

ARCO Norway, Inc.
Hard Minerals Section

Report No. 83-670-7

Stream Sediment and Rock Geochemistry
Rombaken project, North Norway, 1983

B. Flood

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ARCO Norway, Inc.
Wergelandsveien 7
OSLO 1
Tlf: (02) 42 28 38

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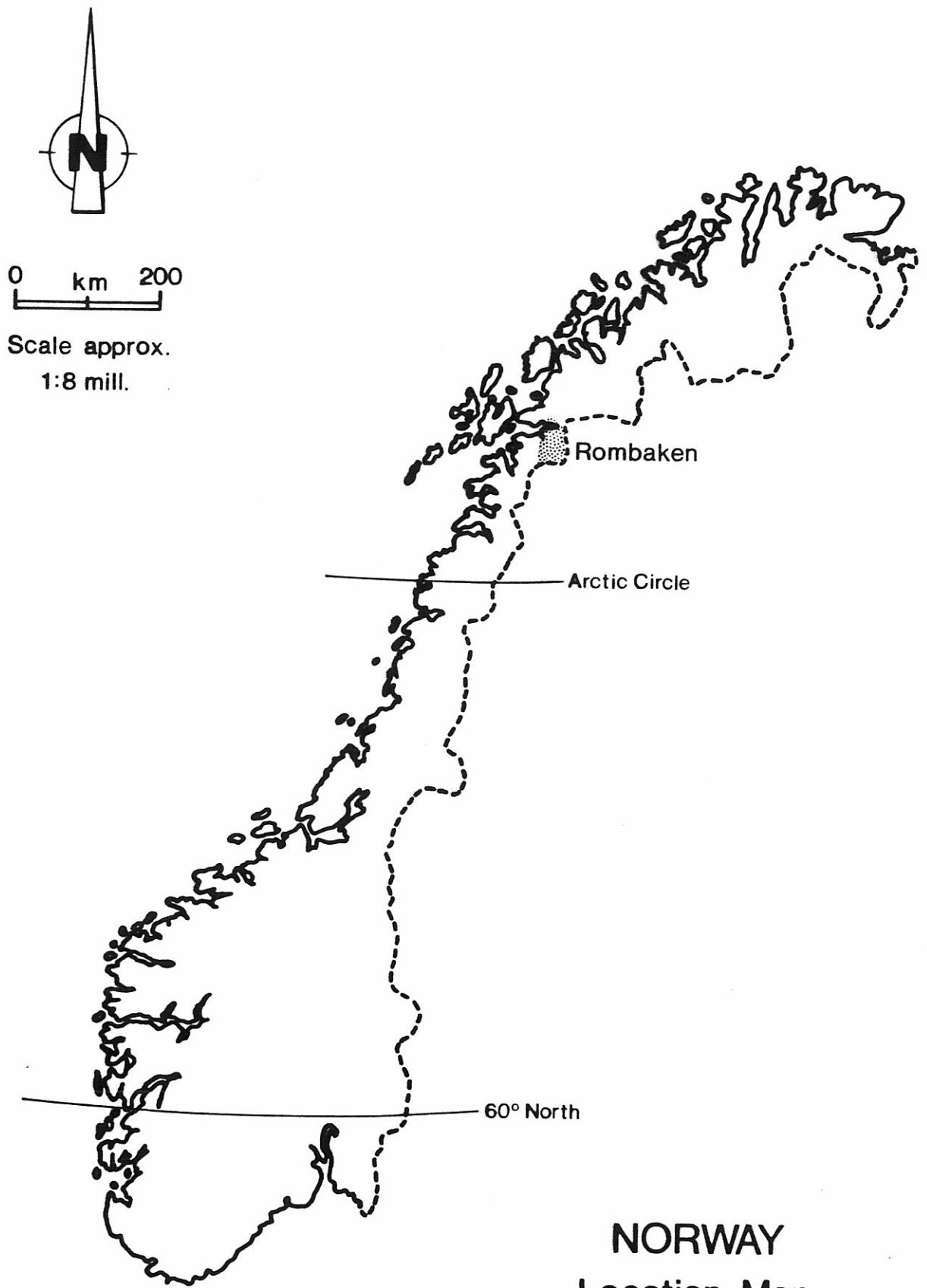
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NORWAY Location Map

Fig. 1

STREAM SEDIMENT AND ROCK
GEOCHEMISTRY ROMBAKEN PROJECT,
NORTH NORWAY, 1983

1. INTRODUCTION

1.1 Locality

The Rombaken project area is located within the Rombaken Precambrian window in Nordland fylke (county). It is centered at 68°15'N, 17°45'E approximately 30 km southeast of Narvik. Its eastern and southern boundaries are determined by the border with Sweden, to the west and north it borders the Caledonian nappes. Total area is around 1000 km, see Fig. 1.

1.2 Physiography

The topography is steep, with relief ranging from sea level to 1800 m. Within the high central part of the area (Klubbvann-Losivatn) the ground is heavily covered by small glaciers, moraines and scree. Except for this area and the deepest valley exposure is good. The soil layer is mainly thin or absent and vegetation sparse and dominated by heather, birch and pine. Most of the area is above timberline.

Mean temperature for January at sea level is -2,2°C and for June 10,5°C. Mean precipitation for January is 52mm and for June 50mm.

1.3 Access

Four roads and one railroad (Narvik-Kiruna along Rombaksbotn) intersect the project area. Most of the roads are built due to extensive damming of lakes and rivers for hydroelectric purposes. In between the roads access is either by walking or by the use of helicopters.

1.4 Objective

The objective with the stream sampling program was to focus in on prospective areas in a fast and efficient manner.

The main objectives with the rock sampling program were:

- (a) To obtain background values for metals of interest within the different geological units in order to facilitate interpretation of the stream sampling results.

- (b) To establish the metal content and potential of certain units and mineralized horizons.

2. PREVIOUS WORK

During 1982 NGU carried out a geochemical stream sediment survey in the southern part of our project area. 222 samples were collected. The survey was confined to an area between the Swedish border to the south and a line Norddalen - Cunojavrrre to the north. The sediments (-80M) have been assayed for 21 elements on acid soluble material. The assay results for 12 elements - Cu, Ni, Zn, Pb, Fe, Mn, Co, Cr, V, Mo, Ba, U - have been presented with symbols on maps scale 1:50 000. The results were on closed file until March, '84, but have now been released (NGU-Rapport nr. 1800/ 53).

As and Au are not included in this report. Complete assays on As and some bulk sample assays on Au were done at a later date and the results released together with the report.

Due to this survey we conducted only a limited program to the south for comparison between NGU and Tucson assay results from same creeks. The NGU results will be commented upon below.

3. CURRENT WORK

3.1 Stream sampling survey

3.1.1 Field work

The sampling was carried out during July, August and the first half of September.

The samples were wet sieved (Aluminium sieve with nylon cloth) in the field to either -80M (0.18mm) or +80M, -32M (0.5mm), dependent on fraction available in the creek. As a rule one should not spend more than 1/2 hour collecting a sample. When in doubt regarding sufficient sample material both fractions were collected. The ratio between the + and -80M fraction samples is about 1:1.6. Altogether some 800 samples were collected over an area of around 700 km² which gives an average sample density of ca. 1.1 sample/km².

Due to extreme topographical condition and a very uneven drainage pattern considerable variation in the sample density occurs throughout the area.

Extreme wet and cold weather prevailed during the summer causing flooding of the creeks during most of the field season.

3.1.2 Processing and results

The samples were semi-dried and sent to Tucson Lab. for assays on

Au, Ag, As, Cu, Pb, Zn, Co, Fe, Mn.

Assay results were returned to Oslo for immediate evaluation, resampling of anomalous areas was then implemented if required. All assay results are listed in APPENDIX I.

The results were also sent to Denver where they have been subjected to data processing. Separate sample location and anomaly maps, scale 1:50 000 have been issued for the +80M and -80M samples. Global statistics have been presented and values >90th percentile for each element are shown on the individual maps and here later designated anomalies.

All the maps are filed in Denver and at the Oslo office. Summary of statistics and correlation coefficients for the whole of Rombaken are shown in APPENDIX II with separate tables for the +80 and -80 mesh combined, +80 mesh and -80 mesh results.

These results show small variation in mean and standard deviation from the different screen fractions; the 90th percentile values are roughly the same for the combined results as for the individual fractions. See column: Rombaken in Table O.

Anomalies based on these combined results are encircled for the elements Cu, Pb, Zn, As and Au in Fig. 2 and 3. Fig. 4 and 5 show anomalies for the elements Fe, Mn, Ag and Co. As most of the Ag-values are below detection limit of 0.5 ppm, all values above are regarded anomalous and encircled. Statistics and correlation coefficients have also been calculated for the Rombaken area excluding Haugfjellet and for Haugfjellet alone; the results are shown in APPENDIX III and IV respectively. A summary of all mean, standard deviation and 90th percentile values are listed in Table O.

From this table a difference between Haugfjellet and the rest of the area is apparent. The mean, standard deviation and 90th percentile values for Pb, Zn and As are much higher at Haugfjellet, and the same elements display a marked difference in results between the two fractions. This may partly be due to a difference in topography; more gentle slopes and slower streams occur at Haugfjellet. Haugfjellet cannot be regarded as a separate population at this stage as we assume the same lithological units with similar, but probably less extensive, mineralization are found to the south.

When assessing the geochemical anomaly maps (Fig. 2-5) one should be aware of the variation in sample density from one area to another. The sample localities are plotted on all the above figures.

By far the best and most even sample density is acquired on Haugfjellet due to its plateau-like topography. Further south between Rombaken and Losivatn, sampling is patchy and anomalies like Klubbvatn and Leirvatn may partly be due to being areas of access and having suitable streams. Very few sample localities exist between the Klubbvatn, Leirvatn and Losivatn anomalies.

The multi-element feature of most anomalies within this supracrustal inlier and a change in element trend from north to south are interesting. Arsenic is very pronounced north of Rombaksbotn, copper dominates at Leirvatn, and gold is the main anomalous element at Losivatn.

To the southeast at Cunojavri there occurs a gold-copper anomaly, but within a different lithological unit than the anomalies described above, see report no. 83-670-6.

Southwest of Rombaksbotn there occur a number of copper-cobalt anomalies along the Caledonian nappes, probably related to these. Otherwise, cobalt anomalous results are mainly in single points with some exception at Haugfjellet and Cunojavri.

Gold, mainly single point anomalies, occurs frequently within the granitoids, this may partly be due to the scattered sample localities. The highest values, however, are found in the granitoids with 49.7 ppm at a three point anomaly west of Haugfjellet N and 5.2 ppm in the river from in. Sildvikv.

Generally the iron and manganese anomalies are well spread and small. There is some concentration at Haugfjellet and with the cobalt anomalies southwest of Rombaksbotn and at Cunojavri. A general iron-manganese scavenging as a cause for the basemetal anomalies does not seem to be the case.

Table 0 Selected statistics stream sediment data

Rombaken				Rombaken excl. Haugfjellet				Haugfjellet		
				Combined	+80	-80	Mesh			
	<u>Mean</u>	<u>St.Dev.</u>	<u>90%</u>	<u>Mean</u>	<u>St.Dev.</u>	<u>90%</u>		<u>Mean</u>	<u>St.Dev.</u>	<u>90%</u>
Cu	23.05	23.34	49	22.38	22.54	45.0		26.08	26.98	59.7
Pb	37.29	78.92	65	29.64	39.61	56.2		65.13	148.72	146.6
Zn	94.14	96.71	184	81.82	69.92	154.3		134.38	146.83	285.8
Co	8.10	9.46	20.7	8.05	9.45	20.0		8.28	9.52	23.0
As	16.98	55.68	36	9.27	25.84	23.2		43.82	105.67	98.0
Au	0.079	1.78	0.015	0.016	0.21	0.015		0.27	3.59	0.0166
Fe	37340	14112	50680	31804	15004	50820		34469	14263	49830
Mn	699	421	1210	715	456	1236		657	286	1101
				+80 Mesh						
Cu	19.64	20.27	46.0	19.86	19.67	40.9		19.45	21.72	57.0
Pb	30.18	39.42	59.4	27.30	28.32	59		37.42	57.76	70.8
Zn	89.05	97.53	186.5	81.68	80.51	154.5		107.98	128.57	237.2
Co	7.83	9.87	21.0	7.87	10.10	21.0		7.82	9.42	22.5
As	21.04	73.76	39.5	10.61	23.58	26.9		45.57	128.08	70.9
Au	0.18	2.93	0.014	0.007	0.038	0.012		0.58	5.35	0.015
Fe	30962	14674	50000	30497	14776	50000		32436	14406	49700
Mn	702	498	1241	727	553	1262		653	333	1180
				-80 Mesh						
Cu	24.98	24.80	51.0	23.62	23.83	45		31.52	29.69	64.2
Pb	41.34	94.41	67.3	30.91	44.37	56		87.10	191.12	194.4
Zn	96.69	96.34	182.2	81.70	64.10	153.6		154.68	157.93	319.8
Co	8.21	9.25	20.0	8.08	9.13	20.0		8.60	9.66	23.6
As	14.72	42.12	33.0	8.59	27.0	22.4		42.80	84.26	111.8
Au	0.020	0.245	0.017	0.021	0.268	0.018		0.017	0.12	0.017
Fe	33003	14450	51660	32426	15130	52279		36017	14036	49980
Mn	696	371	1179	707	398	1218		657	242	1022

3.1.3 Results - NGU

The NGU results from Rombaken have been treated in conjunction with a similar size program to the west, which mainly falls within the Caledonian rocks. NGU's general conclusion is that there is a lack of anomalous trends re base metals. A possible exception is the Pb-anomaly east of Gautelisvatn near the Swedish border, Fig. 3, which is assumed to be associated with the Caledonian nappe.

On Fig. 3 are plotted those sample points which approximately have Cu, Pb, Zn values above the 90th percentile, i.e.

Cu > 39 ppm and < 145 ppm (max.)
Pb > 18 ppm and < 90 ppm (max.)
Zn > 100 ppm and < 264 ppm (max.)

There is a concentration of anomalous values within the granites to the west of Gautelisvatn and within the syenites southeast of Cunojokka. Currently the reason for these anomalies is not known.

The As-anomalous values

As > 19 ppm and < 110 ppm (max.)
concentrate mainly in two anomalous areas, one north of Cunojokka and one south of Losivatn. Their max. value of 110 ppm is found downstream from the known gold-arsenic occurrence at Kjørivatn, see Fig. 3.

Fifteen gold assays have been carried out from the area, representing from one to four bulked stream samples. Only one assay showed gold at detection limit of 10 ppb, representing three samples from the As-anomaly south of Losivatn.

Most of the gold assays come from the granite area west of Gautelisvatn; no assays for gold exist from the As-anomaly at Cunojokka.

Only a few samples have been taken from the western volcano-sedimentary inlier (Group 1 inlier, Report No. 83-670-6) which thus has been poorly sampled by both the stream surveys.

3.2 Rock geochemistry

3.2.1 General

Altogether 229 rock samples have been collected within the Narvik and Skjomdalen mapsheets for geochemical purposes. This does not include samples collected for thin sectioning and petrographic description.

The sampling was commenced during the reconnaissance in May '83 (RR samples) and completed during the summer program (BF, MM, GD and OS samples).

All samples were sent to Tucson for assays on Cu, Pb, Zn, Au, Ag and As. The majority were also assayed for Co, Mn, Fe, and the reconnaissance sample had additional assays on Ni, Cr, Mo, W, V, Bi and Sb. All the samples are listed with sample-description, locality and assay results in Table I A-B (Narvik) and Table II A-B (Skjomdalen). Sample localities are shown in Fig. 6 and 7. Assay results for Cu, Pb, Zn are plotted on Fig. 8 and 9, and assay results for Au, Ag, As are plotted on Fig. 10 and 11.

As seen on the sample locality maps six different types of samples have been collected. These types are:

- Grab Samples: This may be a single specimen or a chip sample virtually within reaching distance.
- Composite Samples: A sample bag of chips collected over an area of around 100 m radius or extension.
- Sample from Workings: Mainly a grab-type sample from a mineralization.
- Chip sample along profile: These are mainly taken across mineralized (rusty) horizons with one bulk sample each 10 m (one chip pr. m).
- Boulder Sample: These represent river and/or glacial transported erratics.
- Scree sample: These are grab or composite samples taken below cliffs, being solely gravity transported material.

TABLE I A
 Mapsheet Narvik 1:50.000
 Rock Analysis - 1983

Sample No.	Sample Description:	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/RR/174	Fn.grained quartz siltst., minor amph. 5% py	218	41	1700	34	<0.005	1.4	17	-	190	Rombaks--botn S	
83/RR/175	Qtz. sericite metasiltst. 10% dissem. sulph.	190	48	900	38	0.005	1.0	<10	-	202		
83/RR/176	Qtz. sericite metasiltst. 5% dissem. sulph.	308	38	305	48	0.009	1.6	16	-	195		
83/RR/177	Med. grained gabbro, 15% cp + po	1800	43	322	271	0.010	1.2	20	-	927		Ni-working
83/RR/178	Med. grained gabbro, 10% cp + po	1100	88	459	239	0.014	1.0	<10	-	1400	"	
83/RR/179	Composite of sulph. zone	77	32	210	20	0.017	<0.5	23	-	472	Head of Rombaks-- botn	
83/RR/180	" " "	333	642	179	55	0.033	6.4	16	-	335	"	
83/RR/181	" " "	229	36	177	31	0.009	0.8	<10	-	312	"	
BF/83/7	Carbonaceous greywacke with py + po	548	247	78	52	0.021	3.2	12	10.9	269	Sildvik	
BF/83/9	Greywacke with tourmaline + py	58	41	215	15	0.029	3.0	66	4.01	409	Haugfj.	
BF/83/10	Weak gossan	82	108	51	<10	0.021	1.6	76	15.5	107	"	
BF/83/11	Schistose greywacke with py + As	441	183	793	47	0.014	9.6	1285	8.45	1056	"	
BF/83/12	Greywacke with py +(cp) + As	42	28	152	35	0.021	<0.5	683	5.49	438	"	

TABLE I B
 Mapsheet Narvik 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description	Assay Results ppm								Locality: See TABLE IA
		Ni	Cr	Mo	W	V	Bi	Sb		
83/RR/174	See TABLE IA	113	181	<10	66	242	5	<10		
83/RR/175		131	89	<10	30	222	5	<10		
83/RR/176		164	89	<10	13	245	10	<10		
83/RR/177		3100	89	<10	<10	170	5	<10		
83/RR/178		1600	75	<10	<10	155	5	<10		
83/RR/179		82	162	<10	12	196	5	<10		
83/RR/180		160	107	18	<10	247	10	10		
83/RR/181		78	90	<10	<10	210	5	<10		

TABLE I A (Cont'd)
 Mapsheet Narvik 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description:	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
BF/83/16	Weak gossan	182	11	112	<10	0.022	<0.5	<10	33.4	24	Klubbv.	
BF/83/17	Quartz sericite schist with possible hydrozincite?	10	76	25	<10	0.017	0.6	15	0.69	25	"	
BF/83/20	Quartz greywacke with py + tourmaline.	71	31	105	13	0.017	<0.5	<10	4.38	379	Øv. Bruv.	
BF/83/21	" " "	169	20	161	27	0.022	0.6	<10	11.0	280	"	
BF/83/59	Greyw. with limesilicate lenses with py + tourm.	182	90	156	-	<0.005	<0.5	<10	-	-	Kollvika	
BF/83/60	Caledonian basal congl. + quartzite with py 7m chip	37	235	66	-	<0.005	1.6	27	-	-	"	
BF/83/61	Caledonian quartz-seric. schist with q-carb. veins + py	10	22	56	-	<0.005	<0.5	<10	-	-	"	
BF/83/70	Zn-Pb working	51	3.25%	3.0%	-	0.135	68.2	25	-	-	Sildvikskardet	

TABLE I A (Cont'd)
 Mapsheet Narvik 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description:	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/MM/13	Quartz-biotite rock with py-cp	1117	40	7229	-	0.149	1.2	26	12.6	808	Fiskelausv.	
83/MM/21	5m chips of pyritic horizon	93	317	348	-	<0.005	<0.5	32	4.85	671	Haugfj.	
83/MM/22	"	55	199	473	-	<0.005	<0.5	11	4.86	585	"	
83/MM/23	"	74	151	181	-	0.017	<0.5	<10	4.71	479	"	
83/MM/24	"	108	306	871	-	<0.005	1.4	15	3.94	555	"	
83/MM/25	"	132	110	109	-	0.005	<0.5	18	3.19	387	"	
83/MM/26	"	95	136	117	-	0.005	0.8	22	2.93	360	"	
83/MM/27	"	53	103	170	-	<0.005	<0.5	<10	4.21	920	"	
83/MM/28	"	106	205	208	-	0.033	1.2	55	3.46	800	"	
83/MM/29	Working rich in py	117	610	1028	-	0.007	1.8	<10	5.29	1097	"	
83/MM/30	Cu, Pb, Zn mineralization	2.18%	7.87%	19.4%	-	1.33	420	56	9.98	868	Haugfj.	
83/MM/30A+B	"	2.30%	4.09%	8.79%	-	0.046	15.2	-	-	-	"	
83/MM/31	Med. gr. greyw.	49	201	293	-	0.009	0.8	<10	3.27	483	Sildvik	
83/MM/32	Grey fine gr. rock	19	62	177	-	<0.005	<0.5	<10	4.82	705	Klubbv.	

