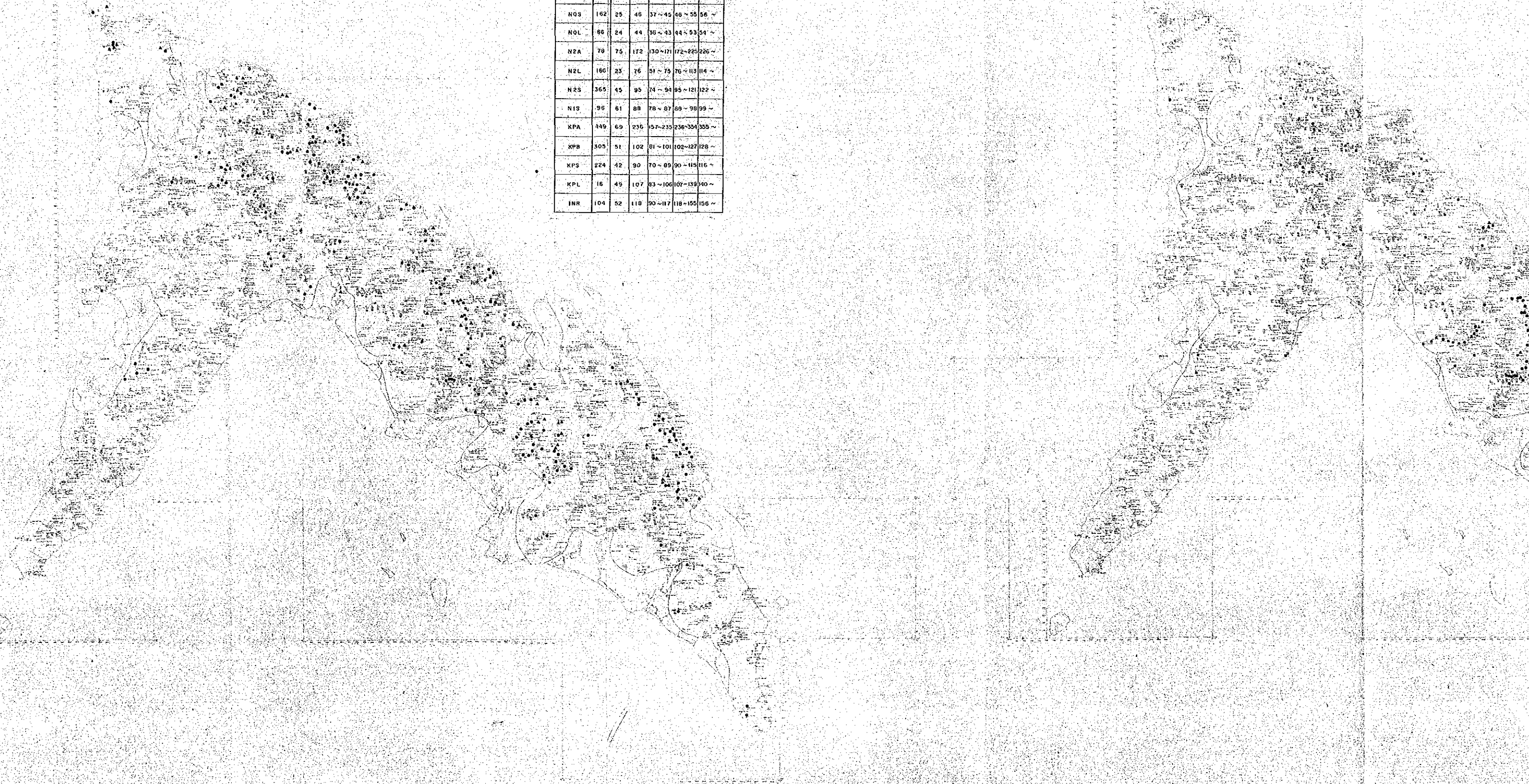


Cu

Pb

**Cu (ppm) Statistical Classification Table**

Lithological Code	No. of Samples	Mean Value	Standard Deviation	Anomaly		
				Low	High	Very High
R	166	39	101	74 ~ 100	101 ~ 130	139 ~
N09	162	25	46	37 ~ 42	46 ~ 55	56 ~
N0L	86	24	44	36 ~ 43	44 ~ 53	54 ~
N2A	78	75	172	130 ~ 171	172 ~ 225	226 ~
N2L	166	25	76	51 ~ 75	76 ~ 113	114 ~
N2S	365	45	93	74 ~ 94	95 ~ 121	122 ~
N1S	96	61	88	78 ~ 87	88 ~ 98	99 ~
KPA	449	69	235	157 ~ 235	236 ~ 354	355 ~
KPB	305	51	102	81 ~ 101	102 ~ 127	128 ~
KPS	224	42	90	70 ~ 89	90 ~ 115	116 ~
KPL	16	49	107	83 ~ 106	107 ~ 139	140 ~
INR	104	52	110	90 ~ 117	118 ~ 155	156 ~

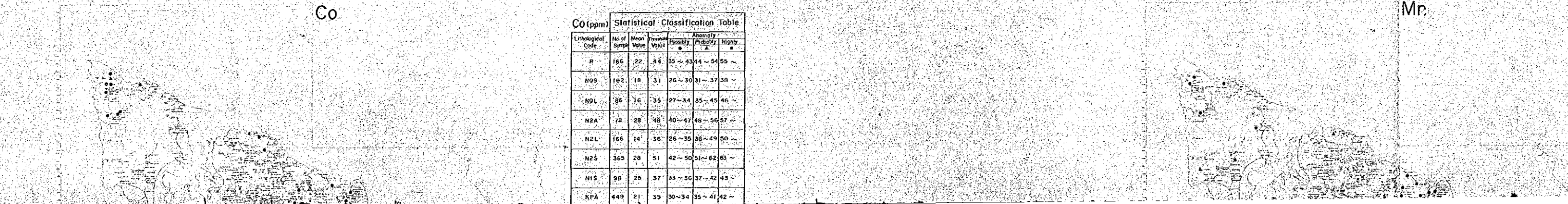


Co

Mn

**Co (ppm) Statistical Classification Table**

Lithological Code	No. of Samples	Mean Value	Standard Deviation	Anomaly		
				Low	High	Very High
R	166	22	44	35 ~ 43	44 ~ 54	55 ~
