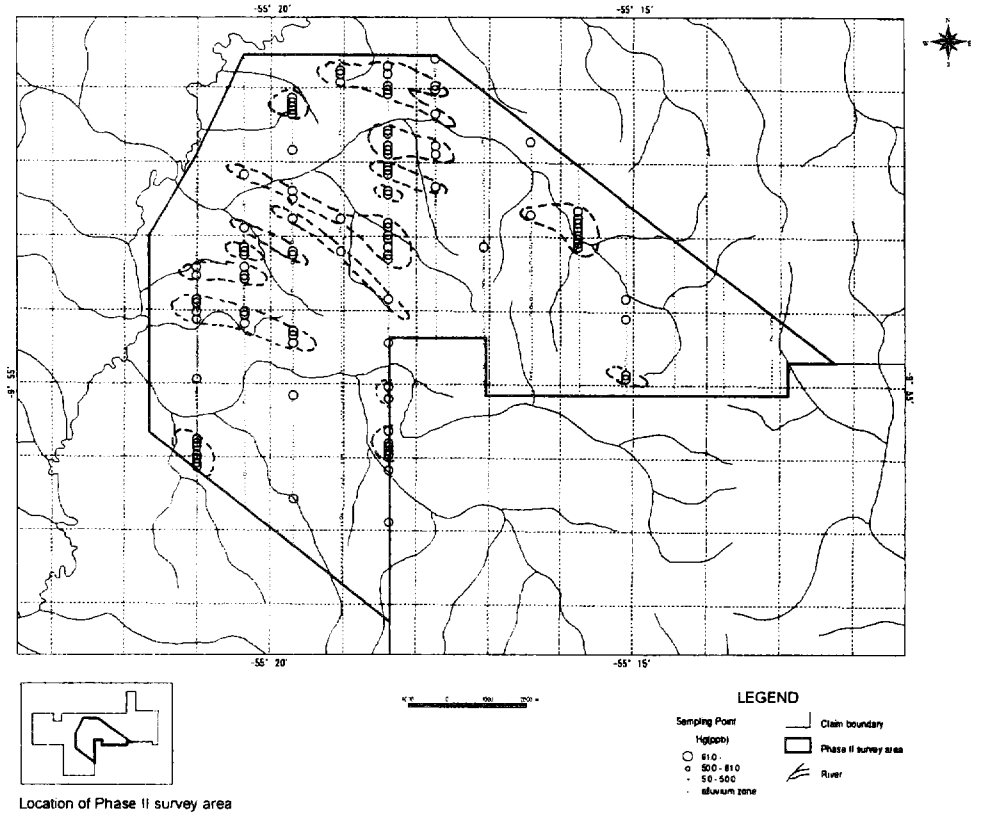
Location of Phase II survey area

Distribution map of As anomalies in Block G



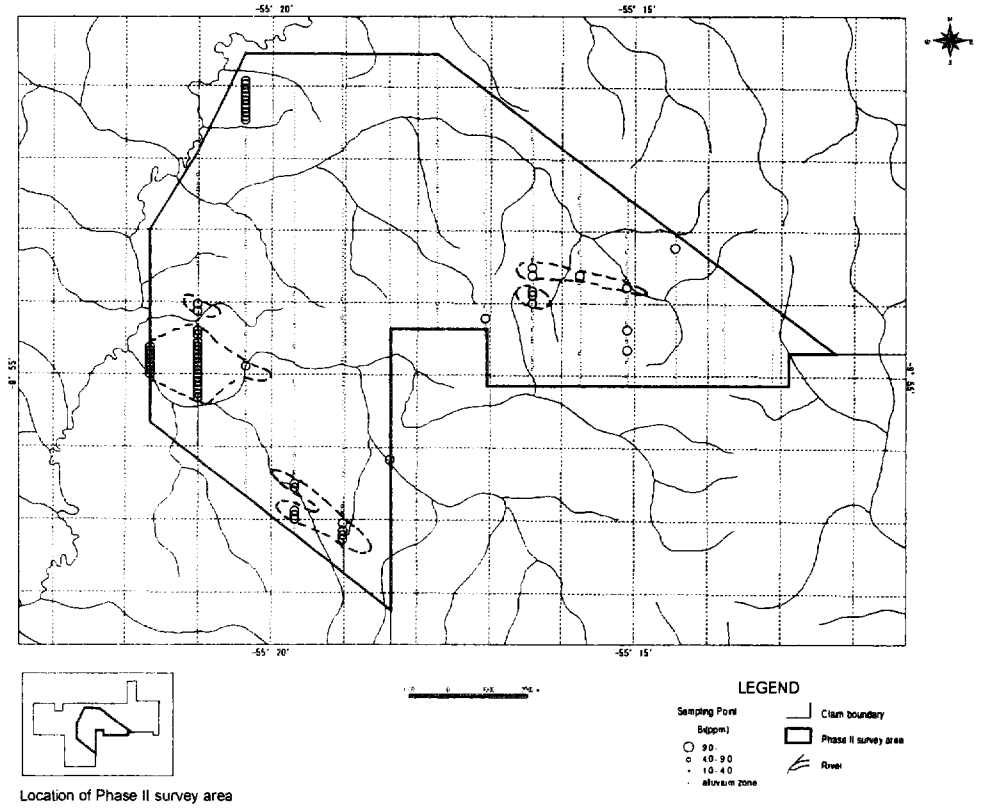