TABLE I A (Cont'd)
Mapsheet Narvik 1:50,000
Rock Analysis - 1983

Sample No.	Sample Description:	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/MM/36	Biotite rich sill	17	97	246	-	<0.005	0.6	17	6.38	1412	Sildvik	
83/MM/37	Graphite zone with q-musk. alteration + py	222	363	159	-	0.009	2.4	<10	4.81	398	"	
83/MM/46 ₁	Q-biotite rock with py	73	29	91	-	<0.005	<0.5	<10	3.41	646	Raudtinden	
83/MM/46 ₂	"	130	145	195	-	3.37	1.0	-	-	-	"	
83/MM/50	Rusty (pyritic) greyw.	127	128	507	-	0.007	1.2	<10	4.97	502	Head of Rombaksbotn	
83/MM/51	"	73	25	276	-	<0.005	<0.5	<10	5.0	597	"	
83/MM/52	Rusty (pyritic) greywacke	181	29	288	-	0.009	<0.5	<10	6.91	582	Head of Rombaksbotn	
83/MM/53	"	31	<10	119	-	<0.005	<0.5	<10	4.01	464	"	
83/MM/54	"	27	<10	165	-	<0.005	<0.5	18	4.35	480	"	
83/MM/55	"	24	<10	158	-	0.017	<0.5	14	376	478	"	
83/MM/56	"	32	<10	162	-	0.005	<0.5	13	3.77	463	"	
83/MM/57	"	60	<10	161	-	<0.005	<0.5	16	4.18	595	"	
83/MM/58	"	73	28	202	-	0.010	<0.5	14	5.42	659	"	
83/MM/59	"	63	<10	157	-	0.005	<0.5	11	4.64	509	"	
83/MM/60	"	35	13	148	-	<0.005	<0.5	<10	5.26	637	"	

TABLE I A (Cont'd)
 Mapsheet Narvik 1:50.000
 Rock Analysis - 1983

Assay Results ppm

Sample No.	Sample Description	Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn	Locality:
83/GD/2	Rustzones in greywacke	78	2885	1962	-	<0.005	6.2	<10	5.66	496	Sildvik
83/GD/3	"	70	42	320	-	<0.005	<0.5	<10	5.08	353	"
83/GD/12	"	34	18	81	-	0.009	<0.5	39	3.1	345	Hunddalen
83/GD/14	"	90	127	58	-	0.009	2.2	<10	15.5	321	Raudtinden
83/GD/15	"	33	12	137	-	0.015	<0.5	<10	4.8	536	Head of Rombaks botn
83/GD/16	"	90	19	181	-	0.019	<0.5	<10	4.76	387	"
83/GD/17	"	72	21	134	-	0.007	<0.5	<10	4.91	616	Head of Rombaks botn
83/GD/51	Pb-Zn mineralization	272	2448	1.8%	-	0.149	14	<10	4.73	1283	Sildvik
83/GD/52	Rustzone in greywacke	117	179	526	-	<0.005	0.8	<10	-	-	Haugfj.
83/GD/55	"	113	377	450	-	0.014	0.6	<10	-	-	"
83/GD/66	"	41	26	212	-	<0.005	<0.5	29	-	-	Head of Rombaksbotn
83/GD/67	"	88	10	250	-	<0.005	<0.5	27	-	-	"
83/GD/68	"	67	16	189	-	<0.005	<0.5	<10	-	-	"
83/GD/69	"	46	12	231	-	0.009	0.5	28	-	-	"
83/GD/70	"	58	12	162	-	<0.005	<0.5	<10	-	-	"
83/GD/71	"	46	13	184	-	<0.005	<0.5	18	-	-	"
83/GD/72	"	44	17	187	-	<0.005	<0.5	29	-	-	"
83/GD/73	"	44	<10	153	-	<0.005	<0.5	19	-	-	"

TABLE I A (Cont'd)
Mapsheet Narvik 1:50,000
Rock Analysis - 1983

Assay Results ppm

Sample No.	Sample Description	Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn	Locality:
83/GD/74	Rustzone in greywacke	24	12	125	-	<0.005	<0.5	56	-	-	Head of Rombakstbot
83/GD/75	"	68	<10	270	-	<0.005	<0.5	<10	-	-	"
83/GD/76	"	86	<10	339	-	<0.005	<0.5	<10	-	-	"
83/GD/77	"	59	<10	180	-	<0.005	<0.5	<10	-	-	"
83/GD/78	"	46	<10	193	-	0.009	<0.5	<10	-	-	"
83/GD/79	"	51	<10	153	-	<0.005	<0.5	<10	-	-	"
83/GD/80	"	99	<10	219	-	<0.005	<0.5	<10	-	-	"
83/GD/81	"	70	<10	247	-	<0.005	<0.5	<10	-	-	"
83/GD/82	"	37	15	179	-	<0.005	<0.5	45	-	-	"
83/GD/83	"	30	20	160	-	<0.005	<0.5	<10	-	-	Leirvann
83/GD/84	"	48	157	379	-	<0.005	2.6	74	-	-	"
83/GD/85	"	33	68	679	-	<0.005	8.4	95	-	-	Haugfjellet
83/GD/88	Biotite schist with some carbonate	107	15	126	-	0.031	<0.5	18	-	-	"
83/GD/90	Rustzone	155	<10	127	-	<0.005	0.6	22	-	-	"
83/GD/99	Rustzone in turbidite	34	<10	60	-	<0.005	<0.5	<10	-	-	"
83/GD/105	Rustzone	108 4518	1.11		-	<0.005	<0.5	<10	-	-	"
83/GD/122	"	72	78	324	-	<0.005	<0.5	<10	-	-	"
83/GD/123	"	81	176	295	-	<0.005	<0.5	16	-	-	"

TABLE I A (Cont'd)
Mapsheet Narvik 1:50,000
Rock Analysis - 1983

Sample No.	Sample Description	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/GD/124	Rustzone	93	50	198	-	<0.005	<0.5	59	-	-	Haugfjellet	
83/GD/125	"	32	36	116	-	<0.005	<0.5	22	-	-		
83/GD/126	"	74	34	160	-	<0.005	<0.5	67	-	-	"	
83/GD/127	"	76	52	146	-	<0.005	<0.5	<10	-	-	"	
83/GD/128	"	47	39	107	-	0.007	<0.5	<10	-	-	"	
83/GD/129	"	65	34	72	-	<0.005	<0.5	13	-	-	"	
83/GD/130	"	116	31	184	-	<0.005	<0.5	<10	-	-	"	
83/GD/131	"	133	213	505	-	<0.005	<0.5	186	-	-	"	
83/GD/132	"	167	43	801	-	<0.005	<0.5	48	-	-	"	
83/GD/133	"	68	30	232	-	<0.005	<0.5	37	-	-	"	
83/GD/134	"	77	38	185	-	<0.005	<0.5	65	-	-	"	
83/GD/135	"	125	87	372	-	<0.005	<0.5	<10	-	-	"	
83/GD/136	"	98	142	662	-	<0.005	0.6	658	-	-	"	
83/GD/137	"	77	149	581	-	<0.005	0.6	204	-	-	"	
83/GD/138	"	66	39	472	-	<0.005	<0.5	135	-	-	"	
83/GD/139	"	82	150	330	-	0.005	<0.5	246	-	-	"	
83/GD/140	"	94	32	137	-	0.005	0.8	27	-	-	"	
83/GD/141	"	75	34	103	-	<0.005	0.6	26	-	-	"	

TABLE I A (Cont'd)
 Mapsheet Narvik 1:50.000
 Rock Analysis - 1983

Assay Results ppm											
Sample No.	Sample Description	Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn	Locality:
83/GD/142	Rustzone	117	36	99	-	<0.005	0.6	17	-	-	Haugfjellet
83/GD/143	"	64	18	102	-	0.005	<0.5	13	-	-	"
83/GD/144	"	37	23	46	-	<0.005	<0.5	11	-	-	"
83/GD/145	"	63	35	124	-	<0.005	<0.5	<10	-	-	"
83/GD/146	"	74	40	100	-	<0.005	<0.5	<10	-	-	"
83/GD/147	"	94	54	135	-	<0.005	<0.5	19	-	-	"
83/GD/148	"	61	47	118	-	<0.005	<0.5	31	-	-	"
83/GD/149	"	103	13	235	-	<0.005	<0.5	<10	-	-	"
83/GD/150	"	67	14	100	-	<0.005	<0.5	34	-	-	"
83/GD/151	"	81	14	229	-	<0.005	<0.5	120	-	-	"
83/GD/154	Rusty phyllite (caledonian)	62	13	51	-	<0.005	<0.5	<10	-	-	Middagsfjellet
83/GD/156	Rusty micaschist "	99	11	87	-	0.007	<0.5	<10	-	-	"
83/GD/157	Rustzone in granite (Caledonian)	28	11	43	-	<.005	<0.5	<10	-	-	"
83/GD/157	Rusty garnet mical schist (Caledonian)	57	34	66	-	<.005	<0.5	<10	-	-	"
83/GD/158	Rusty metagreywacke	19	40	114	-	<0.005	<0.5	35	-	-	"
83/GD/171	Zn-Pb working	25 1,46%	0.24%		-	0.017	29,0	43	-	-	Sildvik
83/GD/173	Rustzone in greywacke	86	53	90	-	<0.005	<0.5	<10	-	-	Rombaksbotn S
83/GD/175	"	46	23	104	-	0.010	<0.5	41	-	-	"

TABLE I A (Cont'd)
 Mapsheet Narvik 1:50,000
 Rock Analysis - 1983

Assay Results ppm

Sample No.	Sample Description	Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn	Locality:
83/GD/176	Rustzone	49	28	224	-	<0.005	<0.5	<10	-	-	Sildvik
83/GD/177	"	157	30	121	-	<0.005	0.6	<10	-	-	"
83/GD/178	"	237	42	156	-	<0.005	1.0	<10	-	-	"
83/GD/179	"	79	33	339	-	<0.005	<0.5	30	-	-	Haugfjellet NW
83/GD/209	Rusty scree and rockchip	73	22	170	-	<0.005	<0.5	13	-	-	Hunddalsbotn
83/GD/210	"	121	26	172	-	<0.005	<0.5	20	-	-	"
83/GD/211	"	208	144	644	-	<0.005	1.6	<10	-	-	"
83/GD/212	Weak rustzones	14	15	93	-	<0.005	<0.5	11	-	-	Blåisen
83/GD/213	"	44	208	234	-	<0.005	1.0	<10	-	-	"
83/GD/214	"	36	19	102	-	<0.005	<0.5	10	-	-	"
83/GD/215	Intense rustzones	14	14	46	-	<0.005	<0.5	<10	-	-	Sealgacohkka
83/GD/216	"	53	28	108	-	0.012	<0.5	<10	-	-	"
83/GD/217	"	37	<10	59	-	0.005	<0.5	<10	-	-	"
83/GD/218	Rustzone	69	113	229	-	<0.005	<0.5	26	-	-	"
83/GD/219	"	73	38	66	-	<0.005	<0.5	13	-	-	Hunddalsbotn
83/GD/220	"	54	36	68	-	<0.005	<0.5	<10	-	-	"
83/GD/221	Rusty scree	151	1397	2489	-	0.007	3.6	47	-	-	Storfjellet
83/GD/222	"	105	4819	1.70%	-	<0.005	9.4	416	-	-	"

TABLE I A (Cont'd)
Mapsheet Narvik 1:50,000
Rock Analysis - 1983

[illegible]

TABLE II A
 Mapsheet Skjomedalen 1:50.000
 Rock Analysis - 1983

Sample No.	Sample Description	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As%	Fe%	Mn		
83/RR/188	Composite from dump	310	35	36	37	4.38	2.0	1.13	-	118	Au-workings	
83/RR/189	Massive granular As, calcite matrix	135	15	26	38	3.53	0.8	1.92	-	205	"	
83/RR/190	Banded As with quartz	26	11	27	36	15.4	1.4	2.02	-	82	"	
83/RR/191	Banded As + calcite bands	68	16	33	18	11.0	1.2	2.64	-	108	"	
83/RR/192	Granular po, cp, quartz, carb.	3600	42	32	43	0.69	3.4	0.85	-	85	"	
83/RR/193	Banded granular quartz, As, amph.	11	17	74	19	0.93	0.6	8.11	-	166	"	
83/RR/194	" "	44	<10	79	41	1.89	0.6	5.83	-	194	"	
83/RR/195	Banded quartz, As, carb., amph.	41	23	61	32	10.9	1.0	4.41	-	144	"	
83/RR/196	Pyritic quartzite	153	15	61	12	0.051	0.6	0.092	-	434	"	
83/RR/197	Mottled As, amph. stibnite?	577	13	14	26	3.22	1.0	13.6	-	89	"	
83/RR/198	Black phyllite with tr. of py	<10	<10	47	<10	<0.005	<0.5	0.016	-	345	"	
BF/83/8	Workings with py + cp in quartz greywacke	694	32	70	55	0.019	<0.5	<10	8.01 ppm	345	Sördalen	
BF/83/13	Granite with dessim. py + Fe ₃ O ₄	23	31	35	<10	0.021	<0.5	<10	4.33	194	Losiv. N	
BF/83/14	Granite with dessim. py + Fe ₃ O ₄	14	32	43	<10	0.017	<0.5	<10	4.01	194	"	
BF/83/15	Granite with dessim. py + Fe ₃ O ₄	22	44	27	<10	0.046	<0.5	<10	3.92	137	"	

TABLE II B
Mapsheet Skjomedalen 1:50.000
Rock Analysis - 1983

Assay Results ppm

Sample No.	Sample Description	Ni	Cr	Mo	W	V	Bi	Sb	Locality:
83/RR/188	See TABLE II A	48	48	<10	26	120	5	40	See TABLE II A
83/RR/189		63	52	10	<10	102	14	65	
83/RR/190		18	30	<10	<10	75	<5	65	
83/RR/191		16	38	<10	<10	96	56	40	
83/RR/192		159	66	<10	<10	146	15	25	
83/RR/193		45	83	<10	<10	146	15	25	
83/RR/194		83	144	<10	<10	193	10	40	
83/RR/195		73	73	<10	<10	126	49	55	
83/RR/196		43	167	<10	<10	177	<5	<10	
83/RR/197		15	39	<10	14	67	20	<10	
83/RR/198		<10	<10	<10	<10	18	<5	<10	

TABLE II A (Cont'd)
 Mapsheet Skjomedalen 1:50,000
 Rock Analysis - 1983

Assay Results ppm											
Sample No.	Sample Description	Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn	Locality:
BF/83/22	Biotite shear with py in gneiss	221	24	139	76	0.019	<0.5	<10	10.1	458	Losiv. S.
BF/83/23	Silicified greywacke with py	161	76	930	99	0.031	<0.5	16	4.51	301	Cunojokka
BF/83/26	Quartz vein with py + (cp)	224	<10	67	41	0.007	<0.5	<10	2.8	138	Kjøriv.
BF/83/27	Grey quartzite with py + As	101	28	155	25	0.357	<0.5	451	3.63%	216	Near Au-workin
BF/83/28	Boulder of quartz schist with banded py-cp-CaF ₂	8.3%	<10	137	52	0.828	17.2	11	8.41	156	Macalacokka
BF/83/29	Banded Fe ₃ O ₄ - quartz-epidote - cp - CaF ₂	1.62%	34	143	29	0.195	20.0	<10	27.1	1500	Kobbelva
BF/83/30	Boulder of acid metavolc. with py + CaF ₂ + (cp)	124	24	112	18	0.031	<0.5	<10	2.48	492	"
BF/83/37	10m Chip. Finegr. rusty greyw. with minor py + graph schist	83	24	133	-	<0.005	<0.5	<10	-	-	Losihyttene
BF/83/38	Composite from rusty grey-wacke zones	131	20	149	-	0.043	<0.5	95	-	-	"
BF/83/39	Boulder Pyritic greywacke	157	34	226	-	0.005	<0.5	<10	-	-	Losiv. NE
BF/83/40	"	66	34	76	-	<0.005	<0.5	<10	-	-	"
BF/83/41	"	188	18	259	-	<0.005	<0.5	14	-	-	"
BF/83/42	"	155	44	243	-	0.019	<0.5	<10	-	-	"
BF/83/43	Composite from scree of pyritic greyw. + graph. schist	142	150	310	-	0.014	0.6	15	-	-	"

TABLE II A (Cont'd)
 Mapsheet Skjomedalen 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
BF/83/62	Boulder of quartzdiorite with po dissem.	109	10	11	-	<0.005	<0.5	<10	-	-	Cunojokka	
BF/83/66	Silicified metasedim. with py + cp dissem.	196	<10	40	-	<0.005	<0.5	<10	-	-	Gauteliv.	
BF/83/67	"	402	43	41	-	0.043	<0.5	<10	-	-	"	
BF/83/68	Greenstone with po + cp. dissem.	274	<10	152	-	<0.005	<0.5	<10	-	-	"	
BF/83/69	"	234	<10	168	-	<0.005	<0.5	<10	-	-	"	

TABLE II A (Cont'd)
 Mapsheet Skjomedalen 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description	Assay Results										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/MM/3	Migmatized biotite schist											Losihyttene
83/MM/4E	10m chip. banded rusty horizontal with graph. schist	56	64	72	18	0.015	<0.5	23	3.59	454	"	
83/MM/4W	"	78	25	63	23	<0.005	<0.5	55	3.09	382	"	
83/MM/5	5m chip. rusty biotite schist											Losiv.
83/MM/6	Weakly foliated rock with quartz aggregates	<10	23	101	-	<0.005	<0.5	42	4.73	545	Sordalen	
83/MM/7	Porphyritic with epidotised phenocrysts	<10	13	114	-	<0.005	<0.5	<10	4.77	1007	"	"
83/MM/8	Aplitic rock	<10	10	134		<0.005	<0.5	<10	5.22	916	"	
83/MM/9	Porphyritic schist	<10	19	124		<0.005	<0.5	<10	4.99	963	"	"
83/MM/10	Biotite schist with quartz phenocrysts	12	16	155		0.017	<0.5	<10	5.56	1162	"	
83/MM/11	Biotite spottled rock	32	16	115		<0.005	<0.5	<10	4.89	926	"	"
83/MM/12	Quartzite?	<10	21	39		<0.005	<0.5	<10	1.67	225		

TABLE II A (Cont'd)
 Mapsheet Skjomedalen 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/MM/15 ₁	Chip 10m. Quartz biotite schist with py	78	60	396	-	<0.005	<0.5	-	-	-	Iptov.	
83/MM/15 ₂	"	109	68	409	-	<0.005	<0.5	-	-	-	"	
83/MM/16	Grey pophyritic rock	62	14	138	-	<0.005	<0.5	<10	7.47	1362	Gauteliv.	
83/MM/19	Limest. with cp	1067	11	229	-	0.041	4.2	-	-	-	"	
83/MM/38 ₁	Porphyroblastic q.rich rock with py veins	1644	77	146	-	0.046	1.0	<10	3.09	1212	Cunojokka	
83/MM/38 ₂	Boulder with py + malachite	1.13%	92	1582	-	0.060	7.8	-	-	-	"	
83/MM/39	Light grey rock with q.-phenocrysts	35	49	64	-	<0.005	<0.5	<10	1.87	493	"	
83/MM/40	Grey mica rich rock	<10	16	68	-	<0.005	<0.5	<10	4.44	498	"	
83/MM/41	Mica + q. rich rock with q. phenocrysts	11	16	39	-	<0.005	<0.5	<10	2.92	492	"	
83/MM/63	Laminated q.-epid. rich rock with Fe ₃ O ₄	<10	<10	21	-	<0.005	<0.5	<10	1.32	164	SE of Losihyttene	

TABLE II A (Cont'd)
 lapsheet Skjomedalen 1:50,000
 Rock Analysis - 1983

Sample No.	Sample Description	Assay Results ppm										Locality:
		Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn		
83/MM/64	Light q.rich rock with Fe ₃ O ₄	<10	<10	19	-	<0.005	<0.5	<10	2.90	199	Norddalen	
83/MM/65	Limestone with Fe ₃ O ₄	677	<10	383	-	<0.005	<0.5	<10	25.0	607	Gauteliv.	
83/MM/66	Med.gr. granite with CaF ₂	15	15	21	-	<0.005	<0.5	<10	1.04	208	Losihyttene	
83/MM/67	Chipsample from rusty horizon	37	<10	100	-	0.009	<0.5	18	3.72	310	Losiv. NE	
83/MM/68	"	37	26	133	-	<0.005	<0.5	13	2.98	303	"	
83/MM/69	"	34	<10	142	-	<0.005	<0.5	<10	3.42	249	"	
83/MM/70	Acid volc. with tourm.	<10	14	38	-	0.009	<0.5	<10	1.76	154	Sørdalen	
83/MM/71	Pegmatite with q.-CaF ₂ - mica	<10	26	20	-	<0.005	<0.5	<10	0.62	65	"	
83/MM/72	Acid volc. with tourm.	<10	28	39	-	<0.005	<0.5	<10	1.27	140	"	

TABLE II A (Cont'd)
Lapshet Skjmdalen 1:50,000
Rock Analysis - 1983

Assay Results ppm

Sample No.	Sample Description	Cu	Pb	Zn	Co	Au	Ag	As	Fe%	Mn	Locality:
83/GD/1	Rustzone with graphite horizons	103	15	126	-	0.009	<0.5	<10	293	394	Losihyttene
83/GD/11	Acid volc.	14	12	46	-	0.005	<0.5	<10	282	397	Cunojokka
83/GD/45A	Metaandesite porph.	<10	13	93	-	<0.005	<0.5	<10	727	915	Sördalen
83/GD/46A	Acid volc.	<10	22	43	-	<0.005	<0.5	<10	1.35	221	"
83/GD/58	Rustzone with graph. horizons	28	32	153	-	<0.005	<0.5	<10	37	424	Losihyttene
83/GD/59	"	47	24	100	-	0.017	<0.5	14	268	325	"
83/GD/192	Rustzone in greywacke	34	<10	144	-	<.005	<0.5	<10	-	-	Gauteliv.
83/GD/195	Rusty marble contact	689	12	484	-	<.005	0.6	<10	-	-	"
83/GD/200	Boulder of rusty and magnetite rich gabbro	41	<10	100	-	<.005	<0.5	12	-	-	Cunojokka
83/GD/201	Boulder of rusty garnet amphib.	175	<10	199	-	<.005	<0.5	<10	-	-	"
83/GD/228	Acid vole. with magnetite	<10	41	69	-	<.005	<0.5	<10	-	-	Norddalen
OS/83/255	Sulphide dissem. in granite	<10	14	<10	-	<.005	<.05	84	-	-	Macalacokka
OS/83/256	"	1134	11	<10	-	0.060	<0.5	67	-	-	"
OS/83/257	"	75	12	<10	-	<.005	<0.5	<10	-	-	"

3.2.2 Discussion

Most of the sampling can be referred to objective b), see p.2. Besides the actual Au-As workings at Kjørsvann and surrounding lithologies, the initial interest for the Rombaken window was created by the extensive and strongly rusty horizons within the greywackes. During the field program the interest for this unit increased as it was shown also to contain disseminated to massive basemetal mineralization with Au-Ag credits. Hence, most of the rock samples have been collected within the rusty parts of the greywackes. Mainly, the rust can be ascribed to dissemination of pyrite and/or pyrrhotite.