N09	162	18	31	26 ~ 30	31 ~ 37	38 ~
N0L	86	16	35	27 ~ 34	35 ~ 45	46 ~
N2A	78	29	48	40 ~ 47	48 ~ 56	57 ~
N2L	166	14	36	26 ~ 35	36 ~ 49	50 ~
N2S	365	29	51	42 ~ 50	51 ~ 62	63 ~
N1S	96	25	37	33 ~ 36	37 ~ 42	43 ~
KPA	449	21	35	30 ~ 34	35 ~ 41	42 ~



Pb

Lithological Code	No of Sample	Mean Value	Standard Deviation	Anomaly		
				Possibly	Probably	Highly
R	166	5.0	5.9	5.6 ~ 5.8	5.9 ~ 6.1	6.2 ~
NOS	162	5.0	5.7	5.4 ~ 5.6	5.7 ~ 5.8	5.9 ~
NOL	86	5.1	6.3	5.5 ~ 6.2	6.3 ~ 6.6	6.7 ~
N2A	78	5.0	5.9	5.6 ~ 5.8	5.9 ~ 6.1	6.2 ~
N2L	166	5.4	9.6	7.9 ~ 9.3	9.6 ~ 11.4	11.5 ~
N2S	365	5.0	5.9	5.6 ~ 5.8	5.9 ~ 6.0	6.1 ~
N1S	96	5.2	6.8	6.2 ~ 6.7	6.8 ~ 7.3	7.4 ~
KPA	449	6.6	21.4	14.5 ~ 21.3	21.4 ~ 31.6	31.7 ~
KPB	305	5.3	8.5	7.3 ~ 8.4	8.5 ~ 9.8	9.9 ~
KPS	224	5.2	7.4	6.6 ~ 7.3	7.4 ~ 8.2	8.3 ~
KPL	16	6.0	11.1	9.0 ~ 11.0	11.1 ~ 13.4	13.5 ~
INR	104	5.4	6.2	7.1 ~ 8.1	8.2 ~ 9.3	9.4 ~