Location of Phase II survey area

Distribution map of Sb anomalies in Block G



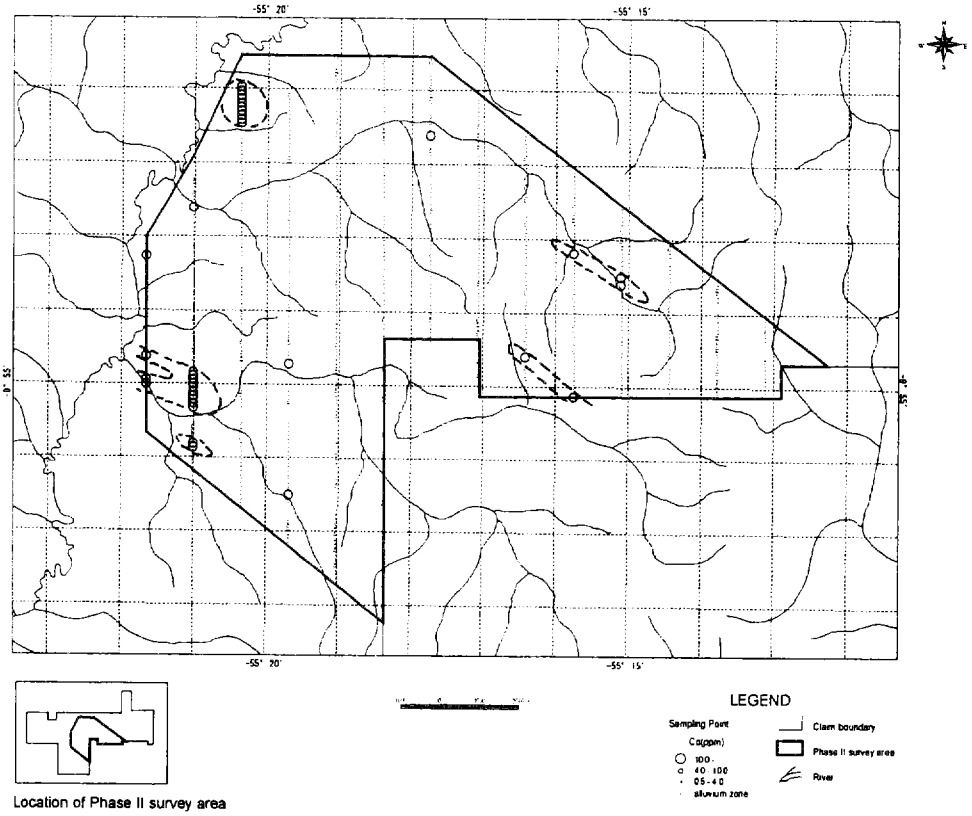
Location of Phase II survey area

Distribution map of Hg anomalies in Block G