148 samples, including systematic profile chip sampling, come from this unit, excluding samples from workings and mineralization with any basemetal value >0.5%.

Max. min. and mean values for Cu, Pb, Zn and As are given in Table III below:

TABLE III

	Max.	Min.	Mean	Comments:	Krauskopf: Average shale
Cu (ppm)	548	10	90		57
Pb "	2885	<10	91	(22 samples <10 ppm calculated as 5 ppm)	20
Zn "	2489	25	253		80
As "	1285	<10	40	(68 samples <10 ppm calculated as 5 ppm)	6.6
As "	416	<10	80	(7 samples from workings)	

The most important information from this table is that a significant amount of metals occur in the system, - high stream sediment values have to be expected when drained from the greywackes particularly those with abundant rust horizons. High arsenic may signify basemetal concentration as indicated by the bottom horizontal column in the table. These samples represent workings or other localities with high Pb, Zn, (Cu) values. But the column is based only on seven samples and not conclusive.

Another unit which has been subject to a systematic sampling, the mixed volcanic package in Sjørdalen (MM6-12, Table II A), reveals low background values.

It is recommended that the rock assay result maps be used as overlays to the geological and stream sediment anomaly maps.

4. CONCLUSION AND RECOMMENDATION

The stream sediment geochemical program has resulted in the location of a number of anomalies.

Some of these are single-point, one-element anomalies while others (and naturally the most attractive ones) are large with multielement characteristics.

The latter type is mainly confined to one and the same lithological unit (inlier) which extends roughly north-south for some 40 km.

In the southern part south of Rombaken, this unit is not satisfactorily sampled due to drainage pattern and lack of access. Still, attractive anomalies such as the Klubbvatn and Leirvatn anomalies have been detected.

At Haugfjellet, 2 multielement anomalies can be distinguished, partly overlapping at the 90th percentile contour. The northern one, Haugfjellet North, is partly associated with the small but rich Cu, Pb, Zn-mineralization rediscovered last summer (see Fig. 8).

This association renders the others and particularly the Haugfjellet south anomaly very interesting.

These anomalies are first priority targets. Follow-up by detailed rock chip geochemistry and detailed geology will commence first thing the coming season. Work will start at Haugfjellet and then proceed southwards.

The Cunojokka-Cunojavri anomalies with arsenic, gold, copper and some cobalt are associated with a different lithological unit or units. Information is scarce but they could relate to a Au-As mineralization of Kjørsvatn type. Free gold occurred in heavy fraction material at Cunojokka, see report no. 83-670-5.

The Cu-Co anomaly along the Caledonian nappe southwest of Rombaksbotn may be related to the actual nappe rocks. Follow up work will attempt to test this assumption. An extended program along other parts of the nappe structure could become of interest, but is currently given a low priority.

Gold has been established as a high background element within Rombaken and adds to the multielement characteristic of the above anomalies. The highest values of gold in stream sediments, however, are found within the granitoids; this is in spite of scattered sample-localities compared to the sample density within the supracrustal inliers.

These anomalies will have to be followed up with a combination of detailed geochemistry and geology. They are possibly shear-vein and/or alteration associated. At this stage, only a generalized granitoid hosted gold target may exist within the window.

The rock geochemistry has established that a high background of basemetals and arsenic occurs within the main supracrustal inlier, which is particularly associated with the extensive rusty horizons.

A considerable potential for precious metal credit is indicated from assays on basemetal mineralization at Haugfjellet and Sildvikskaret. Gold concentrations up to 3.3 ppm also occur in rusty horizons at Raudtind.

Further rock geochemistry will mainly be used for detailed follow up work of anomalies, i.e. systematic rock chip sampling on grid.



Fig. 2

 ARCO Norway Inc. Hard Minerals Section				
NARVIK - GRATANGEN Stream Sediment Geochem. Pb, As, Cu, Zn, Au				
Drawn/traced:	BF/AA	Date:	Feb. 84	Centre: Oslo
Report No:	83-670-7	Project No:	670	Drawing No: 16
			Map Sheet: 1431 IV 1432 III	Scale: 1:50 000

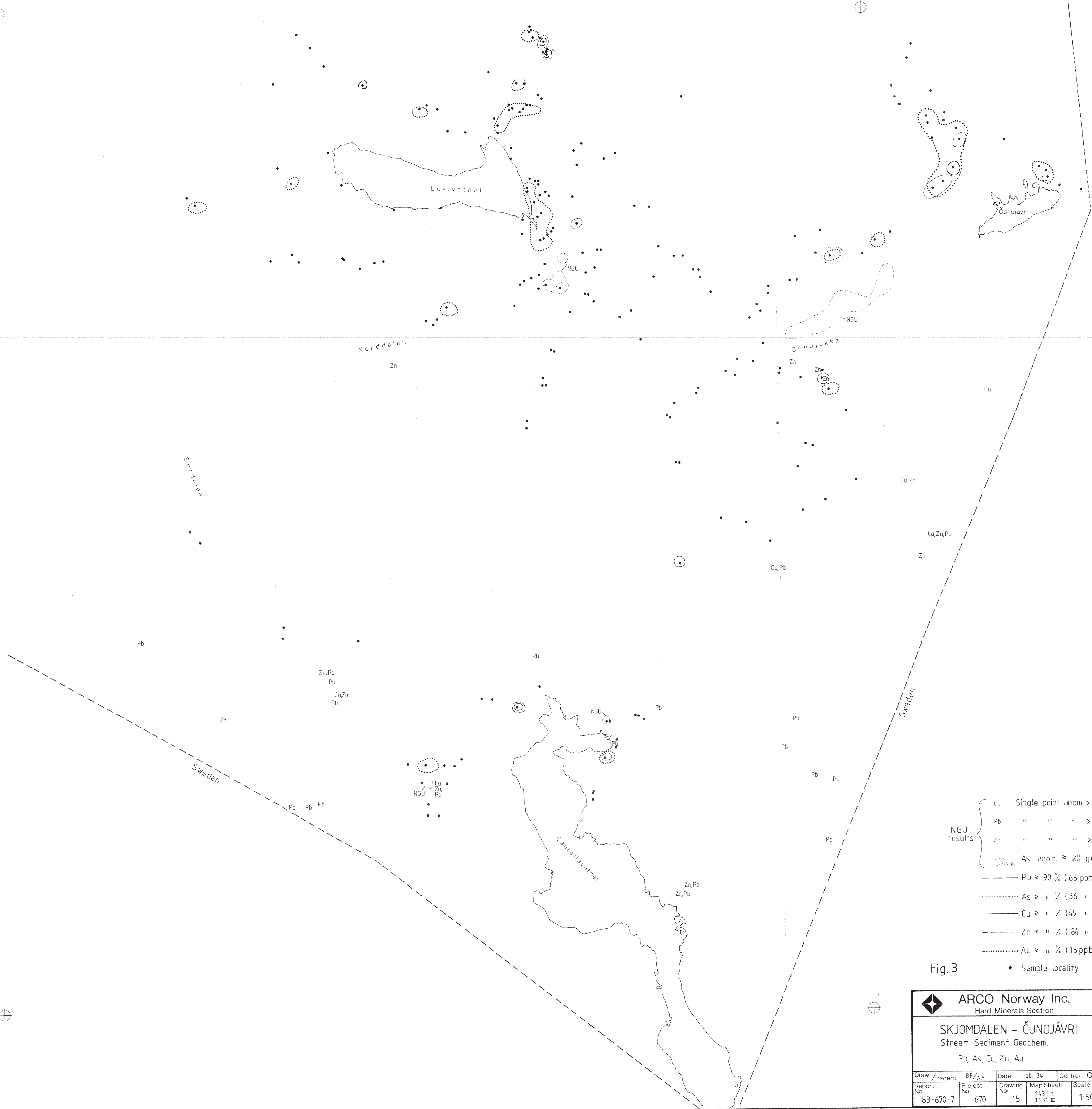


Fig. 3

 ARCO Norway Inc. Hard Minerals Section				
SKJOMDALEN - ČUNOJÁVRI Stream Sediment Geochem.				
Pb, As, Cu, Zn, Au				
Drawn/Traced:	BF/AA	Date:	Feb. 84	Centre: Oslo
Report No:	83-670-7	Project No:	670	Drawing No: 15
			Map Sheet: 1431 II	Scale: 1:50 000
			1431 III	

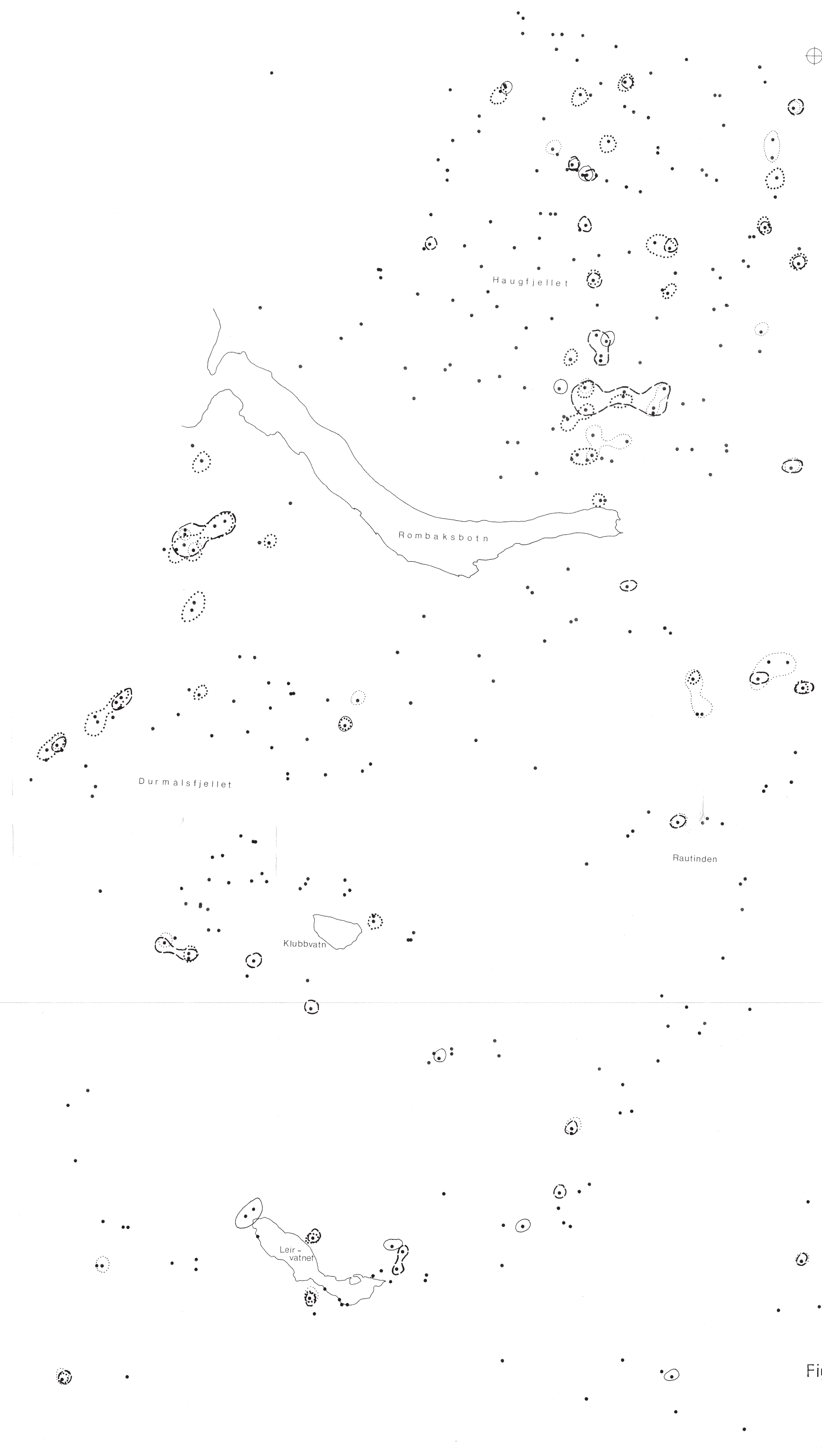
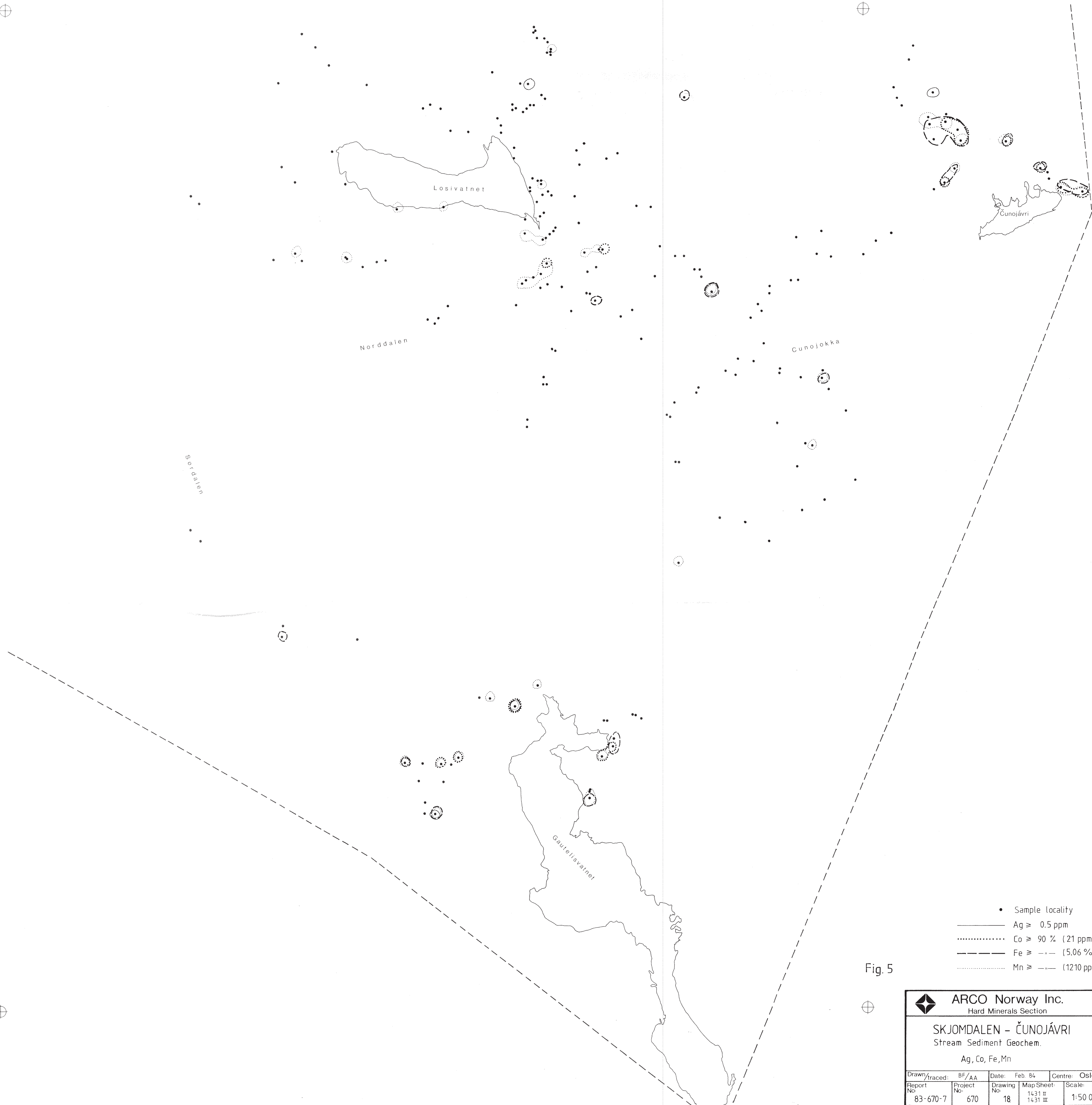


Fig. 4

- Sample locality
- Ag $\geq$ 0.5 ppm
- Co $\geq$ 90 % (21 ppm)
- Fe $\geq$ — (5.06 %)
- Mn $\geq$ — (1210 ppm)

 ARCO Norway Inc. Hard Minerals Section				
NARVIK - GRATANGEN Stream Sediment Geochem. Ag, Co, Fe, Mn				
Drawn/Traced:	BF/AA	Date:	Feb 84	Centre: Oslo
Report No:	Project No:	Drawing No:	Map Sheet:	Scale:
83-670-7	670	17	1431 II 1432 III	1:50 000



- Sample locality
- Ag $\geq$ 0.5 ppm
- Co $\geq$ 90 % (21 ppm)
- Fe $\geq$ — (5.06 %)
- Mn $\geq$ — (1210 ppm)

Fig. 5

**ARCO Norway Inc.**
Hard Minerals Section

SKJOMDALEN - ČUNOJÁVRI
Stream Sediment Geochem.
Ag, Co, Fe, Mn

Drawn/traced:	BF/AA	Date:	Feb. 84	Centre:	Oslo
Report No:	83-670-7	Project No:	670	Drawing No:	18
				Map Sheet:	1431 II 1431 III
				Scale:	1:50 000

LEGEND:

- Grab sample
- / Composite sample
- ♀ Sample from workings
- Chipsamples along profile
- △ Boulder sample
- △ Scree