Ag

Lithological Code	No of Sample	Mean Value	Standard Deviation	Anomaly		
				Possibly	Probably	Highly
R	166	0.50				
NOS	162	0.50				
NOL	86	0.50				
N2A	78	0.50				
N2L	166	0.50				
N2S	365	0.50	0.53	0.52 ~ 0.58	0.59 ~ 0.63	0.64 ~
N1S	96	0.51	0.82	0.58 ~ 0.61	0.62 ~ 0.66	0.67 ~
KPA	449	0.52	0.87	0.73 ~ 0.88	0.87 ~ 1.01	1.02 ~
KPB	305	0.50				
KPS	224	0.50				
KPL	16	0.50				
INR	104	0.50				

Mn

Lithological Code	No of Sample	Mean Value	Standard Deviation	Anomaly		
				Possibly	Probably	Highly
R	166	861	1,926	473 ~ 1,324	1,325 ~ 2,518	2,519 ~
NOS	162	693	1,500	1,660 ~ 1,499	1,500 ~ 1,919	1,920 ~
NOL	86	578	1,669	172 ~ 1,668	1,669 ~ 2,377	2,378 ~
N2A	78	1,073	2,431	1,851 ~ 2,430	2,431 ~ 3,192	3,193 ~
N2L	166	449	1,669	1,077 ~ 1,668	1,669 ~ 2,594	2,595 ~
N2S	365	940	1,791	1,312 ~ 1,789	1,790 ~ 2,220	2,221 ~
N1S	96	910	1,610	1,351 ~ 1,609	1,610 ~ 1,946	1,947 ~
KPA	449	960	1,791	1,449 ~ 1,779	1,780 ~ 2,189	2,190 ~
KPB	305	1,171	2,063	1,709 ~ 2,062	2,063 ~ 2,496	2,497 ~

Mo

Lithological Code	No of Sample	Mean Value	Standard Deviation	Anomaly		
				Possibly	Probably	Highly
R	166	1.2	2.0	1.7 ~ 1.9	2.0 ~ 2.3	2.4 ~
NOS	162	1.7	4.3	3.2 ~ 4.2	4.3 ~ 5.8	5.9 ~
NOL	86	1.7	6.1	4.0 ~ 6.0	6.1 ~ 9.1	9.2 ~
N2A	78	1.1	1.5	1.3 ~ 1.4	1.5 ~ 1.9	1.9 ~
N2L	166	1.6	4.7	3.3 ~ 4.6	4.7 ~ 6.6	6.7 ~
N2S	365	1.1	2.1	1.7 ~ 2.0	2.1 ~ 2.4	2.5 ~
N1S	96	1.0				
KPA	449	1.1	1.7	1.1 ~ 1.5	1.7 ~ 1.9	2.0 ~
KPB	305	1.1	1.5	1.4 ~ 1.9	1.9 ~ 1.9	1.7 ~



Ag

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possible	Probably	Highly
R	166	0.50				
NOS	162	0.50				
NOL	86	0.50				
N2A	78	0.59				
N2L	166	0.50				
N2S	365	0.50	0.53	0.52-0.53	0.53-0.54	0.54 ~
N1S	96	0.51	0.62	0.59-0.61	0.62-0.63	0.67 ~
KPA	449	0.52	0.67	0.73-0.66	0.67-1.01	1.02 ~
KPB	305	0.50				
KPS	224	0.50				
KPL	16	0.50				
INR	104	0.50				