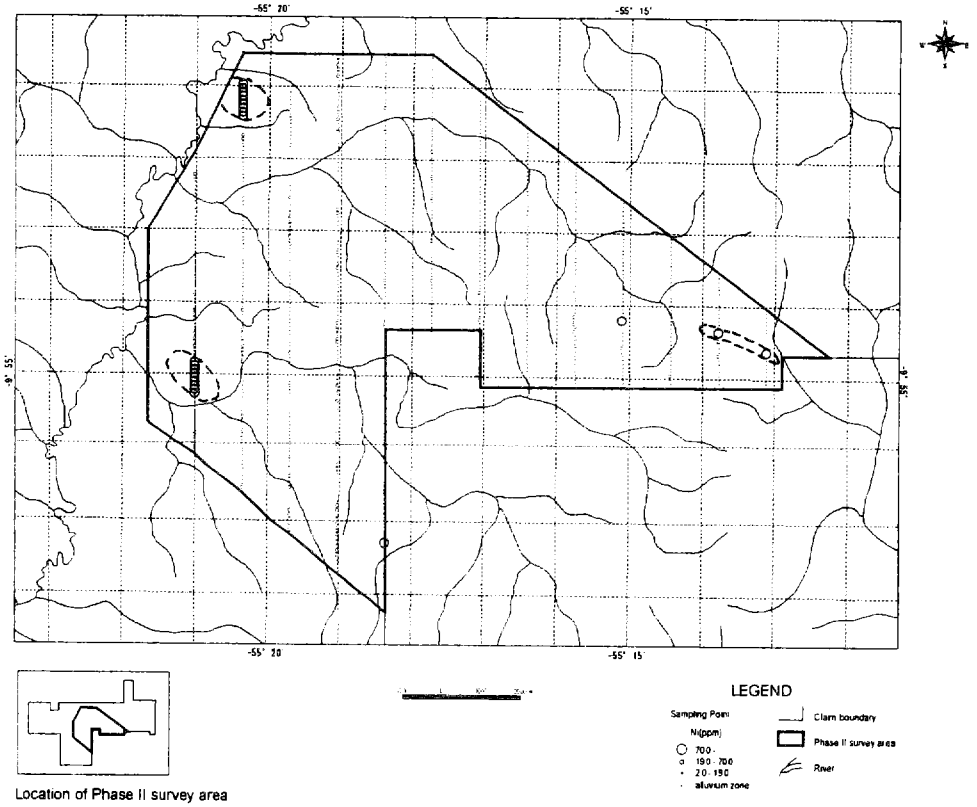
Location of Phase II survey area

Distribution map of Bi anomalies in Block G



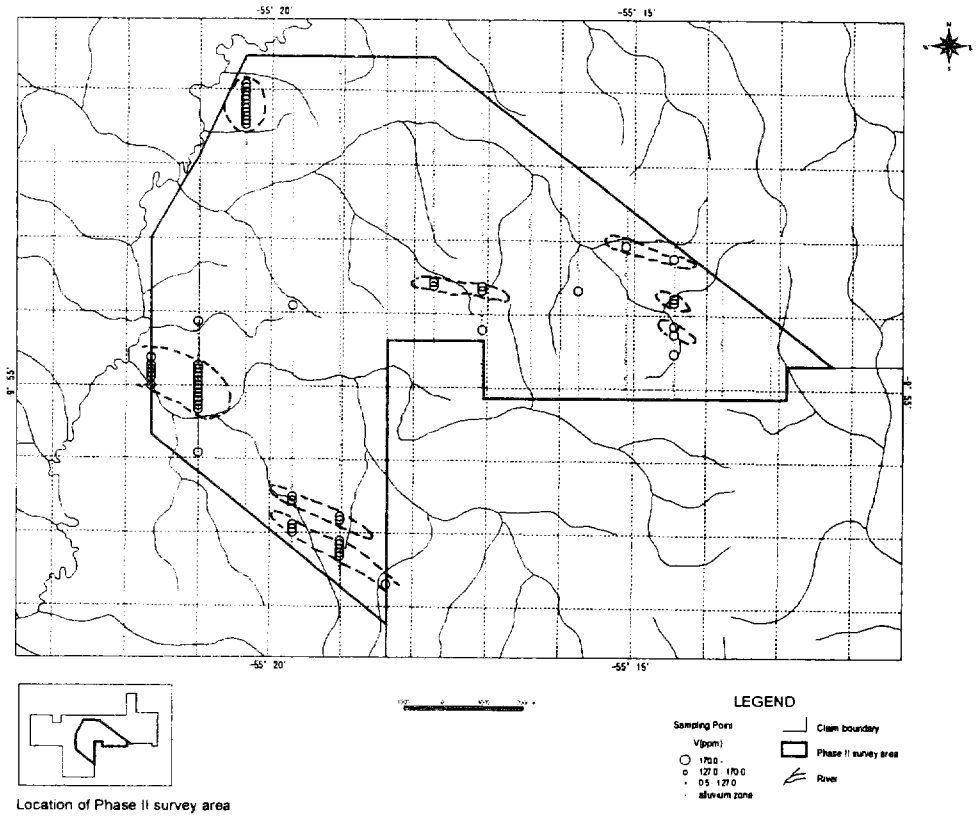