Fig. 6

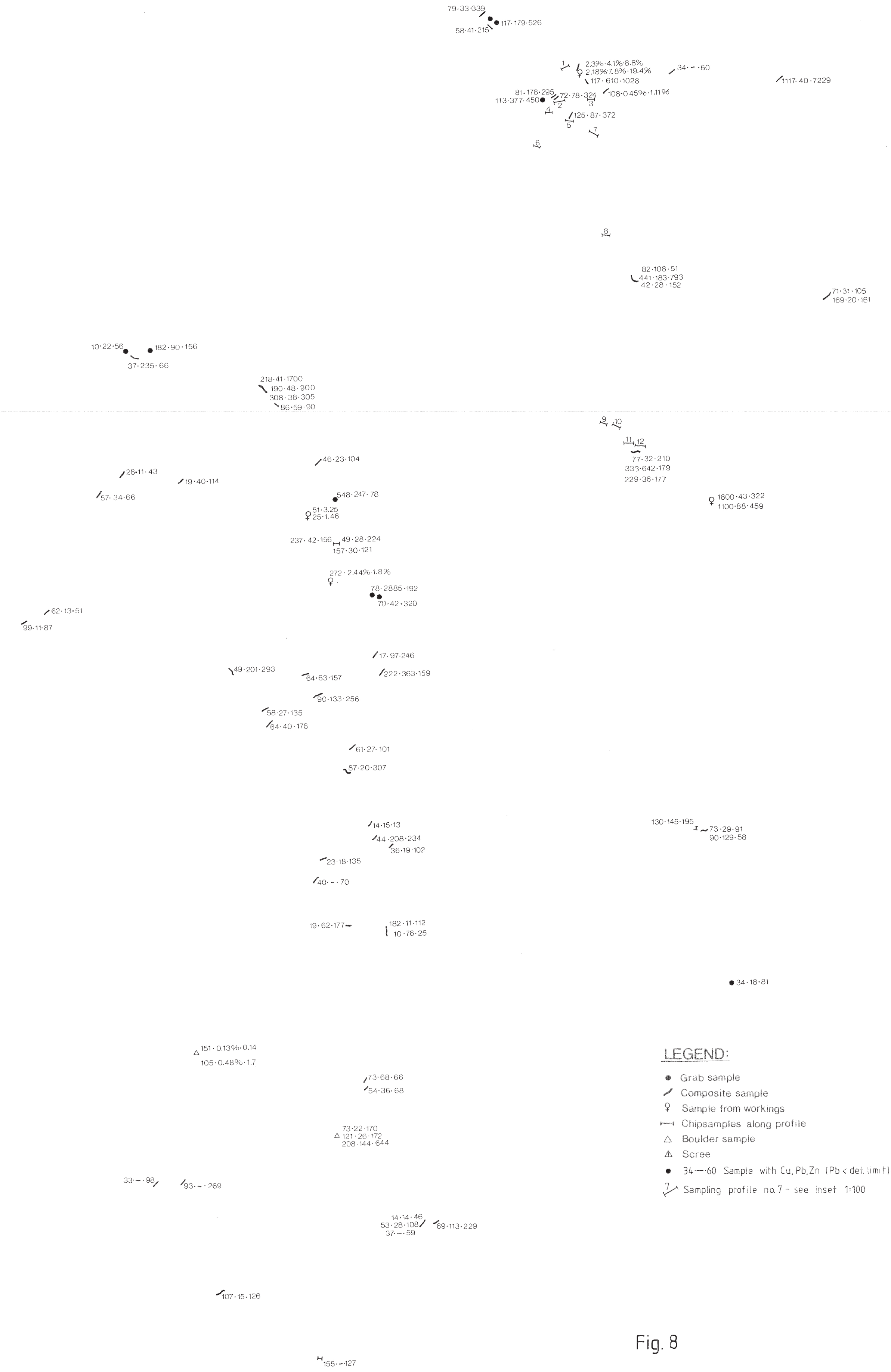
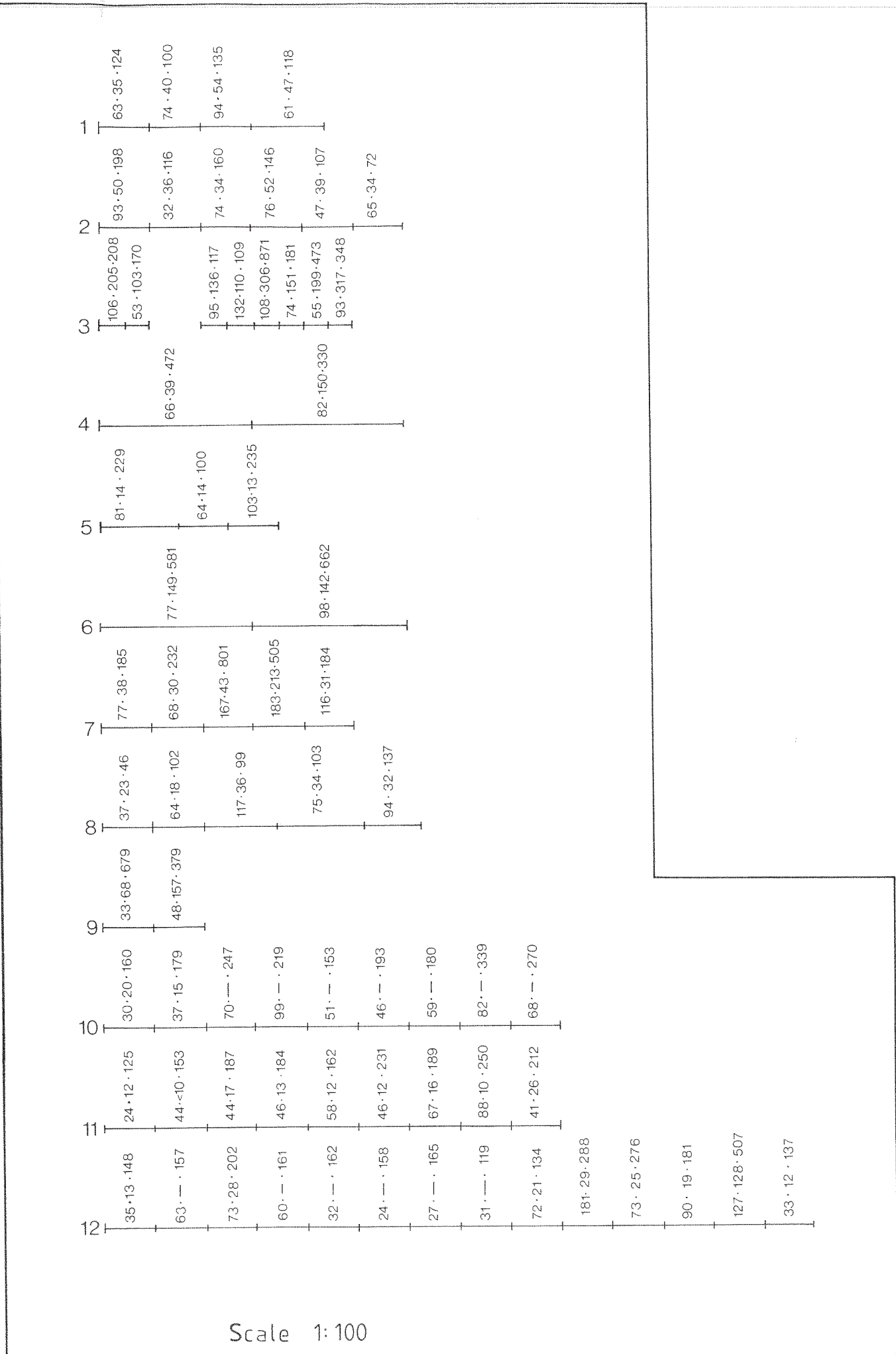
 ARCO Norway Inc. Hard Minerals Section				
NARVIK				
Rock Sample Localities with Sample No.				
Drawn/Traced: BF/AA		Date: Feb. 84		Centre: Oslo
Report No: 83-670-7	Project No: 670	Drawing No: 03	Map Sheet: 1431 II	Scale: 1:50 000

LEGEND:

- Grab sample
- Composite sample
- ♀ Sample from workings
- Chipsamples along profile
- △ Boulder sample
- △ Scree

Fig. 7

 ARCO Norway Inc. Hard Minerals Section				
SKJOMDALEN Rock Sample Localities with Sample No.				
Drawn/traced: BF / AA		Date: Feb. 84		Centre: Oslo
Report No: 83-670-7	Project No: 670	Drawing No: 04	Map Sheet: 1431 III	Scale: 1:50 000



- LEGEND:**
- Grab sample
 - Composite sample
 - ♀ Sample from workings
 - Chipsamples along profile
 - △ Boulder sample
 - Scree
 - 34-60 Sample with Cu,Pb,Zn (Pb < det.limit)
 - Sampling profile no.7 - see inset 1:100

Fig. 8

 ARCO Norway Inc. Hard Minerals Section				
NARVIK ROCK SAMPLES				
Cu, Pb, Zn assay results ppm				
Drawn/traced: BF/AA		Date: Feb. 84		Centre: Oslo
Report No: 83-670-7	Project No: 670	Drawing No: 05	Map Sheet: 1431 IV	Scale: 1:50 000



109.68.409H 78.60.396

1.63% 34.143
△ 124.24.112
- 13.93
- 14.38
- 26.20
- 28.39
- 21.39
12.16.155
32.116.115
- 19.124
- 10.134
- 13.114
- 23.101

224.11.67

694.32.70

101.28.155
310.35.36
135.15.26
26.11.27
68.16.33
3600.42.32
11.17.74
44.11.79
41.23.61
153.15.61
577.13.14
- 11.47

689.12.484
677.11.229
62.14.138
84.11.144

196.11.40
402.43.41
234.11.168
274.11.152

37.26.133
37.11.100
34.11.142
142.150.310

186.18.259
155.44.243
157.34.226
66.34.76

23.31.35
14.32.43
22.44.27

221.24.139

56.64.72
78.25.63

131.20.149
28.32.153
15.15.21
47.24.100
83.24.133

103.15.126

41.69

11.21

11.19

41.11.100

161.76.930

35.49.64
11.16.39
175.11.199
109.10.11

113% 92.1582
1644.77.146

14.12.46

LEGEND:

- Grab sample
- Composite sample
- Sample from workings
- Chipsamples along profile
- △ Boulder sample
- △ Scree
- 34.11.142 Sample with Cu,Pb,Zn (Pb < det.limit)

Fig. 9



ARCO Norway Inc.
Hard Minerals Section

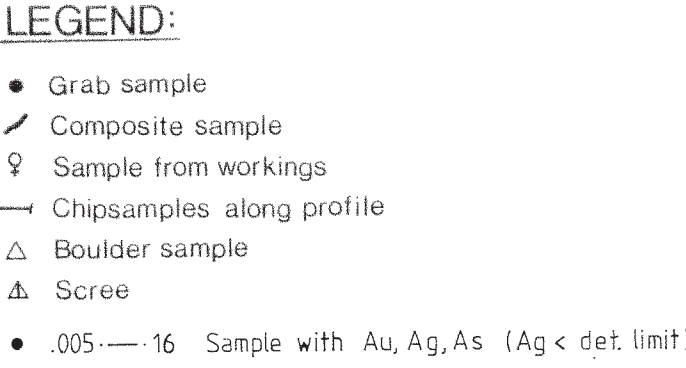
SKJOMDALEN
ROCK SAMPLES

Cu, Pb, Zn assay results ppm

Drawn/Traced:	BF/AA	Date:	Feb. 84	Centre:	Oslo
Report No:	Project No:	Drawing No:	Map Sheet:	Scale:	
83-670-7	670	06	1431 III	1:50 000	


$$H_{-0.6-22}$$

		ARCO Norway Inc. Hard Minerals Section	
		NARVIK ROCK SAMPLES Au, Ag, As assay results ppm	
Drawn/traced: BF/AA	Date: Feb. 84	Centre: Oslo	
Report No: 83-670-7	Project No: 670	Drawing No: 07	Map Sheet: 1431 IV
		Scale: 1:50 000	



 ARCO Norway Inc. Hard Minerals Section				
SKJOMDALEN ROCK SAMPLES				
Au, Ag, As assay results ppm				
Drawn/traced: BF/AA		Date: Feb. 84		Centre: Oslo
Report No: 83-670-7	Project No: 670	Drawing No: 08	Map Sheet: 1431 III	Scale: 1:50 000

ANALYTICAL DATA, ROMBAKEN AREA 1983

OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
1	10318	1775	615800	7576950	EWX	5	R	0.1	2	0.001	38	54	113	2	35500	379
2	10379	1776	615800	7577050	EWX	4	R	0.1	18	0.001	41	46	125	18	33100	419
3	11065	1779	620800	7582600	EWX	4	R	0.1	22	0.007	2	17	30	22	14500	495
4	11071	1780	620800	7582600	EWX	5	R	0.1	14	0.007	2	26	31	14	12600	306
5	11074	1781	621850	7584600	EWX	4	R	0.1	2	0.001	21	12	38	2	19800	546
6	11092	1782	621800	7585100	EWX	4	R	0.1	13	0.005	11	13	26	13	13000	490
7	11093	1783	621900	7585200	EWX	4	R	0.1	2	0.010	12	13	29	2	12600	447
8	11095	1784	622750	7587200	EWX	4	R	0.1	2	0.007	17	13	40	2	16900	460
9	11097	1786	622800	7587800	EWX	4	R	0.1	2	0.001	17	12	44	2	21700	729
10	11103	1777	620450	7582200	EWX	5	R	0.1	2	0.001	2	10	10	2	7100	276
11	11106	1778	620450	7582200	EWX	4	R	0.1	2	0.005	2	2	11	2	9300	473
12	11122	1787	622200	7587000	EWX	4	R	0.1	2	0.001	14	14	30	2	20200	905
13	11135	1788	622250	7587100	EWX	4	R	0.1	2	0.007	14	21	53	2	25700	831
14	11156	1789	622000	7589250	EWX	4	R	0.1	12	0.015	16	16	188	12	51700	1580
15	11162	3810	617300	7551850	EWX	5	R	0.1	2	0.005	17	2	69	2	36500	758
16	11165	3811	617300	7551800	EWX	4	R	0.1	2	0.005	15	2	77	2	44100	1235
17	11172	3812	617300	7551600	EWX	5	R	0.1	2	0.001	14	2	75	2	56600	1376
18	11190	3813	617600	7552800	EWX	5	R	0.1	2	0.020	51	2	79	2	50500	1030
19	11213	3815	617600	7552800	EWX	4	R	0.1	2	0.001	40	2	65	2	50400	1219
20	11231	3816	617900	7553100	EWX	5	R	0.1	2	0.001	35	12	96	2	58200	1102
21	11243	3817	617900	7553300	EWX	5	R	0.1	2	0.001	33	2	71	2	54400	1066
22	11502	3818	617900	7553100	EWX	4	R	0.1	2	0.001	28	2	70	2	48200	949
23	11537	3819	612100	7552400	EWX	5	R	0.1	2	0.001	15	2	63	2	35400	883
24	11548	3820	612100	7552400	EWX	4	R	0.1	2	0.002	38	2	112	2	55100	1262
25	11571	3821	612600	7552400	EWX	5	R	0.1	2	0.001	13	14	51	2	29400	572
26	11574	3822	612600	7552400	EWX	4	R	0.1	2	0.043	2	2	41	2	29100	598
27	11581	3823	613100	7552400	EWX	5	R	0.1	35	0.001	34	2	144	35	45200	1363
28	11585	3825	613500	7556500	EWX	5	R	0.1	2	0.001	12	2	62	2	40700	988
29	11599	3825	613400	7552400	EWX	5	R	0.1	2	0.001	12	2	62	2	40700	988
30	11624	3826	613400	7552400	EWX	4	R	0.1	2	0.001	15	14	60	2	39200	877
31	11626	3827	613600	7552600	EWX	5	R	0.1	2	0.001	22	12	71	2	42800	1179
32	11633	3828	613600	7552600	EWX	4	R	0.1	2	0.001	32	14	83	2	45000	1223
33	11707	3829	613000	7551000	EWX	5	R	0.1	2	0.001	27	2	69	2	59200	1358
34	11707	3829	613000	7551000	EWX	5	R	0.1	2	0.001	27	2	69	2	59200	1358
35	11762	.	616300	7567650	EWX	5	R	.	.	.	.	.	.	.	.	.
36	12162	.	617300	7551850	EWX	5	R	.	.	.	.	.	.	.	.	.
37	12165	.	617300	7551800	EWX	4	R	.	.	.	.	.	.	.	.	.
38	12501	1253	612650	7588600	EWX	5	R	0.1	10	0.005	12	20	65	10	13600	278
39	12503	3830	615100	7554100	EWX	5	R	0.1	2	0.001	95	19	258	2	69300	2078

ANALYTICAL DATA, ROMBAKEN AREA 1983

OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
40	12504	3831	615700	7554700	EWC	5	R	0.1	2	0.001	27	18	87	2	47500	1303
41	12505	1254	612600	7588800	EWC	5	R	0.1	16	0.001	15	12	18	16	15400	836
42	12505	3832	617600	7553800	EWC	5	R	0.1	2	0.001	20	20	61	2	33400	788
43	12506	3833	617700	7553800	EWC	5	R	0.1	2	0.001	22	20	62	2	46800	960
44	12507	3834	618650	7553900	EWC	5	R	0.1	2	0.001	22	25	54	2	26200	460
45	12508	1255	612250	7588300	EWC	5	R	0.1	2	0.001	18	15	45	2	20800	537
46	12508	3836	618500	7554000	EWC	5	R	0.1	2	0.001	16	21	56	2	32000	589
47	12509	3837	618500	7554000	EWC	4	R	0.1	2	0.001	16	17	64	2	30900	577
48	12510	1256	612200	7588800	EWC	5	R	0.1	2	0.001	15	17	25	2	15100	434
49	12510	3838	618400	7554000	EWC	5	R	0.1	2	0.001	27	26	55	2	39800	1166
50	12511	3839	618700	7592700	EWC	5	R	0.1	23	0.001	21	92	207	23	27800	718
51	12512	3840	618700	7592700	EWC	4	R	0.1	33	0.001	32	105	282	33	35800	803
52	12513	1257	611900	7589300	EWC	5	R	0.1	2	0.001	12	69	42	2	17500	273
53	12513	2792	616150	7597300	EWC	4	R	0.1	2	0.001	2	11	31	2	15900	259
54	12514	3841	613600	7576200	EWC	5	R	0.1	14	0.001	26	27	57	14	25700	977
55	12515	3842	613600	7576200	EWC	5	R	0.1	2	0.001	19	20	51	2	23300	694
56	12516	3843	613500	7576200	EWC	5	R	0.1	2	0.045	36	26	72	2	34800	1220
57	12517	3844	615500	7568400	EWC	5	R	0.1	2	0.001	24	37	69	2	35500	1117
58	12518	1258	611600	7589300	EWC	5	R	0.1	2	0.009	15	19	37	2	12400	238
59	12518	3845	615400	7568500	EWC	5	R	0.1	2	0.010	31	27	104	2	38700	1114
60	12519	3846	615200	7568700	EWC	5	R	0.1	2	0.001	29	19	67	2	33700	1405
61	12520	2746	626550	7569100	EWC	5	R	0.1	2	0.001	29	2	88	2	49200	1013
62	12521	2745	626600	7569800	EWC	5	R	0.1	2	0.001	14	2	61	2	44200	1071
63	12522	1259	612700	7588600	EWC	4	R	0.1	14	0.001	16	36	66	14	13200	428
64	12522	2744	626150	7570400	EWC	5	R	0.1	2	0.001	19	2	78	2	54400	1171
65	12523	2742	626150	7570400	EWC	4	R	0.1	2	0.019	15	2	66	2	41700	1019
66	12524	2741	625950	7571000	EWC	5	R	0.1	2	0.024	14	2	62	2	49900	1226
67	12525	2740	625050	7571500	EWC	5	R	0.1	2	0.001	10	2	56	2	35400	570
68	12526	1260	613400	7588500	EWC	5	R	0.1	12	0.206	41	53	104	12	25100	569
69	12526	2739	624950	7571800	EWC	5	R	0.1	2	0.001	2	27	23	2	7700	127
70	12527	1261	612700	7588600	EWC	5	R	0.1	2	0.001	16	29	94	2	14000	306
71	12527	2738	625450	7573000	EWC	5	R	0.1	2	0.001	16	2	70	2	41900	1002
72	12528	2737	625350	7572600	EWC	5	R	0.1	2	0.001	2	11	74	2	40500	1080
73	12529	1262	625350	7572600	EWC	5	R	0.1	2	0.001	20	25	119	2	19600	454
74	12529	2736	625350	7572600	EWC	4	R	0.1	2	0.001	2	2	69	2	37900	1047
75	12530	1263	615250	7583750	EWC	5	R	0.6	77	0.017	55	457	276	77	47800	452
76	12530	2735	626050	7571700	EWC	5	R	0.1	2	0.001	15	2	112	2	50600	1146
77	12531	2734	626450	7571100	EWC	5	R	0.1	2	0.001	27	2	67	2	47900	1010
78	12532	2733	626200	7569000	EWC	5	R	0.1	2	0.001	62	20	160	2	45700	792

ANALYTICAL DATA, ROMBAKEN AREA 1983

OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
79	12533	2732	626200	7569000	EWC	4	R	0.1	2	0.001	53	19	115	2	40100	761
80	12537	1264	615300	7583900	EWC	5	R	0.1	18	0.001	31	110	140	18	32500	437
81	12538	2728	624300	7567100	EWC	5	R	0.1	29	0.012	15	2	63	2	29300	546
82	12540	2731	625100	7567700	EWC	4	R	0.1	29	0.012	15	2	68	29	34400	562
83	12541	2729	624650	7567500	EWC	5	R	0.1	2	0.053	16	11	57	2	31000	505
84	12542	2730	624650	7567500	EWC	4	R	0.1	2	0.019	16	16	55	2	29300	458
85	12543	1735	615400	7599200	EWC	4	R	0.1	36	0.015	14	39	98	36	25400	702
86	12544	1734	615500	7599800	EWC	5	R	0.1	2	0.007	2	18	42	2	19700	441
87	12545	1733	616000	7600000	EWC	4	R	0.1	2	0.009	2	13	27	2	12000	391
88	12546	1732	616000	7600000	EWC	5	R	0.1	2	0.001	2	14	27	2	13900	436
89	12547	1265	615200	7583750	EWC	5	R	0.6	76	0.007	53	424	257	76	43200	415
90	12547	1731	616500	7600900	EWC	4	R	0.1	44	0.015	30	99	224	44	25600	810
91	12548	1730	616500	7600950	EWC	5	R	0.1	30	0.018	31	86	259	30	30600	783
92	12549	1725	616400	7589500	EWC	5	R	0.1	2	0.022	2	21	29	2	13600	377
93	12550	1726	617300	7590900	EWC	4	R	0.1	16	0.014	11	22	44	16	14500	546
94	12551	1727	618300	7590300	LWB	5	R	0.1	2	0.017	2	16	34	2	16900	662
95	12552	1728	618200	7590250	EWC	5	R	0.1	2	0.014	2	18	35	2	11900	320
96	12553	1729	617700	7589850	EWC	5	R	0.1	2	0.009	2	19	27	2	7300	146
97	12555	1756	620700	7589200	EWC	5	R	0.1	48	0.026	52	39	303	48	46600	1564
98	12556	1755	620800	7588500	EWC	4	R	0.1	67	0.009	34	122	71	67	36300	722
99	12558	1267	614500	7584200	EWC	5	R	0.1	21	0.009	34	122	120	21	33000	417
100	12560	1268	613900	7584900	EWC	5	R	0.1	2	0.012	22	69	179	2	41100	664
101	12562	1269	614000	7584700	EWC	5	R	0.1	11	0.001	30	84	152	11	34900	497
102	12564	1270	613900	7584600	EWC	5	R	0.1	2	0.081	18	50	70	2	21600	326
103	12565	1271	614500	7584100	EWC	5	R	0.1	38	0.001	51	179	245	38	33500	602
104	12567	3847	618500	7594000	EWC	4	R	0.1	51	0.001	27	29	158	51	34900	1226
105	12568	3848	618500	7593600	EWC	4	R	0.1	55	0.001	29	74	348	55	41500	1270
106	12569	3849	618700	7593550	EWC	4	R	0.1	18	0.015	38	55	236	18	43200	713
107	12570	1272	608600	7574700	EWC	5	R	0.1	2	0.001	2	32	47	2	20900	470
108	12570	3850	618900	7593500	EWC	4	R	0.1	219	0.001	78	134	651	219	78000	1214
109	12571	1273	609300	7577000	EWC	4	R	0.1	2	0.001	2	15	17	2	12600	299
110	12571	3851	619200	7593900	EWC	5	R	0.1	64	0.001	32	161	580	64	33000	1255
111	12572	3853	618350	7594500	EWC	5	R	0.1	87	0.001	36	70	371	87	56100	1038
112	12573	1274	609900	7574800	EWC	5	R	0.1	2	0.001	2	20	48	2	28300	466
113	12573	3854	618300	7594950	EWC	5	R	0.1	520	0.001	89	270	993	520	63900	1157
114	12574	3855	618300	7594950	EWC	4	R	0.1	924	0.001	98	394	1042	924	78600	1544
115	12575	1275	613000	7584700	EWC	5	R	0.1	27	0.046	39	118	147	27	29800	602
116	12575	3856	617800	7594900	EWC	5	R	0.6	135	0.001	37	50	171	135	36200	653
117	12576	1276	613100	7584800	EWC	5	R	0.1	18	0.001	38	41	85	18	25000	315