Zn

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possible	Probably	Highly
R	166	59	160	115 ~ 159	160 ~ 223	224 ~
NOS	162	37	63	52 ~ 62	63 ~ 75	76 ~
NOL	86	42	91	70 ~ 90	91 ~ 117	118 ~
N2A	78	87	202	133 ~ 201	202 ~ 267	268 ~
N2L	166	32	95	66 ~ 94	95 ~ 135	136 ~
N2S	365	69	152	117 ~ 151	152 ~ 196	199 ~
N1S	96	56	102	83 ~ 101	102 ~ 124	125 ~
KPA	449	72	163	124 ~ 162	163 ~ 213	214 ~
KPB	305	72	136	110 ~ 135	136 ~ 168	
KPS	224	72	137	111 ~ 136	137 ~ 169	170 ~
KPL	16	57	112	90 ~ 111	112 ~ 140	141 ~
INR	104	40	98	73 ~ 97	98 ~ 131	132 ~

Mo

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possible	Probably	Highly
R	166	1.2	2.0	1.7 ~ 1.9	2.0 ~ 2.3	2.4 ~
NOS	162	1.7	4.3	3.2 ~ 4.3	4.3 ~ 5.8	5.9 ~
NOL	86	1.7	6.1	4.0 ~ 6.0	6.1 ~ 9.1	9.2 ~
N2A	78	1.1	15	1.3 ~ 14	15 ~ 159	16 ~
N2L	166	1.8	4.7	3.3 ~ 4.6	4.7 ~ 6.6	6.7 ~
N2S	365	1.1	2.1	1.7 ~ 2.0	2.1 ~ 2.25	2.25 ~
N1S	96	1.0				
KPA	449	1	1.7	1.1 ~ 1.6	1.7 ~ 1.9	2.0 ~

As

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possible	Probably	Highly
R	166	1.9	9.5	5.6 ~ 9.4	9.5 ~ 16.1	16.2 ~
NOS	162	6.0	13.3	10.2 ~ 13.2	13.3 ~ 17.3	17.4 ~
NOL	86	3.9	11.3	7.9 ~ 11.2	11.3 ~ 16.0	16.1 ~
N2A	78	1.7	5.4	3.7 ~ 5.3	5.4 ~ 7.8	7.9 ~
N2L	166	4.5	12.1	9.7 ~ 12.0	12.1 ~ 16.6	16.7 ~
N2S	365	1.6	9.1	5.1 ~ 9.0	9.1 ~ 16.2	16.3 ~
N1S	96	2.9	6.9	5.2 ~ 6.8	6.9 ~ 9.1	9.2 ~
KPA	449	2.0	9.8	6.7 ~ 9.7	9.8 ~ 16.8	16.9 ~

Zn

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possibly	Probably	Highly
R	166	59	160	15 ~ 150	160 ~ 223	224 ~
NOS	162	37	63	52 ~ 63	63 ~ 75	76 ~
NOL	86	42	91	70 ~ 90	91 ~ 117	118 ~
N2A	78	87	202	53 ~ 201	202 ~ 267	268 ~
N2L	166	52	95	66 ~ 94	95 ~ 135	136 ~
N2S	365	69	152	17 ~ 151	152 ~ 190	195 ~
N1S	96	56	102	83 ~ 101	102 ~ 124	125 ~
KPA	449	72	163	124 ~ 162	163 ~ 213	214 ~
KPB	305	72	136	110 ~ 135	135 ~ 167	168 ~
KPS	224	72	137	111 ~ 136	137 ~ 169	170 ~
KPL	16	57	112	90 ~ 111	112 ~ 140	141 ~
ENR	104	40	98	73 ~ 97	98 ~ 131	132 ~