Location of Phase II survey area

Distribution map of Co anomalies in Block G

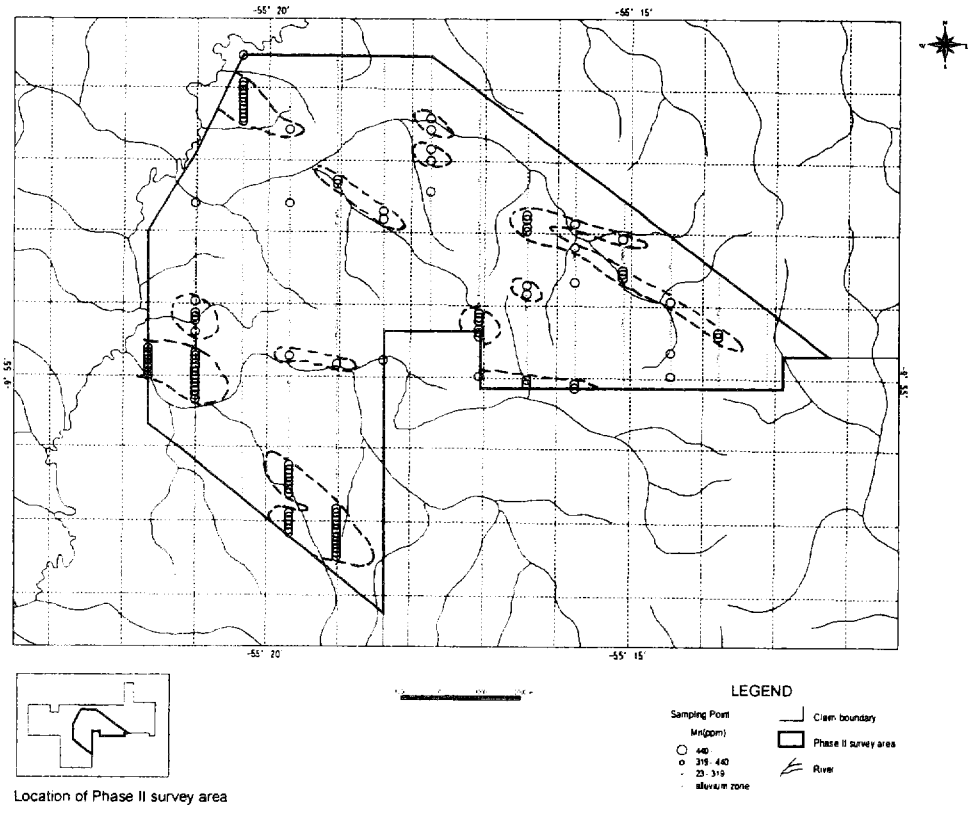


Location of Phase II survey area