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
118	12576	3857	617900	7594350	EWC	4	R	0.1	47	0.001	20	20	68	47	30200	685
119	12577	3858	617900	7594350	EWC	5	R	0.1	40	0.001	27	27	92	40	33200	661
120	12578	3859	618000	7594300	EWC	5	R	0.1	208	0.001	51	76	552	208	39700	742
121	12579	1277	613150	7584900	EWC	5	R	0.1	29	0.001	45	78	114	29	28400	326
122	12579	3860	613500	7577700	EWC	5	R	0.1	33	0.001	111	39	186	33	58200	849
123	12580	3861	613500	7577700	EWC	4	R	0.1	52	0.001	109	41	158	52	50000	758
124	12581	3862	613800	7576700	EWC	5	R	0.1	2	0.001	22	21	76	2	28700	598
125	12582	3863	614100	7576500	EWC	5	R	0.1	2	0.001	10	19	36	2	17900	518
126	12583	3864	614250	7576400	EWC	4	R	0.1	2	0.001	12	22	24	2	10200	391
127	12584	1278	608500	7580200	EWC	5	R	0.1	2	0.001	2	56	65	2	18700	336
128	12584	3865	614250	7576400	EWC	5	R	0.1	2	0.001	31	35	62	2	22400	349
129	12585	3866	613500	7576500	EWX	5	R	0.1	2	0.002	79	38	172	2	62500	1067
130	12586	3867	612400	7577700	EWC	5	R	0.1	23	0.001	70	45	117	23	38500	438
131	12587	1279	609300	7577900	EWC	5	R	0.1	2	0.001	2	30	72	2	24000	395
132	12587	3868	615200	7568800	EWC	5	R	0.1	2	0.001	30	22	67	2	41400	931
133	12588	3870	614400	7569700	EWC	5	R	0.1	2	0.001	24	18	103	2	32800	649
134	12589	1280	609200	7577000	EWC	5	R	0.1	2	0.001	2	34	48	2	17200	450
135	12589	3871	614400	7569700	EWC	4	R	0.1	2	0.001	15	12	65	2	27500	600
136	12590	3872	614900	7568600	EWC	5	R	0.1	2	0.001	24	22	88	2	34500	677
137	12591	3873	615100	7568800	EWC	5	R	0.1	2	0.001	25	24	112	2	34800	671
138	12592	3874	615100	7568800	EWC	4	R	0.1	2	0.001	15	13	60	2	26000	620
139	12593	2852	616900	7595700	EWC	5	R	0.1	129	0.007	26	31	137	129	32800	780
140	12594	2853	616900	7595700	EWC	4	R	0.1	148	0.001	18	21	96	148	28300	675
141	12597	1281	608900	7580500	EWC	5	R	0.1	14	0.001	36	28	170	14	38200	625
142	12598	1282	607500	7586700	EWC	5	R	0.1	2	0.001	13	94	153	2	22600	513
143	12603	1283	607800	7587300	EWC	5	R	0.1	2	0.001	64	32	159	2	47700	1026
144	12606	1284	607800	7587300	EWC	4	R	0.1	11	0.001	14	80	100	11	20500	425
145	12614	1285	607800	7587100	EWC	5	R	0.1	2	0.001	18	66	137	2	28200	534
146	12615	1286	608100	7587300	EWC	4	R	0.1	2	0.001	11	18	64	2	28800	569
147	12616	1287	608100	7587300	EWC	5	R	0.1	2	0.001	2	21	58	2	19400	462
148	12618	1295	608000	7587400	EWC	5	R	0.1	10	0.001	105	33	230	10	54900	1500
149	12623	3875	612700	7551300	EWC	5	R	0.1	2	0.001	14	13	47	2	27400	564
150	12626	1288	608750	7588000	EWC	5	R	0.1	2	0.001	110	18	119	2	47600	1070
151	12628	1290	608800	7587900	EWC	5	R	0.1	17	0.001	40	46	265	17	38100	1038
152	12634	3876	612500	7551900	EWC	5	R	0.1	2	0.001	11	11	34	2	28000	800
153	12635	1152	612300	7587500	EWC	5	R	0.1	2	0.004	13	26	47	2	12200	250
154	12637	1153	612300	7587500	EWC	4	R	0.1	2	0.005	25	27	47	2	11800	170
155	12644	1154	612650	7587000	EWC	5	R	0.1	2	0.002	37	27	78	2	46400	585
156	12645	1155	612650	7586900	EWC	4	R	0.1	2	0.001	27	31	77	2	30000	446

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
157	12650	1156	613000	7587700	EWC	4	R	0.1	2	0.001	22	25	60	2	24800	396
158	12653	1157	613300	7582300	EWC	5	R	0.1	2	0.001	32	51	120	2	52700	784
159	12658	1158	613200	7582850	EWC	5	R	0.1	2	0.001	42	44	89	2	47600	604
160	12659	1159	613200	7582850	EWC	4	R	0.1	2	0.001	22	26	51	2	30200	485
161	12663	1160	612100	7583200	EWC	5	R	0.1	2	0.002	35	56	148	2	61600	912
162	12664	1161	612100	7583200	EWC	4	R	0.1	2	0.001	27	43	131	2	51300	779
163	12666	1163	612000	7582900	EWC	5	R	0.1	10	0.012	38	47	105	10	35700	504
164	12668	1164	610800	7583200	EWC	5	R	0.1	13	0.004	72	93	301	13	50500	681
165	12672	1165	610800	7583200	EWC	4	R	0.1	2	0.001	41	55	188	2	36100	648
166	12672	1291	609300	7577000	EWC	5	R	0.1	2	0.001	16	24	25	2	24400	1287
167	12675	1166	610800	7583300	EWC	5	R	0.1	43	0.017	67	109	389	43	55800	852
168	12677	1167	610800	7583300	EWC	4	R	0.1	38	0.021	57	78	379	38	49900	754
169	12681	1168	610500	7583600	EWC	4	R	0.1	38	0.021	30	59	226	27	49200	886
170	12682	1169	610300	7583500	EWC	4	R	0.1	22	0.005	37	55	250	22	70200	1320
171	12684	1170	611400	7583800	EWC	5	R	0.1	20	0.001	31	52	119	20	38500	723
172	12690	1175	611200	7577000	EWC	5	R	0.1	10	0.001	17	34	92	10	36100	736
173	12690	3877	618200	7593600	EWC	5	R	0.1	107	0.002	20	34	153	107	28200	554
174	12691	1177	611200	7577200	EWC	5	R	0.1	14	0.001	50	32	119	14	46800	535
175	12691	3878	618200	7593600	EWC	4	R	0.1	172	0.001	13	31	103	172	24800	438
176	12692	3879	618100	7593500	EWC	5	R	0.1	39	0.001	31	52	321	39	27500	1050
177	12693	3880	618400	7593500	EWC	4	R	0.1	38	0.001	21	45	186	38	34000	1149
178	12694	3881	617400	7593200	EWC	5	R	0.1	2	0.001	2	17	25	2	19200	276
179	12695	3882	617400	7593200	EWC	4	R	0.1	2	0.001	2	14	17	2	10800	149
180	12696	3883	616700	7593100	EWC	5	R	0.1	69	0.001	19	42	191	69	32600	515
181	12697	3884	616700	7593100	EWC	4	R	0.1	59	0.001	2	28	29	59	14500	173
182	12698	3885	617000	7593800	EWC	4	R	0.1	65	0.001	13	31	99	65	27000	379
183	12699	3886	616800	7593800	EWC	5	R	0.1	11	0.001	2	21	48	11	14000	168
184	12700	3887	616800	7593800	EWC	4	R	0.1	16	0.001	2	12	22	16	9600	103
185	12701	1178	610700	7577100	EWC	5	R	0.1	2	0.001	15	31	72	2	34500	759
186	12701	3888	617100	7594900	EWC	5	R	0.1	83	0.001	29	24	112	83	37100	424
187	12702	3889	617100	7594900	EWC	4	R	0.1	77	0.001	15	17	77	77	32000	362
188	12703	3890	617700	7594100	EWC	4	R	0.1	43	0.001	2	19	64	43	19500	295
189	12704	3891	618100	7599200	LWN	5	R	1.2	49	0.001	101	373	333	49	42500	573
190	12705	3892	618100	7599200	LWN	4	R	0.6	38	0.001	69	270	284	38	44700	630
191	12706	3893	618100	7599200	LWN	5	R	1.2	54	0.029	89	345	301	54	42200	630
192	12707	1179	610700	7577000	EWC	5	R	0.1	11	0.001	34	28	122	11	43800	737
193	12707	3894	617900	7599400	LWN	5	R	3.6	493	0.009	145	636	170	493	120000	397
194	12708	3895	618000	7599300	LWN	5	R	0.1	2	0.001	2	39	64	2	21900	410
195	12709	1180	609800	7577800	EWC	5	R	0.1	16	0.001	24	33	99	16	36900	606

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
196	12709	3896	615100	7572800	EWC	5	R	0.1	2	0.001	32	16	59	2	16900	561
197	12710	3897	614900	7572800	EWC	5	R	0.1	2	0.001	22	10	64	2	24500	564
198	12711	3898	614900	7572800	EWC	5	R	0.1	2	0.001	23	13	61	2	24000	574
199	12712	3900	615200	7572700	EWC	5	R	0.1	24	0.001	66	71	152	24	3930000	402
200	12713	1183	609900	7587800	EWC	5	R	0.1	18	0.001	33	37	82	18	29900	370
201	12713	3901	614700	7571500	EWC	5	R	1.4	24	0.001	37	41	156	24	36600	521
202	12714	3902	614500	7571500	EWC	5	R	0.1	2	0.001	20	15	99	2	34600	634
203	12715	3903	614500	7571500	EWC	5	R	0.1	2	0.001	33	29	588	2	34200	584
204	12716	3904	613900	7570500	EWC	5	R	0.1	12	0.001	15	2	132	12	29100	470
205	12717	1182	608700	7579100	EWC	5	R	0.1	2	0.010	2	2	35	2	21000	408
206	12718	1181	609700	7577800	EWC	5	R	0.1	2	0.001	2	38	59	2	24700	447
207	12731	1184	609900	7587800	EWC	4	R	0.1	18	0.001	36	29	83	18	37800	392
208	12734	1185	610400	7588100	EWC	5	R	0.1	10	0.001	42	44	102	10	35100	337
209	12735	1186	610800	7588500	EWC	5	R	0.1	31	0.007	37	66	181	31	40400	801
210	12739	3905	616700	7602400	EWC	5	R	0.1	2	0.001	2	2	33	2	22200	459
211	12740	3906	616700	7602400	EWC	4	R	0.1	2	0.001	2	2	24	2	14500	307
212	12741	1187	610800	7588500	EWC	4	R	0.1	27	0.001	31	51	117	27	31800	755
213	12741	3907	617900	7601500	EWC	4	R	0.1	15	0.001	13	14	52	15	24100	510
214	12742	3908	617400	7602000	EWC	4	R	0.1	20	0.001	17	2	33	20	18300	675
215	12743	1188	610600	7588600	EWC	5	R	0.1	2	0.001	17	23	104	2	22900	419
216	12743	3910	618000	7602000	EWC	4	R	0.1	2	0.001	2	2	28	2	19100	824
217	12747	1189	610600	7588600	EWC	4	R	0.1	21	0.001	18	23	77	21	27000	616
218	12751	1190	609000	7584500	EWC	5	R	0.1	15	0.001	22	41	141	15	37800	645
219	12756	1340	616400	7587800	EWC	5	R	0.1	15	0.009	19	38	83	15	28100	374
220	12757	3912	614800	7567300	EWX	5	R	0.1	2	0.001	11	2	49	2	41000	1472
221	12758	3913	615500	7567300	EWX	5	R	0.1	2	0.001	20	10	49	2	26900	791
222	12759	3914	615600	7567400	EWC	5	R	0.1	2	0.001	12	2	40	2	26600	917
223	12760	3915	615650	7567500	EWC	5	R	0.1	2	0.001	22	2	54	2	25100	643
224	12761	3916	616100	7578700	EWC	5	R	0.1	37	0.001	48	36	75	37	28900	738
225	12762	1294	617600	7587300	EWC	5	R	0.1	51	0.007	11	24	57	51	19500	529
226	12762	3917	616300	7567650	EWC	5	R	0.1	29	0.001	49	19	118	29	42600	730
227	12763	1191	619400	7601300	EWC	5	R	0.1	34	0.004	30	17	89	34	35200	783
228	12766	1192	619400	7601300	EWC	4	R	0.1	43	0.001	30	16	73	43	30200	593
229	12768	1193	618900	7601100	EWC	5	R	0.1	31	0.001	41	35	177	31	55400	869
230	12771	1194	618400	7601050	EWC	5	R	0.1	29	0.002	41	22	74	29	49800	793
231	12773	1195	618400	7601050	EWC	4	R	0.1	32	0.039	23	31	71	32	33900	496
232	12776	1197	618900	7600600	EWC	4	R	0.1	17	0.001	13	2	54	17	31200	425
233	12777	1196	618900	7600600	EWC	5	R	0.1	2	0.001	19	31	81	2	32900	574
234	12782	1198	619100	7600500	EWC	5	R	0.1	2	0.001	21	18	67	2	42300	741

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
235	12783	1199	619400	7600400	EWC	5	R	0.1	13	0.001	17	15	37	13	36100	913
236	12784	1200	619600	7599800	EWC	5	R	0.1	2	0.001	11	17	33	2	25100	598
237	12790	2770	622500	7593500	EWC	4	R	0.1	2	0.001	53	228	604	2	69600	1745
238	12791	2769	621200	7593900	EWC	5	R	0.1	2	0.001	2	15	62	2	34900	355
239	12792	2768	621200	7593800	EWC	4	R	0.1	2	0.001	2	14	61	2	27200	462
240	12793	2767	620900	7593300	EWC	5	R	0.1	2	0.001	2	2	133	2	30800	582
241	12794	2791	620200	7593800	EWC	5	R	0.1	2	0.002	13	21	192	2	45200	778
242	12795	2789	620500	7593800	EWC	4	R	0.1	2	0.001	2	12	16	2	13200	172
243	12796	2788	620600	7599300	EWC	4	R	0.1	2	0.001	2	11	18	2	16300	206
244	12797	2774	620700	7594800	EWC	5	R	0.1	2	0.001	18	26	113	2	40000	729
245	12798	1202	619600	7599800	EWC	4	R	0.1	20	0.001	13	20	36	20	23600	401
246	12798	2775	620700	7594800	EWC	4	R	0.1	2	0.005	12	17	91	2	33700	701
247	12799	2776	620300	7594700	EWC	5	R	0.1	2	0.001	27	20	145	2	48800	806
248	12800	2777	619700	7594500	EWC	5	R	0.1	2	0.001	16	2	54	2	48200	841
249	12801	2778	619700	7594600	EWC	4	R	0.1	2	0.001	2	2	40	2	27400	470
250	12802	2779	619700	7594600	EWC	4	R	0.1	11	0.001	17	45	238	11	57300	1248
251	12803	1203	619600	7599700	EWC	4	R	0.1	36	0.001	17	22	56	36	30200	452
252	12803	2780	619100	7594800	EWC	5	R	0.1	48	0.001	39	43	203	48	49800	832
253	12804	2781	619100	7594900	EWC	4	R	0.1	38	0.001	46	161	174	38	51300	524
254	12805	2782	618600	7595500	EWC	5	R	0.1	47	0.007	43	617	285	47	45500	595
255	12806	2784	618700	7595900	EWC	4	R	2.0	645	0.001	79	60	315	645	83000	540
256	12807	2785	618500	7596600	EWC	5	R	0.1	14	0.001	24	18	86	14	39100	613
257	12808	2786	617600	7596300	EWC	5	R	0.1	65	0.001	39	136	245	65	44800	626
258	12809	1204	620500	7599400	EWC	5	R	0.1	2	0.001	10	15	39	2	25000	553
259	12809	3918	610600	7591400	EWC	5	R	0.1	2	0.001	165	2	140	2	84900	2876
260	12810	.	620800	7599200	EWC	4	R	0.1	2	0.001	32	.	.	2	29300	581
261	12810	3919	610000	7591400	EWC	5	R	0.1	2	0.001	73	2	65	2	29300	581
262	12811	3920	610400	7591700	EWC	4	R	0.1	2	0.001	73	2	85	2	69600	1218
263	12812	3921	610400	7591700	EWC	5	R	0.1	2	0.001	76	2	89	2	55700	1549
264	12813	3922	610400	7591800	EWC	4	R	0.1	2	0.001	2	2	91	2	88000	1186
265	12814	3923	610400	7591800	EWC	5	R	0.1	2	0.001	11	2	83	2	32100	1100
266	12815	3924	613700	7571800	LDN	.	R	0.1	12	0.001	46	28	170	12	44200	681
267	12816	1205	620500	7599400	EWC	4	R	0.1	2	0.001	10	13	43	2	25500	411
268	12816	3925	613700	7571800	LDN	5	R	0.1	27	0.001	42	23	153	27	43300	618
269	12817	1302	620050	7597300	EWC	5	R	0.1	2	0.001	42	15	52	2	27700	514
270	12817	3926	613700	7571800	LDN	4	R	0.1	2	0.001	41	37	153	2	38400	618
271	12818	1304	620950	7597250	EWC	5	R	0.1	2	0.004	11	23	50	2	32900	662
272	12818	3927	614700	7570800	EWC	5	R	0.1	2	0.005	24	24	49	2	19400	856
273	12819	3928	615300	7572350	EWC	5	R	0.1	68	0.001	31	34	71	68	21300	535

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
274	12820	1246	620950	7597250	EWC	4	R	0.1	2	0.001	11	20	49	2	32500	514
275	12820	3929	615200	7572400	EWC	5	R	0.1	2	0.012	28	59	109	2	22300	950
276	12821	3930	614850	7573000	EWC	5	R	0.1	2	0.001	31	32	64	2	23400	1008
277	12822	1247	619000	7599000	EWC	5	R	0.1	2	0.001	10	18	59	2	19700	385
278	12822	3931	617600	7602000	EWC	5	R	0.1	2	0.001	2	15	33	2	16500	600
279	12823	1297	619000	7599000	EWC	4	R	0.1	15	0.001	46	52	240	15	44300	1039
280	12823	3932	618700	7601800	EWC	5	R	0.1	54	0.017	35	24	36	54	25900	664
281	12824	3933	617500	7601700	EWC	5	R	0.1	2	0.001	24	10	63	2	24200	536
282	12825	1209	619900	7596900	EWC	5	R	0.1	67	0.012	65	91	176	67	48100	721
283	12825	3934	616800	7602000	EWC	5	R	0.1	38	0.004	15	18	55	38	31000	533
284	12826	3935	616800	7602000	EWC	4	R	0.1	2	0.001	2	16	14	2	15600	339
285	12827	3936	616800	7602300	EWC	4	R	0.1	47	0.001	2	22	44	47	23900	553
286	12829	1210	619900	7596900	EWC	4	R	0.1	64	0.001	57	64	133	64	45300	608
287	12832	1344	619800	7596950	EWC	5	R	0.1	20	0.026	26	29	95	20	32000	597
288	12833	1345	619700	7596400	EWC	5	R	0.1	25	0.036	39	68	134	25	34700	484
289	12834	1346	619700	7596400	EWC	4	R	0.1	24	0.015	22	47	88	24	28800	329
290	12836	1292	618600	7599900	EWC	4	R	0.1	22	0.001	29	51	157	22	28100	784
291	12836	3938	605800	7558700	EWC	5	R	0.1	2	0.001	2	14	40	2	25200	410
292	12838	3939	608500	7555800	EWC	5	R	0.1	2	0.001	18	2	60	2	54200	1206
293	12839	3940	608500	7555800	EWC	4	R	0.1	2	0.001	12	2	43	2	27900	704
294	12840	3941	608500	7555800	EWC	4	R	0.1	2	0.002	16	18	49	2	38600	707
295	12841	3942	608500	7555800	EWC	4	R	0.1	2	0.001	10	2	36	2	25000	581
296	12842	3943	610300	7566200	EWC	5	R	0.1	2	0.001	2	15	33	2	28700	792
297	12843	3944	610300	7566200	EWC	4	R	0.1	2	0.001	2	2	28	2	27900	1078
298	12844	3945	614400	7554300	EWC	4	R	0.1	2	0.001	2	2	50	2	44300	3752
299	12845	3946	614400	7554300	EWC	5	R	0.1	2	0.002	19	17	84	2	37500	1416
300	12846	1293	618000	7600800	EWC	4	R	0.1	223	0.007	63	56	214	223	44400	1178
301	12846	3947	614100	7554300	EWC	5	R	0.1	2	0.001	29	15	70	2	38100	1112
302	12847	2753	616300	7598200	EWC	5	R	0.1	2	0.010	144	15	63	2	34100	406
303	12848	1211	611800	7601000	EWC	4	R	0.1	21	0.001	14	28	58	21	23700	387
304	12848	2752	616300	7598200	EWC	4	R	0.1	2	0.005	57	20	33	2	21200	268
305	12849	2751	616800	7597700	EWC	4	R	0.1	2	0.010	2	14	41	2	24500	337
306	12850	2750	616300	7596800	EWC	4	R	0.1	18	0.010	11	15	48	18	29800	442
307	12851	2749	616500	7596500	EWC	5	R	0.1	2	0.026	2	13	34	2	29800	504
308	12852	2748	615100	7598300	EWC	5	R	0.1	2	0.001	2	2	36	2	26900	614
309	12853	2747	615100	7598300	EWC	4	R	0.1	2	0.001	2	2	26	2	18200	335
310	12854	1212	617300	7600300	EWC	5	R	0.1	22	0.002	18	29	78	22	30400	767
311	12854	2766	622500	7597600	EWC	5	R	0.1	2	0.001	15	2	168	2	57300	1172
312	12855	1213	617500	7599700	EWC	5	R	0.1	17	0.001	49	63	273	17	55500	664