Ni

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possibly	Probably	Highly
R	166	23	60	44 ~ 59	60 ~ 82	83 ~
NOS	162	38	67	56 ~ 66	67 ~ 80	81 ~
NOL	86	23	44	35 ~ 43	44 ~ 54	55 ~
N2A	78	18	30	26 ~ 29	30 ~ 35	36 ~
N2L	166	29	67	51 ~ 66	67 ~ 87	88 ~
N2S	365	24	43	34 ~ 42	43 ~ 54	55 ~
N1S	96	19	27	24 ~ 26	27 ~ 29	30 ~
KPA	449	17	37	29 ~ 36	37 ~ 46	47 ~
KPB	305	26	65	48 ~ 64	65 ~ 87	88 ~
KPS	224	23	65	46 ~ 64	65 ~ 90	91 ~
KPL	16	23	51	39 ~ 50	51 ~ 66	67 ~
ENR	104	10	26	19 ~ 25	26 ~ 34	35 ~

As

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possibly	Probably	Highly
R	166	1.9	9.5	5.6 ~ 9.4	9.5 ~ 16.1	16.2 ~
NOS	162	6.0	13.3	10.2 ~ 13.2	13.3 ~ 17.3	17.4 ~
NOL	86	3.9	11.3	7.9 ~ 11.2	11.3 ~ 16.0	16.1 ~
N2A	78	1.7	5.4	3.7 ~ 5.3	5.4 ~ 7.9	7.9 ~
N2L	166	4.5	12.1	8.7 ~ 12.0	12.1 ~ 16.6	16.7 ~
N2S	365	1.6	9.1	5.1 ~ 9.0	9.1 ~ 16.2	16.3 ~
N1S	96	2.9	6.9	5.2 ~ 6.8	6.9 ~ 9.1	9.2 ~