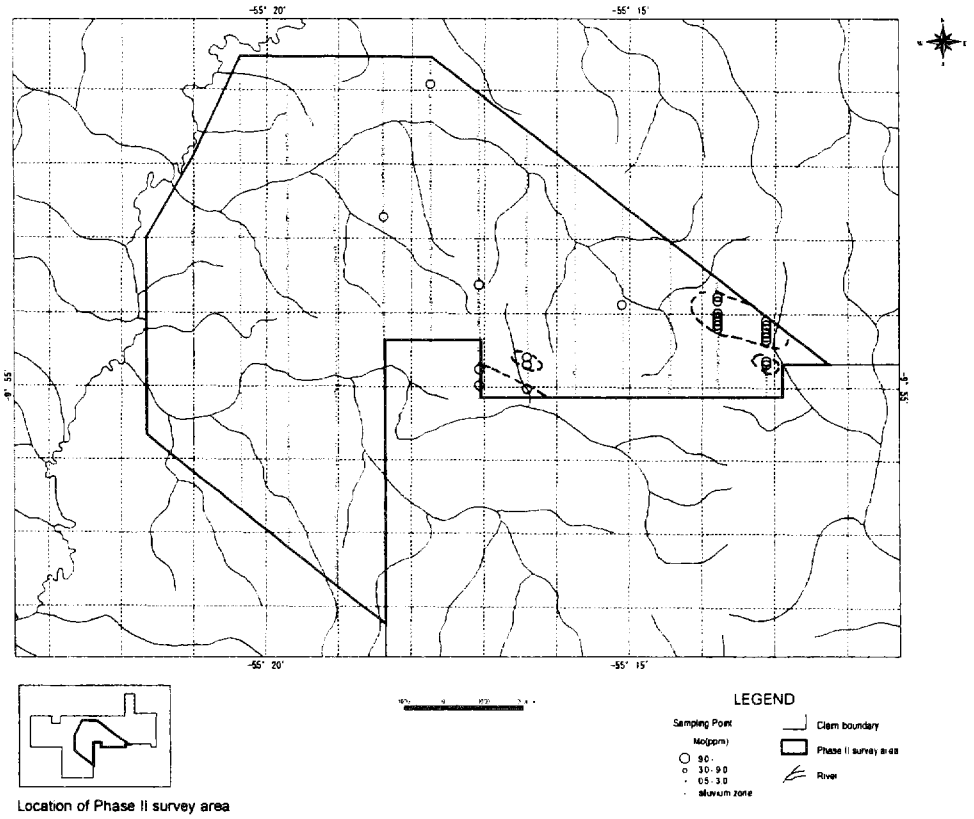
Distribution map of Ni anomalies in Block G



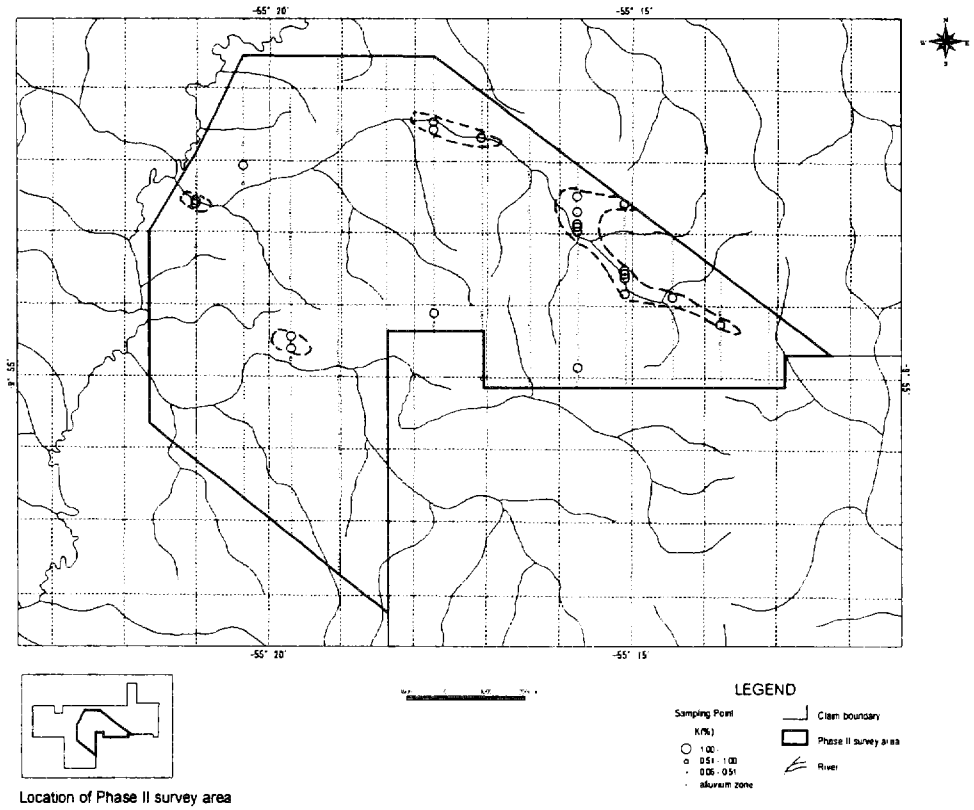
Distribution map of V anomalies in Block G