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
313	12855	2765	622500	7597600	EWC	4	R	0.1	2	0.001	2	2	123	2	46100	1466
314	12856	2764	622500	7597900	EWC	4	R	0.1	2	0.001	2	12	89	2	41500	1192
315	12857	1214	617600	7599600	EWC	5	R	0.1	23	0.001	52	51	289	23	54500	647
316	12857	2763	621800	7598300	EWC	4	R	0.1	2	0.001	2	18	54	2	31300	640
317	12858	1215	618600	7599100	EWC	5	R	0.1	91	0.001	53	52	126	91	37600	628
318	12858	2762	621900	7598350	EWC	5	R	0.1	2	0.001	2	2	62	2	33000	792
319	12859	1216	618400	7599200	EWC	5	R	0.1	98	0.001	59	56	138	98	37700	613
320	12859	2761	622300	7600700	EWC	5	R	0.1	2	0.001	2	11	116	2	56100	1465
321	12860	2760	620900	7600300	EWC	4	R	0.1	2	0.216	2	17	49	2	23300	523
322	12861	2758	620700	7600900	EWC	4	R	0.1	2	0.007	2	16	84	2	34800	967
323	12862	2757	620800	7600900	EWC	4	R	0.1	2	0.009	11	19	98	2	40600	961
324	12863	2756	620100	7601600	EWC	4	R	0.1	2	0.012	2	2	71	2	32500	704
325	12864	1217	618200	7599200	EWC	5	R	2.4	139	0.015	138	1628	532	139	61800	1128
326	12864	2755	621600	7601500	EWC	5	R	0.1	2	0.014	2	14	49	2	46200	900
327	12865	2754	621700	7601200	EWC	4	R	0.1	2	0.014	2	2	40	2	27300	654
328	12866	2787	617100	7596100	EWC	5	R	0.1	38	0.001	16	27	61	38	33000	473
329	12867	2771	616200	7595000	EWC	5	R	0.1	2	0.001	10	12	38	2	31800	545
330	12868	2772	614900	7594600	EWC	4	R	0.1	2	0.001	2	13	30	2	25100	247
331	12869	2773	614700	7595200	EWC	4	R	0.1	2	0.001	2	16	54	2	33200	533
332	12870	2798	615100	7597700	EWC	4	R	0.1	17	0.001	11	20	144	17	56100	850
333	12871	2797	615100	7597600	EWC	5	R	0.1	2	0.010	13	30	72	2	22300	363
334	12872	2796	614900	7596700	EWC	4	R	0.1	18	0.001	14	36	81	18	43000	606
335	12873	2795	615600	7596600	EWC	4	R	0.1	14	0.001	2	27	116	14	33000	481
336	12874	1218	617800	7599300	EWC	5	R	0.1	29	0.001	52	408	477	29	48300	741
337	12874	2794	616000	7596300	EWC	5	R	0.1	2	0.001	2	15	45	2	26500	505
338	12875	2793	615400	7600800	EWC	4	R	0.1	2	0.001	2	2	18	2	14800	320
339	12879	1220	617200	7599250	EWC	5	R	0.1	13	0.001	27	51	96	13	26200	538
340	12888	1221	617600	7598400	EWC	5	R	0.1	2	0.001	38	162	148	2	39600	633
341	12894	1222	617300	7597900	EWC	5	R	0.1	21	0.005	43	63	107	21	37200	586
342	12897	1223	617300	7598400	EWC	5	R	0.1	14	0.005	83	143	174	14	50100	580
343	12898	1224	617500	7598400	EWC	5	R	0.1	2	0.001	28	27	69	2	29700	457
344	12899	1225	618100	7598100	EWC	5	R	0.1	2	0.005	26	132	218	2	31300	846
345	12899	3949	614950	7568850	EWC	5	R	0.1	2	0.001	10	20	47	2	21500	541
346	12900	1226	618200	7598200	EWC	4	R	0.1	98	0.015	72	69	168	98	78700	589
347	12900	2790	620200	7593800	EWC	4	R	0.1	13	0.001	2	23	159	13	35600	719
348	12901	1227	619100	7597700	EWC	4	R	0.1	45	0.015	28	45	156	45	39600	697
349	12901	2834	615800	7597700	EWC	5	R	0.1	19	0.020	20	51	114	19	26100	615
350	12902	2835	615800	7597700	EWC	4	R	0.1	30	0.007	17	39	90	30	24600	702
351	12903	2836	621900	7595000	EWS	.	R	0.1	2	0.002	15	102	235	2	45800	1065

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
352	12904	1228	619100	7597700	EWC	5	R	0.1	28	0.002	34	52	167	28	39500	712
353	12904	2837	621800	7595800	EWC	5	R	0.1	2	0.001	24	28	290	2	29700	653
354	12905	2838	621800	7596200	EWC	5	R	0.1	13	0.002	32	32	140	13	43500	1387
355	12906	1229	618500	7597600	EWC	5	R	0.1	2	0.021	16	31	90	2	28700	704
356	12906	2839	621800	7596200	EWC	4	R	0.1	14	0.014	19	24	102	14	36900	1182
357	12908	2840	621000	7595900	EWC	5	R	0.1	14	0.001	25	46	116	14	34200	873
358	12909	2841	621000	7595900	EWC	4	R	0.1	11	0.010	15	30	70	11	26700	766
359	12910	1754	620800	7588500	EWC	5	R	0.1	41	0.009	49	37	73	41	32900	709
360	12911	2842	619900	7595000	EWC	5	R	0.1	115	0.005	58	243	318	115	55800	1465
361	12912	1230	618000	7597500	EWC	5	R	0.1	11	0.005	20	14	55	11	30700	595
362	12912	2843	619900	7595000	EWC	4	R	0.1	137	0.005	34	189	202	137	38500	1134
363	12913	1231	617300	7597300	EWC	5	R	0.1	2	0.001	10	19	49	2	21300	418
364	12913	2844	620000	7595000	EWC	5	R	0.1	25	0.015	27	32	126	25	40600	1074
365	12914	2845	619400	7595500	EWC	5	R	0.1	18	0.010	36	161	155	18	42900	1151
366	12915	2847	619400	7595500	EWC	4	R	0.1	25	0.021	23	143	126	25	33600	728
367	12916	2848	618600	7595600	EWC	5	R	0.1	281	0.021	86	87	313	281	57300	939
368	12917	1232	618400	7597100	EWC	5	R	0.1	67	0.005	35	198	810	67	35700	732
369	12917	2849	618600	7595600	EWC	4	R	0.1	340	0.043	67	98	266	340	54200	1098
370	12918	1233	619300	7598900	EWC	5	R	0.1	2	0.001	37	50	175	2	38700	513
371	12918	2805	618400	7578500	EWC	5	R	0.1	2	0.001	2	2	23	2	17000	388
372	12919	1234	620850	7596600	EWC	5	R	0.1	2	0.001	15	67	74	2	31300	529
373	12919	2803	618400	7578500	EWC	5	R	0.1	2	0.001	2	2	23	2	23600	461
374	12920	2802	618400	7578800	EWC	5	R	0.1	2	0.001	13	11	64	2	60600	1028
375	12921	2801	618400	7578800	EWC	4	R	0.1	2	0.001	12	12	64	2	47200	800
376	12922	2850	618500	7596000	EWC	5	R	0.1	281	0.007	108	189	362	281	69100	1180
377	12923	2800	618600	7580000	EWC	5	R	0.1	2	0.010	11	11	57	2	66200	749
378	12924	1235	621100	7596700	EWC	5	R	0.1	2	0.001	11	21	56	2	25600	507
379	12924	2799	618600	7580100	EWC	5	R	0.1	2	0.001	15	32	319	2	88000	1596
380	12925	1236	621400	7597600	EWC	5	R	0.1	2	0.001	14	15	54	2	28900	540
381	12925	1736	617700	7578100	EWC	5	R	1.6	22	0.001	23	65	78	22	19300	320
382	12926	1737	617300	7578100	EWC	4	R	0.1	2	0.001	2	23	32	2	9400	229
383	12927	1237	621500	7597500	EWC	4	R	0.1	2	0.001	2	2	60	2	26600	452
384	12927	1738	617300	7578100	EWC	5	R	0.1	17	0.206	28	33	78	17	38100	701
385	12928	1739	617300	7578100	EWC	4	R	0.1	26	0.019	26	17	68	26	27300	423
386	12929	1740	617400	7575400	EWX	5	R	0.1	21	0.010	40	39	97	21	20000	303
387	12930	1741	619100	7574700	EWX	5	R	0.1	2	0.010	2	24	27	2	17200	288
388	12931	1743	619100	7574700	EWX	5	R	0.1	2	0.017	2	18	20	2	12200	219
389	12932	1238	621500	7597500	EWC	5	R	0.1	2	0.019	2	2	53	2	25400	491
390	12932	2851	618000	7595500	EWC	5	R	0.1	163	0.010	42	31	184	163	41300	814

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
391	12933	2854	616600	7595100	EWX	5	R	0.1	2	0.0010	15	16	129	2	35300	663
392	12934	2855	616600	7595100	EWX	4	R	0.1	12	0.0010	2	2	60	12	24300	652
393	12935	1239	621600	7598100	EWX	5	R	0.1	2	0.0010	13	12	50	2	26600	535
394	12935	2856	615600	7595300	EWX	4	R	0.1	38	0.0070	10	16	47	38	28400	693
395	12936	2857	615500	7595200	EWX	5	R	0.1	44	0.0010	15	31	102	44	29900	530
396	12937	2858	615500	7595200	EWX	4	R	0.1	62	0.0070	10	14	62	62	24000	591
397	12938	1744	620900	7574500	EWX	5	R	0.1	2	0.0010	2	15	16	2	8600	186
398	12939	1745	622300	7574200	EWX	5	R	0.1	2	0.0010	2	2	36	2	9400	104
399	12940	1240	621500	7598100	EWX	5	R	0.1	14	0.0010	2	2	44	14	14500	263
400	12940	1245	618200	7600800	EWX	4	R	.	.	0.0070	16	23	58	.	21600	.
401	12940	1746	617300	7577300	EWX	4	R	0.1	2	0.0150	2	16	34	2	22700	429
402	12943	2808	620300	7582800	EWX	5	R	0.1	2	0.0100	12	11	39	2	23400	452
403	12944	1241	621500	7598100	EWX	4	R	0.1	12	0.0100	2	16	23	12	22100	267
404	12944	2809	620300	7582800	EWX	4	R	0.1	33	0.0020	14	23	42	33	18200	515
405	12945	1747	621400	7586300	EWX	5	R	0.1	53	0.0010	14	24	49	53	18500	522
406	12946	1748	621400	7586300	EWX	4	R	0.1	2	0.0310	13	20	44	2	18000	289
407	12947	1749	618700	7585400	EWX	5	R	0.1	2	0.0010	2	20	32	2	15200	310
408	12948	1750	619500	7586000	EWX	5	R	0.1	2	0.0070	2	21	25	2	10900	326
409	12949	1751	619500	7586000	EWX	4	R	0.1	11	.	26	20	118	11	32200	726
410	12950	1752	620900	7588500	EWX	5	R	0.1	12	0.0100	30	18	140	12	48300	1538
411	12951	1753	620900	7588500	EWX	4	R	0.1	2	5.2800	2	.	.	2	20300	320
412	12952	1647	616700	7589000	EWX	5	R	0.1	22	0.0100	2	21	40	22	16900	610
413	12953	1766	616700	7589000	EWX	5	R	0.1	2	.	2	17	36	2	29500	559
414	12954	1765	618100	7591300	EWX	5	R	0.1	2	0.0070	10	17	81	2	31300	561
415	12955	1242	622000	7598900	EWX	5	R	0.1	2	0.0050	2	14	31	2	18200	612
416	12955	1763	618100	7591300	EWX	4	R	0.1	2	0.0050	2	21	41	2	12500	321
417	12956	1762	617400	7590800	EWX	5	R	0.1	2	0.0010	2	15	27	2	10200	424
418	12957	1761	617400	7590800	EWX	4	R	0.1	24	0.0070	11	21	93	24	37200	607
419	12958	1760	615250	7590250	EWX	5	R	0.1	2	0.0070	11	30	82	2	38600	983
420	12958	1243	612500	7592400	EWX	5	R	0.1	2	0.0050	12	18	75	2	38700	1043
421	12959	1244	612500	7592400	EWX	4	R	0.1	16	0.0170	35	65	187	16	40500	1000
422	12960	1347	622000	7599300	EWX	5	R	0.1	.	0.2846	.	.	.	.	.	.
423	12960	1648	616400	7600800	EWX	4	R	0.1	.	0.0137	.	.	.	.	.	.
424	12961	1649	616000	7600300	EWX	5	R	0.1	.	0.0103	.	.	.	.	.	.
425	12962	1650	616000	7600300	EWX	4	R	0.1	.	0.0137	.	.	.	.	.	.
426	12963	1651	615200	7599400	EWB	5	R	0.1	.	0.0171	.	.	.	.	.	.
427	12964	1652	615200	7599400	EWX	4	R	0.1	.	1.2930	.	.	.	.	.	.
428	12965	1653	615400	7599000	EWX	5	R	0.1	.	49.7147	.	.	.	.	.	.
429	12966	1655	615400	7599000	EWX	4	R	0.1	.	.	.	.	.	.	.	.

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
430	12967	3950	614300	7570750	EW	5	R	0.1	2	0.001	19	25	53	2	22600	601
431	12968	3951	614000	7570300	EW	5	R	0.1	2	0.022	15	23	77	2	24100	681
432	12969	3952	614000	7570100	EW	5	R	0.1	2	0.001	14	21	62	2	22600	546
433	12970	2833	629150	7569700	EW	5	R	0.1	2	0.019	34	2	98	2	51700	1112
434	12971	2832	629150	7569700	EW	4	R	0.1	2	0.009	28	2	88	2	50200	1261
435	12972	2831	629350	7569600	EW	5	R	0.1	2	0.009	30	2	80	2	43500	1029
436	12973	2830	629350	7569600	EW	4	R	0.1	2	0.012	22	2	68	2	37100	994
437	12974	2829	629400	7569400	EW	5	R	0.1	2	0.017	30	2	72	2	43600	983
438	12975	1348	622000	7599300	EW	4	R	0.1	28	0.009	36	57	187	28	46000	1048
439	12975	2828	629750	7569200	EW	5	R	0.1	2	0.005	19	2	109	2	52400	1305
440	12976	1341	621900	7600050	EW	5	R	0.1	2	0.001	40	15	46	2	28400	520
441	12976	2827	629750	7569200	EW	4	R	0.1	2	0.009	19	2	93	2	48100	1493
442	12977	1343	621900	7600050	EW	4	R	0.1	2	0.001	12	13	56	2	26900	587
443	12977	2826	630350	7569100	EW	5	R	0.1	2	0.009	39	2	103	2	56700	1368
444	12978	1342	621900	7599700	EW	5	R	0.1	2	0.002	17	38	157	2	49300	959
445	12978	2825	630350	7569100	EW	4	R	0.1	2	0.001	23	2	72	2	44800	1435
446	12979	2806	619100	7571300	EW	5	R	0.1	32	0.005	22	39	165	32	66800	986
447	12980	2807	619100	7581300	EW	4	R	0.1	26	0.005	10	24	112	26	46200	715
448	12981	3953	614600	7570700	EW	5	R	0.1	13	0.007	16	30	59	13	22000	561
449	12986	1339	621900	7599700	EW	5	R	0.1	2	0.007	13	32	119	2	39900	864
450	12987	.	613200	7551900	EW	5	R	.	.	.	.	.	.	.	.	.
451	1299	292	609700	7568500	EW	5	R	0.1	2	0.009	2	33	112	2	25100	769
452	12993	1790	620500	7586300	EW	5	R	0.1	15	0.009	20	23	54	15	55500	1774
453	12998	3954	612700	7551000	EW	5	R	0.1	2	0.001	19	27	62	2	35200	745
454	1301	293	609300	7569400	EW	5	R	0.1	2	0.014	10	21	35	2	25100	886
455	1308	295	609300	7569400	EW	4	R	0.1	2	0.012	2	19	20	2	16400	587
456	1310	296	608300	7568500	EW	5	R	0.1	2	0.018	2	24	28	2	22700	795
457	1316	297	608300	7568500	EW	4	R	0.1	2	0.009	2	23	24	2	17200	609
458	1318	298	607900	7568900	EW	5	R	0.1	2	0.007	10	29	23	2	25000	583
459	1323	319	607700	7571250	EW	5	R	0.1	2	0.005	2	49	50	2	24200	509
460	1325	.	608300	7572650	EW	5	R	.	.	.	.	.	.	.	.	.
461	1326	321	608700	7572300	EW	5	R	0.1	2	0.001	14	22	72	2	21500	353
462	1327	322	609100	7571800	EW	5	R	0.1	2	0.001	12	37	79	2	31200	443
463	1359	323	610200	7571300	EW	4	R	0.1	2	0.005	23	63	108	2	49100	603
464	1360	324	610200	7571300	EW	5	R	0.1	2	0.001	25	65	111	2	44400	685
465	1363	325	611800	7570700	EW	5	R	0.1	2	0.033	12	29	54	2	38300	757
466	1367	326	613100	7570100	EW	5	R	0.1	2	0.001	10	37	89	2	25600	565
467	1373	327	615500	7565900	EW	5	R	0.1	2	0.001	19	24	137	2	35300	1041
468	1377	328	612600	7570100	EW	5	R	0.1	2	0.001	10	25	46	2	25300	531

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
469	1378	329	612300	7570700	LWN	5	R	0.1	29	0.001	14	33	95	29	33100	567
470	1380	330	613100	7570100	EWX	4	R	0.1	2	0.001	2	19	32	2	15300	241
471	1384	331	616700	7565700	EWX	4	R	0.1	2	0.001	13	23	80	2	32500	1113
472	1386	332	612000	7570800	EWX	4	R	0.1	2	0.001	10	28	57	2	29600	576
473	1387	333	616600	7566300	EWX	5	R	0.1	2	0.001	10	16	47	2	24200	690
474	1404	334	616600	7565700	EWX	5	R	0.1	2	0.001	11	18	57	2	26800	712
475	1405	335	615900	7563850	EWX	5	R	0.1	38	0.001	31	47	118	38	37100	654
476	1410	1757	620700	7589200	EWX	5	R	0.1	88	0.001	26	64	324	88	42300	1175
477	1411	1758	622900	7589100	EWX	4	R	0.1	17	0.001	15	12	117	2	69700	229
478	1412	337	615300	7565800	EWX	5	R	0.1	17	0.038	72	11	111	17	43200	851
479	1413	2811	626500	7569200	EWX	4	R	0.1	2	0.001	66	2	91	2	57100	874
480	1414	339	614800	7565900	EWX	5	R	0.1	2	0.001	2	26	61	2	46700	830
481	1414	2812	626750	7569600	EWX	5	R	0.1	2	0.001	35	86	156	2	44500	797
482	1414	2813	626750	7569600	EWX	5	R	0.1	2	0.017	22	2	129	2	62700	1811
483	1415	2814	626750	7569600	EWX	4	R	0.1	2	0.014	13	2	78	2	57500	1911
484	1417	2814	626000	7570800	EWX	5	R	0.1	2	0.014	13	2	78	2	68600	1518
485	1418	2815	625200	7571300	EWX	5	R	0.1	2	0.009	19	2	62	2	42900	985
486	1419	2816	624950	7571800	EWX	5	R	0.1	2	0.010	2	18	25	2	7700	181
487	1420	2817	626450	7570900	EWX	5	R	0.1	2	0.012	33	2	108	2	56000	1454
488	1421	338	614800	7565900	EWX	4	R	0.1	2	0.001	2	14	51	2	34000	669
489	1421	2818	626450	7570900	EWX	4	R	0.1	2	0.014	26	2	93	2	50700	1414
490	1422	2820	626800	7570700	EWX	4	R	0.1	2	0.034	34	2	113	2	50700	1202
491	1423	299	614650	7565300	EWX	4	R	0.1	2	0.001	2	2	36	2	26600	780
492	1423	2821	626800	7570700	EWX	4	R	0.1	2	0.009	29	2	87	2	43700	1189
493	1424	2822	626900	7570400	EWX	5	R	0.1	2	0.007	75	13	154	2	58400	1375
494	1425	2823	626900	7570400	EWX	4	R	0.1	2	0.009	52	2	114	2	48300	1220
495	1426	2824	628150	7570400	EWX	5	R	0.1	2	0.001	36	2	87	2	61600	1306
496	1427	300	616700	7565700	EWX	5	R	0.1	2	0.001	11	18	74	2	27900	1040
497	1427	3802	614900	7570850	EWX	5	R	0.1	2	0.065	13	27	62	2	16100	383
498	1429	613	619500	7583300	EWX	5	R	0.1	2	0.009	75	25	35	2	26300	574
499	1429	1829	622200	7589600	EWX	4	R	0.1	2	0.009	11	20	257	2	46800	1340
500	1430	1827	622200	7589600	EWX	4	R	0.1	2	0.002	11	23	248	2	47500	1480
501	1431	614	620600	7559600	EWX	5	R	0.1	2	0.010	36	22	40	2	34800	660
502	1431	1826	622600	7589600	EWX	5	R	0.1	2	0.014	45	22	84	2	33500	1287
503	1432	1825	620200	7590100	EWX	4	R	0.1	30	0.014	13	26	97	30	22100	395
504	1433	1824	620100	7590200	EWX	5	R	0.1	2	0.014	2	10	14	2	5800	78
505	1434	1823	619300	7591000	EWX	4	R	0.1	117	0.005	38	64	211	117	70400	1062
506	1435	616	621300	7559500	EWX	5	R	0.1	2	0.012	29	25	67	2	44800	871
507	1435	1822	619400	7590100	EWX	5	R	0.1	18	0.010	2	36	52	18	13600	327