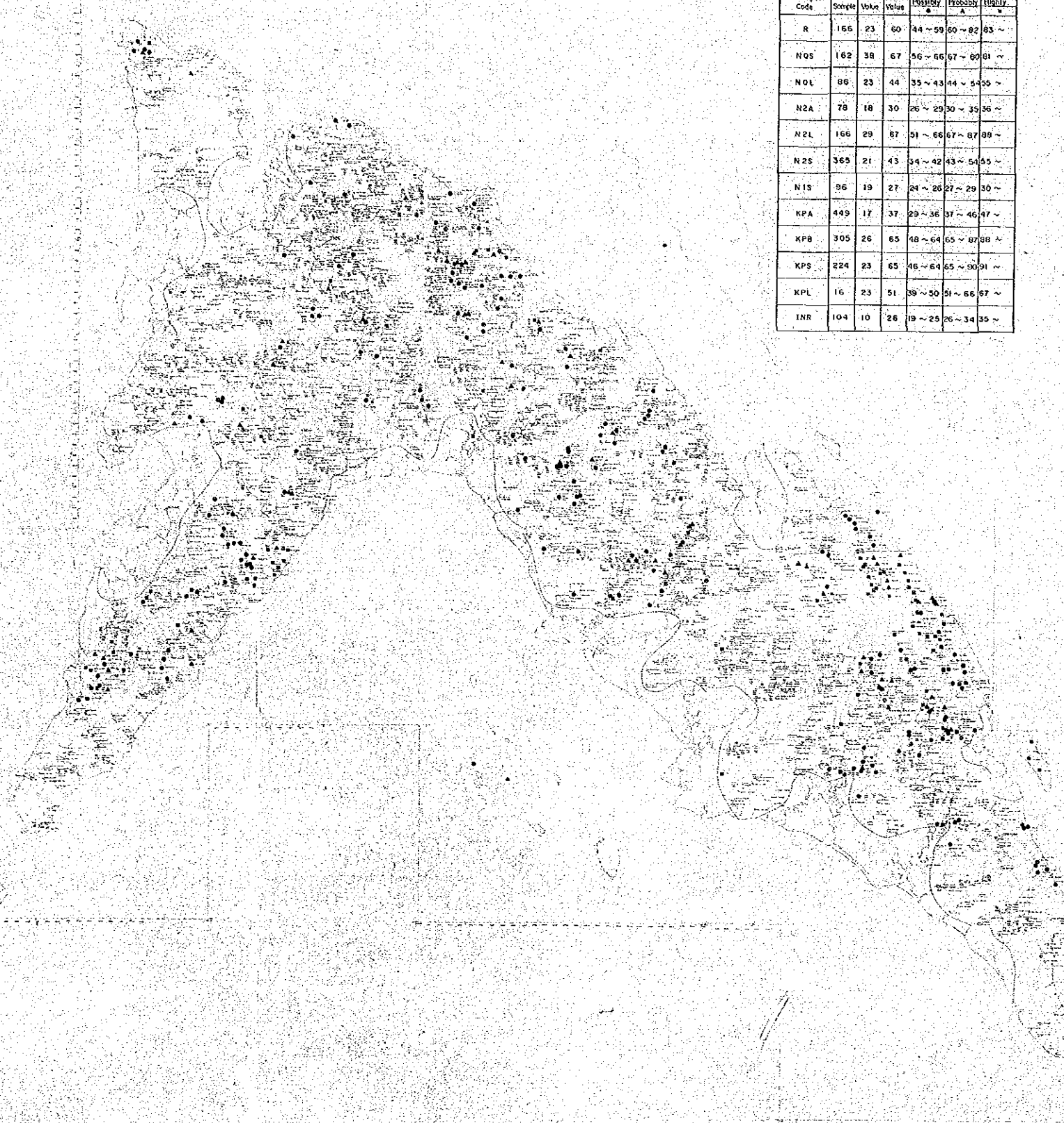
Hg

Lithological Code	No. of Sample	Mean Value	Threshold Value	Anomaly		
				Possibly	Probably	Highly
R	166	20.0				
NOS	162	20.0	22.6	21.8 ~ 22.5	22.6 ~ 23.4	23.5 ~
NOL	86	21.0	31.2	27.5 ~ 31.1	31.2 ~ 35.3	35.4 ~
N2A	78	21.6	33.8	29.1 ~ 33.7	33.8 ~ 39.1	39.2 ~
N2L	166	20.2	22.6	21.7 ~ 22.2	22.6 ~ 23.5	23.5 ~
N2S	365	20.1	22.7	21.0 ~ 22.2	22.7 ~ 23.6	23.6 ~
N1S	96	22.0	34.2	29.5 ~ 34.1	34.2 ~ 39.3	39.3 ~



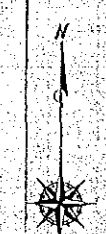
Ni

Lithological Code	No. of Sample	Mean Value	Standard Value	Accuracy		
				Possibility	Frequency	Design
R	155	23	60	44 ~ 29	60 ~ 82	83 ~
N05	162	38	67	56 ~ 66	67 ~ 80	81 ~
N01	86	23	44	35 ~ 43	44 ~ 55	56 ~
N2A	78	18	30	26 ~ 29	30 ~ 35	36 ~
N2L	166	29	87	51 ~ 66	67 ~ 87	88 ~
N2S	365	21	43	34 ~ 42	43 ~ 54	55 ~
N1S	96	19	27	24 ~ 26	27 ~ 29	30 ~
KPA	449	17	37	29 ~ 36	37 ~ 46	47 ~
KPB	305	26	63	48 ~ 64	65 ~ 87	88 ~
KPS	224	23	65	46 ~ 64	65 ~ 90	91 ~
XPL	16	23	51	39 ~ 50	51 ~ 66	67 ~
INR	104	10	26	19 ~ 25	26 ~ 34	35 ~