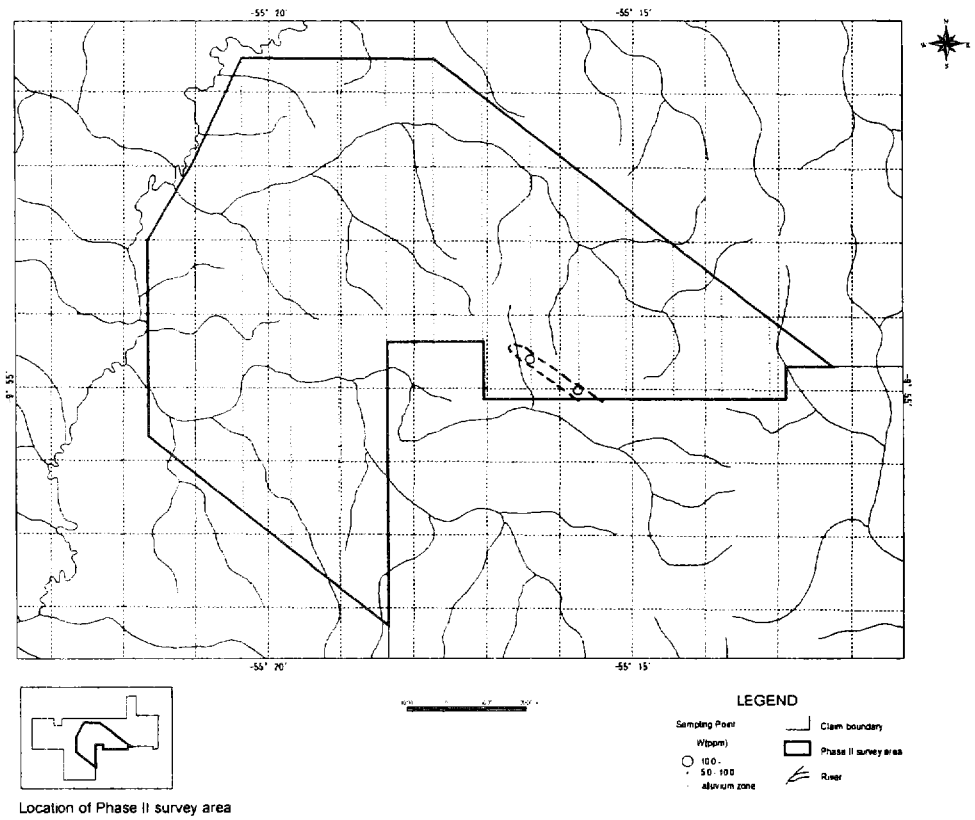
Distribution map of Mn anomalies in Block G



Distribution map of Mo anomalies in Block G



Distribution map of K anomalies in Block G



Distribution map of W anomalies in Block G