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
508	1436	1821	619600	7586100	EWC	4	R	0.1	12	0.009	2	24	31	12	14300	207
509	1437	617	622700	7561100	EWC	5	R	0.1	2	0.007	36	17	62	2	39700	1175
510	1437	1820	619600	7586100	EWC	5	R	0.1	2	0.014	2	23	32	2	13400	2
511	1438	1819	619900	7586500	LWS	4	R	0.1	2	0.010	2	22	29	2	14300	199
512	1439	1818	619900	7586500	LWS	5	R	0.1	12	0.005	2	24	35	12	15500	223
513	1440	1817	620000	7586500	EWC	5	R	0.1	17	0.010	2	19	29	17	15800	267
514	1441	1816	621000	7586300	EWC	5	R	0.1	10	0.014	2	18	25	10	11300	207
515	1442	1815	621100	7586400	EWB	5	R	0.1	2	0.010	2	16	28	2	16200	408
516	1443	1814	621500	7583600	EWB	4	R	0.1	15	0.005	2	16	41	15	22500	310
517	1444	1813	621500	7583600	EWB	5	R	0.1	15	0.014	2	23	28	15	23600	408
518	1445	1812	620300	7581500	EWC	5	R	0.1	2	0.081	2	20	26	2	15100	382
519	1446	1811	621100	7582100	EWC	5	R	0.1	12	0.001	18	20	59	12	35200	708
520	1447	1810	621200	7582300	EWC	5	R	0.1	24	0.001	20	18	61	24	34300	715
521	1448	1809	622100	7582600	EWC	5	R	0.1	11	0.001	15	20	55	11	26100	519
522	1449	1808	623400	7578900	EWC	5	R	0.1	2	0.001	29	12	47	2	41900	1167
523	1450	1807	623300	7577600	EWC	4	R	0.1	14	0.001	29	23	62	14	37600	1292
524	1451	1806	623300	7577600	EWC	5	R	0.1	2	0.098	27	14	55	2	51800	1607
525	1452	1805	623700	7576700	EWC	5	R	0.1	11	0.001	27	27	112	11	48200	1110
526	1453	1804	622900	7576600	LWS	5	R	0.1	2	0.001	26	12	56	2	46200	958
527	1454	1803	620800	7575200	EWC	5	R	1.0	2	0.001	2	28	35	2	17700	304
528	1455	1802	620800	7575200	EWC	5	R	0.1	12	0.001	2	31	40	12	15100	300
529	1456	1800	620600	7575300	EWC	5	R	0.1	2	0.001	2	21	22	2	8900	241
530	1457	1799	619800	7575500	EWC	5	R	0.1	34	0.001	21	31	62	34	42100	983
531	1458	1798	617100	7581500	EWC	5	R	0.1	22	0.001	20	41	69	22	23200	597
532	1459	1797	617000	7581800	EWC	5	R	0.1	2	0.014	12	20	31	2	18300	625
533	1460	1796	616150	7581500	EWC	5	R	0.1	30	0.029	32	40	97	30	22800	658
534	1461	618	623100	7561700	EWC	5	R	0.1	2	0.010	16	18	84	2	44500	1260
535	1461	1795	616150	7581600	EWC	5	R	0.1	2	0.015	12	36	56	2	15800	369
536	1462	619	622900	7561750	EWC	5	R	0.1	2	0.009	24	23	75	2	36800	948
537	1462	1794	615900	7581400	EWC	5	R	0.1	33	0.024	37	70	140	33	24100	476
538	1463	1793	615900	7581400	EWC	5	R	0.1	35	0.079	36	67	115	35	22600	563
539	1464	1792	615800	7581500	EWC	5	R	0.1	2	0.005	21	54	81	2	27600	721
540	1465	1791	615700	7581300	EWC	5	R	0.1	2	0.010	16	52	43	2	19900	602
541	1466	3803	614950	7568850	EWC	5	R	0.1	2	0.001	11	2	57	2	29000	757
542	1467	620	622100	7562300	EWC	4	R	0.1	2	0.007	48	52	61	2	41200	738
543	1467	3804	614900	7568495	EWC	5	R	0.1	2	0.005	11	2	61	2	24600	580
544	1468	621	624000	7562700	EWC	5	R	0.1	2	0.005	21	16	74	2	35300	715
545	1468	3805	606100	7558400	EWC	5	R	0.1	2	0.001	2	2	80	2	39800	777
546	1469	3806	614400	7569400	EWC	5	R	0.1	2	0.001	17	2	73	2	30100	653

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
547	1470	3807	608500	7556100	EW	5	R	0.1	2	0.001	2	2	31	2	31500	571
548	1471	.	610600	7555800	EW	5	R	.	47	0.001	42	41	241	47	38300	581
549	1472	3808	618800	7592700	EW	5	R	0.1	2	0.007	20	10	135	2	54000	5418
550	1496	622	623300	7563600	EW	4	R	0.1	2	0.001	18	14	205	2	83000	2269
551	1497	623	623300	7563600	EW	5	R	.	2	0.001	31	11	52	2	26500	459
552	1753	624	623300	7563800	EW	5	R	0.1	2	0.001	39	19	67	2	34000	553
553	1757	625	622700	7563600	EW	4	R	0.1	2	0.007	16	30	47	2	27500	544
554	1762	626	622700	7563600	EW	5	R	0.1	2	0.001	2	24	15	2	10900	172
555	1765	627	622100	7563700	EW	4	R	0.6	2	0.001	31	12	59	2	55400	1237
556	1766	630	623100	7567700	EW	5	R	0.1	2	0.001	26	23	69	2	27200	728
557	1773	640	620100	7565900	EW	5	R	0.8	2	0.001	20	24	53	2	41000	938
558	1796	628	622100	7563800	EW	5	R	0.1	2	0.001	2	30	13	2	14900	263
559	1803	639	620100	7565900	EW	4	R	0.1	2	0.001	11	27	18	2	30600	466
560	1812	637	621200	7565200	EW	5	R	0.1	14	0.001	11	21	41	14	29300	501
561	1817	635	621700	7565900	EW	4	R	0.1	2	0.001	12	16	56	2	45000	886
562	1825	634	622300	7566300	EW	5	R	0.1	2	0.001	15	19	46	2	35600	545
563	1829	636	621600	7564500	EW	4	R	0.1	2	0.001	16	27	18	2	11700	104
564	1838	633	622300	7566300	EW	5	R	0.1	2	0.001	2	20	15	2	12300	180
565	1850	632	623000	7567050	EW	5	R	0.1	2	0.001	2	33	26	2	16000	391
566	1856	629	622400	7567500	EW	5	R	0.1	2	0.001	2	23	44	2	27300	555
567	1865	641	615100	7562100	EW	5	R	0.1	2	0.001	10	32	47	2	30200	453
568	1867	642	615100	7561900	EW	5	R	0.1	2	0.001	2	43	35	2	28600	627
569	1876	643	615500	7563300	EW	5	R	0.1	2	0.001	2	25	35	2	29800	553
570	1877	644	615500	7563100	EW	5	R	0.1	2	0.001	2	20	26	2	23700	450
571	1898	645	615600	7563100	EW	5	R	0.1	2	0.001	2	33	37	2	21000	441
572	1900	646	615800	7564050	EW	5	R	0.1	2	0.039	28	31	102	2	44400	791
573	1904	647	615700	7564100	EW	5	R	0.1	13	.	28	31	326	13	26200	423
574	1913	1353	610500	7593500	EW	5	R	0.1	2	0.001	10	23	120	2	24200	322
575	1920	1354	610650	7590350	EW	5	R	0.1	12	0.005	25	20	194	12	22700	476
576	1946	1248	610600	7590200	EW	4	R	0.1	18	0.009	94	19	189	18	52300	1024
577	1955	1249	610600	7590200	EW	4	R	0.1	12	0.005	63	22	101	12	31000	668
578	1964	1250	611000	7591900	EW	5	R	0.1	30	0.001	38	31	227	30	30800	508
579	1969	1251	611000	7591900	EW	5	R	0.1	2	0.001	2	21	47	2	24600	705
580	1985	1252	611900	7591600	EW	4	R	0.1	2	0.001	13	23	61	2	43200	1436
581	2010	301	607800	7566300	EW	4	R	0.1	2	0.001	2	29	83	2	35300	787
582	2011	305	608400	7566500	EW	4	R	0.1	2	0.001	11	22	81	2	35300	937
583	2014	303	608600	7566300	EW	5	R	0.1	2	0.001	2	27	80	2	28600	587
584	2017	304	608600	7566300	EW	4	R	0.1	2	.	.	.	.	.	.	.
585	2018	306	609800	7566450	EW	5	R	0.1	2	.	.	.	.	.	.	.

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
586	2019	307	609800	7566450	EWC	4	R	0.1	2	0.001	14	24	110	2	41800	1259
587	2020	362	609850	7566400	EWC	4	R	0.1	2	0.001	15	30	121	2	44300	1179
588	2021	363	609850	7566400	EWC	5	R	0.1	12	0.001	18	22	77	12	36300	1065
589	2022	364	610950	7566400	EWC	4	R	0.1	2	0.001	16	22	72	2	38000	885
590	2023	365	610950	7566400	EWC	5	R	0.1	2	0.001	15	21	58	2	32500	1050
591	2024	366	610700	7566350	EWC	4	R	0.1	2	0.001	14	21	58	2	30800	775
592	2025	367	610700	7566350	EWC	5	R	0.1	2	0.001	27	19	51	2	38300	2006
593	2026	368	611200	7567850	EWC	5	R	0.1	2	0.001	16	17	39	2	30800	1447
594	2027	369	611200	7567850	EWC	4	R	0.1	2	0.001	16	17	39	2	31000	1494
595	2028	370	612500	7567950	EWC	4	R	0.1	2	0.005	17	25	31	2	31500	1211
596	2029	371	615450	7566500	EWC	5	R	0.1	2	0.001	32	43	81	2	26700	1100
597	2030	372	615450	7566500	EWC	4	R	0.1	2	0.001	29	18	66	2	50200	1626
598	2038	373	615300	7566200	EWC	4	R	0.1	2	0.001	11	19	42	2	30900	1271
599	2039	374	615300	7566200	EWC	5	R	0.1	2	0.001	2	17	63	2	42900	1558
600	2042	375	615100	7566100	EWC	4	R	0.1	2	0.001	2	2	45	2	28800	1350
601	2043	376	615100	7566100	EWC	5	R	0.1	2	0.001	16	24	55	2	37100	1082
602	2045	377	614900	7566000	EWC	4	R	0.1	2	0.001	11	10	59	2	37200	1547
603	2047	378	616500	7566850	EWC	5	R	0.1	2	0.001	15	31	37	2	41200	994
604	2051	379	616500	7566850	EWC	4	R	0.1	2	0.001	19	13	36	2	16900	877
605	2053	380	616900	7566950	EWC	5	R	0.1	2	0.001	22	12	50	2	28500	851
606	2058	381	616900	7566950	EWC	4	R	0.1	2	0.001	21	2	46	2	19100	376
607	2059	340	617000	7566950	EWC	5	R	0.1	13	0.001	37	29	132	13	14100	241
608	2060	341	617000	7566950	EWC	4	R	0.1	16	0.001	24	29	85	16	10000	169
609	2061	342	616850	7566450	EWC	4	R	0.1	13	0.001	13	19	74	13	8000	150
610	2063	650	619400	7561100	EWC	5	R	0.1	2	0.001	10	37	22	2	6500	124
611	2065	651	619400	7561100	EWC	4	R	0.1	2	0.001	13	34	28	2	10500	198
612	2072	648	619300	7561100	EWC	4	R	0.1	2	0.001	2	26	17	2	7100	124
613	2085	649	619300	7561100	EWC	4	R	0.1	2	0.001	2	26	17	2	11500	196
614	2087	653	619100	7562350	EWC	5	R	0.1	2	0.001	2	26	15	2	10200	145
615	2090	652	619100	7562350	EWC	4	R	0.1	2	0.001	2	21	15	2	11800	205
616	2091	655	619000	7562400	EWC	5	R	0.1	2	0.001	2	34	17	2	8200	116
617	2092	656	619000	7562400	EWC	4	R	0.1	2	0.001	2	20	19	2	22800	567
618	2093	657	619200	7562750	EWC	5	R	0.1	2	0.001	2	34	22	2	19000	346
619	2100	658	619200	7562750	EWC	4	R	0.1	2	0.001	2	16	18	2	12600	259
620	2102	659	619800	7563050	EWC	5	R	0.1	2	0.001	2	27	18	2		
621	2103	660	619800	7563050	EWC	4	R	0.1	2	0.001	2	15	15	2		
622	2104	662	619850	7563200	EWC	4	R	0.1	2	0.001	2	23	33	2		
623	2105	663	620600	7563700	EWC	5	R	0.1	2	0.012	2	27	19	2		
624	2106	664	620600	7563700	EWC	4	R	0.1	2	0.001	2	14	19	2		

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
625	2107	667	620850	7563600	EW	5	R	0.1	2	0.001	28	24	57	2	38000	758
626	2108	668	620850	7563600	EW	4	R	0.1	2	0.001	16	15	40	2	29300	776
627	2109	665	621350	7564000	EW	5	R	0.1	2	0.009	10	44	45	2	27000	649
628	2110	666	621350	7564000	EW	4	R	0.1	2	0.001	15	44	60	2	27000	672
629	2111	669	620900	7564050	EW	5	R	0.1	2	0.001	12	16	24	2	18300	300
630	2112	670	620900	7564050	EW	4	R	0.1	2	0.001	10	15	24	2	13500	299
631	2114	1306	614750	7589500	EW	5	R	0.1	2	0.002	10	23	28	2	12600	302
632	2115	1307	615050	7588500	EW	4	R	0.1	38	0.001	46	36	312	38	33400	669
633	2116	671	618500	7566250	EW	5	R	0.1	2	0.001	21	20	50	2	38300	719
634	2117	672	618500	7566250	EW	5	R	0.1	2	0.001	18	14	42	2	24300	378
635	2118	673	619050	7566850	EW	5	R	0.1	2	0.001	22	16	56	2	43100	852
636	2119	675	619050	7566850	EW	4	R	0.1	2	0.001	21	14	42	2	24700	361
637	2120	676	619750	7566500	EW	5	R	0.1	2	0.001	20	18	51	2	37100	680
638	2121	677	619750	7566500	EW	4	R	0.1	2	0.001	17	15	41	2	23300	354
639	2122	678	619800	7566300	EW	5	R	0.1	2	0.001	19	15	42	2	28100	464
640	2123	679	619800	7566300	EW	4	R	0.1	2	0.009	19	13	43	2	26800	457
641	2124	680	619300	7566850	EW	5	R	0.1	2	0.001	19	14	49	2	34200	725
642	2125	681	619600	7566500	EW	4	R	0.1	2	0.009	16	11	40	2	23100	365
643	2127	682	605400	7568000	EW	4	R	0.1	2	0.009	2	17	44	2	31100	819
644	2128	684	613750	7565200	EW	4	R	0.1	2	0.033	10	19	39	2	18800	370
645	2129	685	605650	7567800	EW	4	R	0.1	2	0.018	17	26	55	2	30400	679
646	2130	686	612400	7564700	EW	4	R	0.1	2	0.005	10	17	46	2	25200	491
647	2131	687	612200	7564800	EW	4	R	0.1	2	0.001	2	24	42	2	25300	471
648	2132	688	612500	7564850	EW	4	R	0.1	2	0.001	2	33	47	2	30900	592
649	2133	697	614100	7597150	EW	4	R	0.1	2	0.001	2	18	20	2	19000	526
650	2134	696	614150	7597150	EW	4	R	0.1	2	0.001	2	21	12	2	10900	222
651	2135	694	614150	7597000	EW	4	R	0.1	2	0.034	2	21	30	2	13400	333
652	2136	693	613800	7596050	EW	4	R	0.1	2	0.001	2	22	40	2	16800	194
653	2137	692	613400	7595750	EW	4	R	0.1	2	0.001	2	16	41	2	20900	297
654	2138	691	612600	7595150	EW	4	R	0.1	2	0.001	2	2	26	2	17400	325
655	2139	689	611750	7596300	EW	5	R	0.1	2	0.005	2	24	27	2	22100	493
656	2140	695	614150	7597000	EW	5	R	0.1	2	0.001	2	10	26	2	11200	151
657	2141	690	611750	7596300	EW	4	R	0.1	2	0.009	2	2	29	2	16000	290
658	2143	1309	614300	7587250	EW	4	R	0.1	20	0.004	21	29	155	20	23100	636
659	2144	1310	614150	7587100	EW	4	R	0.1	2	0.001	13	36	39	2	13500	390
660	2145	1311	613400	7587000	EW	4	R	0.1	2	0.001	19	29	56	2	19200	472
661	2146	1296	613750	7588000	EW	4	R	0.6	42	0.015	120	160	270	42	42100	873
662	2147	1644	614000	7588500	EW	5	R	0.1	2	0.004	100	63	242	2	50600	1947
663	2148	1312	614000	7588500	EW	4	R	0.1	11	0.001	27	42	174	11	25400	315

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
664	2149	1308	614750	7589500	EW	4	R	0.1	2	0.001	2	17	17	2	7500	338
665	2150	1313	610600	7584600	EW	4	R	0.1	2	0.002	2	19	37	2	15000	344
666	2151	1314	611000	7584250	EW	5	R	0.1	2	0.001	11	28	78	2	14600	352
667	2152	1315	611000	7584250	EW	4	R	0.1	2	0.007	2	16	40	2	11100	168
668	2153	1316	611150	7584200	EW	5	R	0.1	16	0.002	26	89	173	16	29200	493
669	2154	1317	611150	7584200	EW	4	R	0.1	2	0.001	19	59	143	2	28200	464
670	2155	1318	611150	7584800	EW	4	R	0.1	11	0.001	22	59	131	11	30300	587
671	2156	1319	611550	7584750	EW	4	R	0.1	18	0.001	24	65	112	18	27700	477
672	2157	1320	612000	7584800	EW	5	R	0.1	2	0.001	17	34	76	2	13200	278
673	2158	1321	612000	7584800	EW	4	R	0.1	2	0.010	27	40	114	2	19000	303
674	2159	1322	612300	7584800	EW	4	R	0.1	25	0.001	27	82	100	25	26500	404
675	2160	1323	612200	7584950	EW	4	R	0.1	12	0.004	28	59	104	12	29600	419
676	2161	1324	612050	7585600	EW	4	R	0.1	23	0.001	29	70	85	23	31700	301
677	2162	1326	612000	7585600	EW	4	R	0.1	2	0.007	13	92	74	2	19800	377
678	2163	1327	611750	7585700	EW	4	R	0.1	2	0.001	12	55	51	2	15200	281
679	2164	1328	611400	7585300	EW	4	R	0.1	12	0.001	13	31	65	12	21400	378
680	2165	1329	611200	7585250	EW	4	R	0.1	15	0.001	11	25	72	22	28000	664
681	2166	1330	608750	7586400	EW	4	R	0.1	22	0.001	2	48	51	15	14300	283
682	2167	1331	608800	7586600	EW	4	R	0.1	2	0.001	2	49	96	2	10000	145
683	2168	1332	608800	7586600	EW	5	R	0.1	14	0.001	10	100	220	14	12900	208
684	2169	1333	608600	7587000	EW	5	R	0.1	2	0.001	2	25	23	2	15100	146
685	2170	1334	608600	7587000	EW	4	R	0.1	2	0.001	2	14	13	2	9300	109
686	2171	1335	609100	7588000	EW	5	R	0.1	2	0.001	2	14	10	2	6800	103
687	2172	1336	609250	7588200	EW	4	R	0.1	30	0.001	38	64	150	30	34300	420
688	2173	1337	609250	7588200	EW	5	R	0.1	21	0.018	37	72	156	21	30800	364
689	2174	1338	609250	7588400	EW	4	R	0.1	2	0.007	89	12	96	2	50000	885
690	2175	1349	609250	7588400	EW	5	R	0.1	2	0.009	107	12	100	2	50900	1056
691	2176	1350	609150	7588300	EW	5	R	0.1	2	0.015	164	13	109	2	55700	1048
692	2177	1351	609150	7588300	EW	4	R	0.1	2	0.020	87	18	84	2	44500	932
693	2178	1855	618500	7578200	EW	4	R	0.1	2	0.001	2	22	31	2	12500	191
694	2179	1856	618650	7578150	EW	5	R	0.1	2	0.007	2	34	51	2	.	.
695	2180	1857	618800	7578850	EW	5	R	0.1	2	0.001	20	26	84	2	.	.
696	2181	1858	618800	7578850	EW	5	R	0.1	2	0.010	17	23	76	2	.	.
697	2182	1859	619000	7579000	EW	5	R	0.1	11	0.001	2	25	34	11	.	.
698	2183	1860	619000	7579000	EW	5	R	0.1	2	0.010	2	13	22	2	.	.
699	2184	1861	619550	7580450	EW	4	R	0.1	2	0.001	2	12	24	2	.	.
700	2185	1862	619800	7580500	EW	5	R	0.1	2	0.001	2	16	25	2	.	.
701	2186	1863	619800	7580500	EW	5	R	0.1	2	0.005	2	20	31	2	.	.
702	2187	1864	619600	7581000	EW	5	R	0.1	2	0.007	2	2	29	2	.	.