Hg

Lithological Code	No. of Sample	Mean Value	Standard Value	Accuracy		
				Possibility	Frequency	Design
R	166	20.0				
N05	162	20.0	22.6	18 ~ 22	22 ~ 24	25 ~
N01	86	21.0	31.2	27.5 ~ 31.1	31.2 ~ 35.3	35.4 ~
N2A	78	21.6	33.8	29.1 ~ 33.7	33.8 ~ 39.1	39.2 ~
N2L	166	20.2	22.6	21.7 ~ 22.5	22.6 ~ 24.2	24.3 ~
N2S	365	20.1	22.7	21.0 ~ 22.0	22.1 ~ 23.0	23.1 ~



PL. 7 - 1

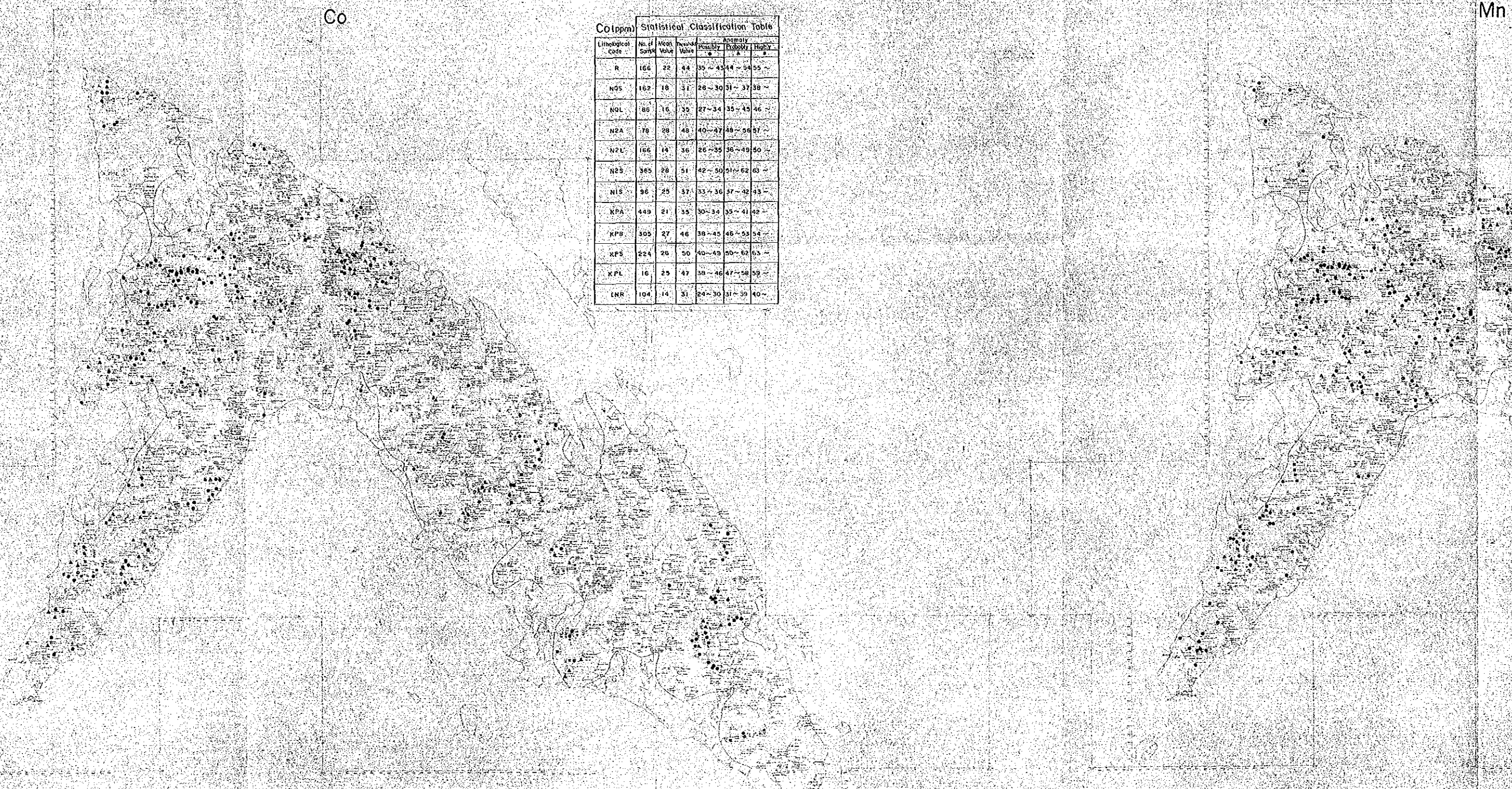
THE MINERAL EXPLORATION  
- MINERAL DEPOSITS AND TECTONICS OF TWO  
CONTRASTING GEOLOGIC ENVIRONMENTS -  
I IN  
THE REPUBLIC OF THE PHILIPPINES  
PHASE I  
DISTRIBUTION GEOCHEMICAL ANOMALIES OF  
STREAM SEDIMENT SAMPLES (UNIVARIATE ANALYSIS)  
MASBATE AREA

国際協力事業団  
15164

JAPAN INTERNATIONAL COOPERATION AGENCY  
METAL MINING AGENCY OF JAPAN  
MARCH 1986

Scale 1:250,000





Co

Mn

Co(ppm) Statistical Classification Table

Lithological Code	No. of Samples	Mean Value	Standard Deviation	Normality		
				Possibly	Probably	Highly
R	166	25	44	35 ~ 43	44 ~ 54	55 ~
N05	162	18	31	26 ~ 30	31 ~ 37	38 ~
N0L	88	16	22	27 ~ 34	35 ~ 43	46 ~
N2A	78	28	48	40 ~ 47	48 ~ 56	57 ~
N2L	166	14	36	26 ~ 35	36 ~ 43	50 ~
N2S	365	28	51	42 ~ 50	51 ~ 62	63 ~
N1S	96	25	37	33 ~ 36	37 ~ 42	43 ~
KPA	449	21	35	30 ~ 34	35 ~ 41	42 ~
KPB	305	27	46	38 ~ 45	46 ~ 53	54 ~
KPS	224	26	50	40 ~ 43	50 ~ 62	63 ~
KPL	16	25	47	38 ~ 46	47 ~ 58	59 ~
LNR	104	14	31	24 ~ 30	31 ~ 39	40 ~



Mn

Mn (ppm)		Statistical Classification Table				
Lithological Code	No of Sample	Mean Value	Standard Deviation	Probability	Anomaly	Highly
R	166	88	1.926	1.973	1.925	2.519
NOS	162	693	1.500	1.160	1.500	1.940
NOL	86	378	1.669	1.172	1.669	2.378
NPA	78	1,073	2.431	1.951	2.431	3.193
NZL	166	449	1.669	1.077	1.669	2.378
NZS	365	940	1.791	1.312	1.791	2.221
NIS	96	910	1.610	1.331	1.610	1.947
KPA	449	950	1.781	1.449	1.781	2.189
KPB	305	1,171	2.065	1.709	2.065	2.496
KPS	224	1,058	2.143	1.737	2.143	2.771
KPL	16	874	2.248	1.640	2.248	3.078
INR	104	927	1.222	1.222	1.222	1.618

Mo

Mo (ppm)		Statistical Classification Table				
Lithological Code	No of Sample	Mean Value	Standard Deviation	Probability	Anomaly	Highly
R	166	1.2	2.0	1.7	1.9	2.3
NOS	162	1.7	4.3	3.2	4.2	5.8
NOL	86	1.7	6.1	4.0	6.0	8.1
NPA	78	1.1	1.5	1.3	1.4	1.5
NZL	166	1.6	4.7	3.3	4.6	6.6
NZS	365	1.1	2.1	1.7	2.0	2.1
NIS	96	1.0				
KPA	449	1.1	1.7	1.1	1.6	1.9
KPB	305	1.1	1.5	1.4	1.4	1.6
KPS	224	1.1	1.6	1.4	1.5	1.6
KPL	16	1.0				
INR	104	1.1	1.8	1.5	1.7	2.2