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
742	3375	308	616150	7569700	EW	4	R	0.1	2	0.005	12	24	19	2	10200	562
743	3379	309	616350	7569900	EW	5	R	0.1	2	0.001	26	28	55	2	27300	607
744	3385	310	616350	7569900	EW	4	R	0.1	2	0.001	15	21	32	2	19200	775
745	3444	311	617000	7569500	EW	5	R	0.1	2	0.001	22	22	40	2	25000	753
746	3451	312	617000	7569500	EW	4	R	0.1	2	0.001	26	27	46	2	25500	849
747	4035	715	616200	7565200	EW	4	R	0.1	2	0.001	12	16	41	2	24100	473
748	4038	716	614800	7567700	EW	5	R	0.1	2	0.001	16	22	49	2	46200	1183
749	4046	717	614800	7567700	EW	4	R	0.1	2	0.001	12	13	43	2	33600	822
750	4056	726	610250	7591400	EW	5	R	0.1	2	0.001	97	32	95	2	59200	1014
751	4057	313	618300	7568200	EW	4	R	0.1	2	0.001	2	19	12	2	8900	446
752	4061	314	617900	7568200	EW	5	R	0.1	2	0.001	2	15	13	2	7800	291
753	4073	315	618600	7567100	EW	5	R	0.1	2	0.001	2	23	16	2	9600	436
754	4074	1207	619900	7599400	EW	5	R	0.1	2	0.001	11	13	46	2	24300	571
755	4081	1208	619900	7599400	EW	4	R	0.1	2	0.007	11	20	50	2	29100	608
756	4084	1298	619600	7597900	EW	5	R	0.1	2	0.014	63	81	206	2	48900	930
757	4087	1299	619600	7597900	EW	4	R	0.1	23	0.001	38	19	73	23	35600	830
758	4089	1300	619900	7597800	EW	5	R	0.1	23	0.001	25	31	73	23	30000	526
759	4091	1301	619900	7597800	EW	4	R	0.1	18	0.007	77	72	243	18	52200	1044
760	4107	1174	610700	7584300	EW	4	R	0.1	17	0.067	29	44	129	17	38600	588
761	4111	1173	611000	7584300	EW	4	R	0.1	16	0.002	29	51	135	16	38300	605
762	4113	698	622400	7567500	EW	5	R	0.1	2	0.001	2	20	12	2	8000	134
763	4119	699	623400	7567000	EW	5	R	0.1	26	0.090	2	32	74	26	28100	534
764	4121	700	623400	7567000	EW	4	R	0.1	60	0.001	22	50	125	60	34600	524
765	4130	702	622500	7566300	EW	5	R	0.1	2	0.001	2	36	11	2	8000	160
766	4133	703	621700	7566100	EW	5	R	0.1	2	0.001	2	16	30	2	20000	374
767	4135	704	621400	7565600	EW	5	R	0.1	2	0.001	41	34	45	2	36600	685
768	4139	705	621400	7565600	EW	4	R	0.1	2	0.001	23	40	49	2	35300	1094
769	4141	706	621500	7565400	EW	5	R	0.1	2	0.001	2	29	12	2	10100	205
770	4170	707	618200	7564500	EW	5	R	0.1	2	0.001	17	18	52	2	39300	607
771	4173	708	618200	7564500	EW	4	R	0.1	2	0.001	16	15	50	2	25300	555
772	4174	709	617900	7565300	EW	5	R	0.1	2	0.001	12	20	49	2	40900	570
773	4178	710	617900	7565300	EW	4	R	0.1	2	0.001	13	15	56	2	24800	425
774	4181	711	617600	7565100	EW	5	R	0.1	11	0.001	12	24	56	11	27100	546
775	4183	712	617600	7565100	EW	4	R	0.1	15	0.001	14	16	66	15	23400	678
776	4193	713	616850	7565500	EW	5	R	0.1	2	0.001	16	14	51	2	51600	801
777	4198	714	616200	7565200	EW	5	R	0.1	2	0.001	10	14	39	2	19800	417
778	4208	1171	611200	7583800	EW	5	R	0.1	15	0.010	23	47	155	15	43200	717
779	4212	1172	611200	7583800	EW	5	R	0.1	16	0.043	36	58	133	16	41500	613
780	4213	1147	611500	7588400	EW	5	R	0.1	2	0.004	18	25	84	2	22100	324

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
703	2188	1865	619600	7581000	EWC	5	R	0.1	2	0.007	2	19	35	2	.	.
704	2189	1866	612300	7578250	EWC	5	R	0.6	2	0.009	67	69	59	2	.	.
705	2190	1867	612150	7578100	EWC	5	R	0.9	3	0.007	96	103	52	3	.	.
706	2191	1868	614150	7576400	EWC	5	R	0.1	16	0.005	60	51	129	16	.	.
707	2192	1870	614750	7577000	EWC	5	R	0.1	23	0.001	52	53	82	23	.	.
708	2193	1767	614900	7577100	EWC	4	R	0.1	23	0.015	40	27	69	23	32000	475
709	2194	1768	615100	7577600	EWC	5	R	0.6	45	0.015	65	69	146	45	47100	379
710	2195	1769	615300	7577500	EWC	4	R	0.1	24	0.001	57	87	130	24	51100	563
711	2196	1770	615300	7577500	EWC	5	R	0.1	17	0.001	45	77	109	17	42600	460
712	2197	1771	615200	7577150	EWC	4	R	0.1	34	0.009	64	79	105	34	56100	568
713	2198	1772	615200	7577150	EWC	5	R	0.1	16	0.007	38	61	85	16	34600	401
714	2199	1773	615100	7576900	EWC	5	R	0.1	13	0.005	34	52	98	13	30100	341
715	2200	1774	615100	7576900	EWC	5	R	0.1	15	0.015	35	60	113	15	35200	374
716	3039	291	614900	7568600	EWC	5	R	0.1	2	0.024	20	30	59	2	32000	1051
717	3044	290	614900	7568600	EWC	4	R	0.1	2	0.009	16	28	52	2	29000	1004
718	3056	289	615100	7568200	EWC	5	R	0.1	2	0.012	19	29	47	2	34600	1201
719	3074	288	615100	7568200	EWC	5	R	0.1	2	0.029	19	22	41	2	25600	960
720	3079	287	615300	7567900	EWC	5	R	0.1	2	0.029	14	26	40	2	27400	1000
721	3114	286	615200	7567800	EWC	5	R	0.1	2	0.036	15	19	39	2	24500	1000
722	3115	283	615400	7567200	EWC	5	R	0.1	2	0.054	16	12	33	2	21300	769
723	3118	284	615300	7567150	EWC	5	R	0.1	2	0.042	2	13	26	2	29000	1000
724	3193	285	615300	7567150	EWC	4	R	0.1	2	0.542	2	2	32	2	40200	2000
725	3194	343	613900	7570500	EWC	5	R	0.1	14	0.007	17	29	98	14	35500	603
726	3284	346	613900	7570400	EWC	.	R	0.1	16	0.014	26	27	91	16	30000	783
727	3304	347	614400	7570800	EWC	5	R	0.1	2	0.019	18	32	73	2	20900	401
728	3336	348	614300	7570900	EWC	5	R	0.1	12	0.014	16	35	63	2	26700	517
729	3339	344	614800	7570900	EWB	5	R	0.1	12	0.009	24	29	86	12	26200	526
730	3340	349	614900	7570900	EWB	5	R	0.1	23	0.055	36	36	87	23	31400	952
731	3345	350	614800	7572950	EWC	5	R	0.1	11	0.050	22	29	70	11	28100	603
732	3351	351	614800	7573100	EWC	5	R	0.1	11	0.005	34	31	68	11	22200	548
733	3352	352	615300	7572400	EWC	5	R	0.1	31	0.009	43	77	116	31	33800	567
734	3353	353	615300	7572500	EWC	5	R	0.1	22	0.014	41	38	68	22	32000	1254
735	3356	355	615100	7571200	EWC	5	R	0.1	18	0.001	33	30	63	18	21600	468
736	3357	354	615200	7571100	EWC	5	R	0.1	33	0.001	40	33	88	33	25800	409
737	3361	357	616150	7568400	EWX	5	R	0.1	15	0.007	33	33	63	15	30600	376
738	3364	356	615250	7568400	EWC	5	R	0.1	29	0.001	46	33	91	29	33400	401
739	3366	359	616250	7569300	EWX	5	R	0.1	2	0.007	17	42	55	2	29100	352
740	3371	360	616250	7569300	EWX	4	R	0.1	2	0.005	12	30	34	2	20700	256
741	3374	361	616150	7569700	EWC	5	R	0.1	2	0.010	16	34	38	2	20000	272

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OBS	SN1	LAB	E	N	ST	SCREEN	AREA	AG	AS	AU	CU	PB	ZN	AS	FE	MN
781	4223	1148	611500	7588400	EWC	4	R	0.1	2	0.010	17	19	79	2	22500	327
782	4226	1149	611100	7587700	EWC	5	R	0.1	2	0.010	25	57	72	2	20800	354
783	4228	1150	611800	7587800	EWC	5	R	0.1	2	0.005	29	213	184	2	16700	276
784	4229	1151	611800	7587800	EWC	4	R	0.1	2	0.001	19	129	104	2	13900	274
785	4230	731	610700	7593200	EWC	5	R	0.1	2	0.005	74	36	261	2	49400	855
786	4238	729	611200	7592000	EWC	4	R	0.1	2	0.005	52	40	157	2	51400	655
787	4239	728	611200	7592000	EWC	5	R	0.1	2	0.010	52	47	142	2	39000	479
788	4241	730	612100	7591600	EWC	5	R	0.1	2	0.021	45	36	253	2	33300	425
789	4245	732	611900	7591600	EWC	5	R	0.1	2	0.009	24	22	119	2	28800	334
790	4246	733	610400	7591500	EWT	5	R	0.1	2	0.005	134	16	111	2	68900	1208
791	4779	317	617300	7569650	EWC	5	R	0.1	2	0.001	2	16	27	2	10100	300
792	4789	318	618300	7568200	EWC	5	R	0.1	2	0.001	10	27	15	2	14400	725
793	4795	718	622000	7559000	EWC	5	R	0.1	10	0.001	22	28	67	10	31600	666
794	4891	734	622900	7559900	EWC	5	R	0.1	2	0.007	12	17	47	2	26200	562
795	4916	720	622900	7559900	EWC	4	R	0.1	2	0.001	11	2	40	2	20400	477
796	4917	721	623500	7560200	EWC	5	R	0.1	2	0.007	16	20	55	2	25100	565
797	4919	722	624350	7560800	EWC	5	R	0.1	2	0.007	19	24	52	2	43300	760
798	4924	723	624350	7560800	EWC	4	R	0.1	2	0.001	18	12	53	2	33200	813
799	4949	724	623500	7563300	EWC	5	R	0.1	2	0.048	21	19	72	2	38500	805
800	4950	725	623500	7563300	EWC	4	R	0.1	0	0.001	21	18	58	0	32600	836
801	4994	1303	620800	7597400	EWC	5	R	0.1	2	0.001	21	39	88	2	34300	542

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREENS COMBINED

UNIVARIATE

VARIABLE=AU ppm

Global - all samples

- 80m
+ 80m
undesignated

MOMENTS

N	781	SUM WGTs	781
MEAN	0.0799131	SUM	62.4121
STD DEV	1.78912	VARIANCE	3.20095
SKWNESS	27.4766	KURTOSIS	762.383
USS	2501.73	CSS	2496.74
CV	2238.83	STD MEAN	0.0640197
T:MEAN=0	1.24826	PROB> T	0.212312
SGN RANK	152686	PROB> S	0.0001
NUM T= 0	781		

MISSING VALUE
COUNT 20
% COUNT/NOBS 2.50

QUANTILES(DEF=4)

100% MAX	49.7147	99%	0.206
75% Q3	0.008	95%	0.029
50% MED	0.001	90%	0.015
25% Q1	0.001	10%	0.001
0% MIN	0.001	5%	0.001
		1%	0.001
RANGE	49.7137		
Q3-Q1	0.007		
MODE	0.001		

this is ok
since - 80 + 80 mesh
are very similar

EXTREMES

LOWEST	HIGHEST
0.001	0.2846
0.001	0.542
0.001	1.293
0.001	5.28
0.001	49.7147

VAR IABLE=AG

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
	792	SUM WGT8	792	100% MAX	3.6	1.01396	LOWEST	HIGHEST	
N	0.124621	SUM	98.7	75% Q3	0.1	0.1	0.1	1.4	
MEAN	0.198381	VARIANCE	0.0393551	50% MED	0.1	0.1	0.1	1.6	
STD DEV	11.4402	KURTOSIS	158.769	25% Q1	0.1	0.1	0.1	2	
SKENNESS	43.43	CSS	31.1299	0% MIN	0.1	0.1	0.1	2.4	
USS	159.187	STD MEAN	0.00704917	RANGE	3.5	0.1	0.1	3.6	
CV	17.6789	T:MEAN=0	0.0001	Q3-Q1	0				
SGN RANK	157014	PROB> T	0.0001	MODE	0.1				
NUM ^= 0	792	PROB> S	0.0001						
MISSING VALUE									
COUNT	9								
% COUNT/NOBS	1.12								

VARIABLE=CU

MOMENTS

	784	SUM	WGTs	784	100% MAX	165	99%	112.349	LOWEST	HIGHEST
N	784									
MEAN	23.051	SUM		784	75% Q3	30	95%	69.7498	2	138
STD DEV	23.3436	VARIANCE		18072	50% MED	17	90%	49	2	144
SKWENESS	2.34649	KURTOSIS		544.925	25% Q1	10	10%	2	2	145
USS	843254	CSS		7.79472	0% MIN	2	5%	2	2	164
CV	101.269	STD MEAN		426676			1%	2	2	165
T:MEAN=0	27.649	PROB>T I		0.833701	RANGE	163				
SGN RANK	153860	PROB> S		0.0001	Q3-Q1	20				
NUM == 0	784	NUM		0.0001	MODE	2				

MISSING VALUE

COUNT	17
% COUNT/NOBS	2.12

VARIABLE=PB

MOMENTS

N	783	SUM	WGTS	783
MEAN	37.2912	SUM		29199
STD DEV	78.9291	VARIANCE		6229.81
SKENESS	12.5268	KURTOSIS		221.728
USS	5960577	CSS		4871712
CV	211.656	STD MEAN		2.8207
T:MEAN=0	13.2206	PROB> T		0.0001
SGN RANK	153468	PROB> S		0.0001
NUM R=0	783			

MISSING VALUE
COUNT
% COUNT/NOBS

QUANTILES(DEF=4)

100% MAX
75% Q3
50% MED
25% Q1
0% MIN

RANGE
Q3-Q1
MODE

376.358
97.1992
65 2 2 2

EXTREMES

LOWEST	HIGHEST
2	424
2	457
2	617
2	636
2	1628

VARIABLE=ZN

MOMENTS

N	MEAN	783	SUM	783
STD DEV	94.143	SUM	73714	
SKENNESS	96.7186	VARIANCE	9354.48	
USS	4.3385	KURTOSIS	29.2791	
CV	14254862	CSS	7315202	
T:MEAN=0	102.736	STD MEAN	3.45644	
SGN RANK	27.237	PROB> T	0.0001	
NUM ^= 0	153458	PROB> S	0.0001	
	783			

MISSING VALUE	COUNT	% COUNT/NOBS
.	18	2.25

QUANTILES(DEF=4)

100% MAX
75% Q3
50% MED
25% Q1
0% MIN

RANGE
Q3-Q1
MODE

EXTREMES

LOWEST	HIGHEST
10	604
10	651
11	810
11	993
12	1042

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREENS COMBINED

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
N	785	SUM	WGTS	100% MAX	924	99%	231.114	LOWEST	HIGHEST
MEAN	16.9847	SUM		75% Q3	15	95%	61.3999	0	340
STD DEV	55.6876	VARIANCE		50% MED	2	90%	36	2	493
SKEWNESS	9.96271	KURTOSIS		25% Q1	2	10%	2	2	520
USS	2657729	CSS		0% MIN	0	5%	2	2	645
CV	327.869	STD MEAN		RANGE	924	1%	2	2	924
T:MEAN=0	8.54544	PROB> T		Q3-Q1	13				
SGN RANK	153860	PROB> S		MODE	2				
NUM ^= 0	784								
MISSING VALUE									
COUNT	16								
% COUNT/NOBS	2.00								

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREENS COMBINED

UNIVARIATE

VARIABLE=FE

MOMENTS

N	771	SUM	771
MEAN	37340.1	WGTS	28789200
STD DEV	141124	VARIANCE	1.992E+10
SKENNESS	27.3259	KURTOSIS	754.658
USS	1.641E+13	CSS	1.534E+13
CV	377.942	STD MEAN	5082.45
T: MEAN=0	7.34687	PROB> T	0.0001
SGN RANK	148803	PROB> S	0.0001
NUM = 0	771		

MISSING VALUE
COUNT 30
% COUNT/NOBS 3.75

QUANTILES(DEF=4)

100% MAX	3930000	99%	79903.1
75% Q3	40900	95%	57180
50% MED	30600	90%	50680
25% Q1	22600	10%	14420
0% MIN	5800	5%	11260
RANGE	3924200	1%	7644
Q3-Q1	18300		
MODE	25100		

EXTREMES

LOWEST	5800	HIGHEST	84900
	5000		88000
	6800		88000
	7100		120000
	7100		3930000

VARIABLE=MN

MOMENTS

N	771	SUM	771
MEAN	699.786	SUM	539535
STD DEV	421.873	VARIANCE	177976
SKENNESS	3.07017	KURTOSIS	24.2007
USS	514600921	CSS	137041886
CV	60.2859	STD MEAN	15.1934
T:MEAN=0	46.0386	PROB> T	0.0001
SGN RANK	148803	PROB> S	0.0001
NUM	771		

MISSING VALUE
COUNT
% COUNT/NOBS

QUANTILES(DEF=4)

100% MAX	5418	99%	2001.68
75% Q3	877	95%	1408.6
50% MED	629	90%	1210.4
25% Q1	429	10%	297.4
0% MIN	2	5%	206.6
RANGE	5416	1%	114.04
Q3-Q1	448		
MODE	546		

EXTREMES

LOWEST	HIGHEST
2	2156
78	2269
103	2876
103	3752
104	5418

VAR1ABLE=CO

MOMENTS			QUANTILES(DEF=4)				EXTREMES	
N	751	SUM	751	100% MAX	91	99%	LOWEST	HIGHEST
MEAN	8.10919	SUM	6090	75% Q3	13	95%	2	45
STD DEV	9.46848	VARIANCE	89.6521	50% MED	2	90%	2	47
SKEDNESS	2.35753	KURTOSIS	10.6071	25% Q1	2	10%	2	49
USS	116624	CSS	67239	0% MIN	2	5%	2	68
CV	116.762	STD MEAN	0.34551			1%	2	91
T: MEAN=0	23.4702	PROB> T	0.0001	RANGE	89			
SGN RANK	141188	PROB> S	0.0001	Q3-Q1	11			
NUM ^= 0	751			MODE	2			
MISSING VALUE								
COUNT	50							
% COUNT/NOBS	6.24							

SUMMARY STATISTICS, ROMBAKEN AREA 1983

SCREEN=4 + 80 mesh

UNIVARIATE

VARIABLE=CO

		MOMENTS				QUANTILES(DEF=4)				EXTREMES	
		274	SUM	WGTS		100% MAX	91	99%	38.998	LOWEST	HIGHEST
N	MEAN	7.83577	SUM		274	75% Q3	12	95%	25	2	33
STD DEV		9.87163	VARIANCE		2147	50% MED	2	90%	21	2	37
SKEWNESS		3.10576	KURTOSIS		97.4491	25% Q1	2	10%	2	2	37
USS		43427	CSS		18.3994	0% MIN	2	5%	2	2	45
CV		125.982	STD MEAN		26603.6	RANGE		1%	2	2	91
T:MEAN=0		13.1392	PROB> T		0.596367	Q3-Q1	89				
SGN RANK		18837.5	PROB> S		0.0001	MODE	10				
NUM = 0		274			0.0001		2				
MISSING VALUE											
COUNT		17									
% COUNT/NOBS		5.84									

Global

SUMMARY STATISTICS, ROMBAKEN AREA 1983

SCREEN=4

UNIVARIATE

VARIABLE=MN

		MOMENTS		QUANTILES(DEF=4)		EXTREMES	
		284	SUM WGT	100% MAX	5418	LOWEST	HIGHEST
N	702.014	284	SUM	75% Q3	876	103	1745
MEAN	498.337	199372	VARIANCE	50% MED	592.5	109	1911
STD DEV	4.10798	210242038	KURTOSIS	25% Q1	413	116	2000
SKWNESS	210242038	70230086	CSS	0% MIN	103	124	3752
USS	70.9867	29.5708	STD MEAN	RANGE	5315	124	5418
CV	23.7401	0.0001	PROB> T	Q3-Q1	463		
T: MEAN=0	20235	0.0001	PROB> S	MODE	425		
SGN RANK	284						
NUM = 0							

MISSING VALUE
COUNT 7
% COUNT/NOBS 2.41

SCREEN=4

VARIABLE=FE

N	284	SUM	WGTS	284
MEAN	30962.7	SUM		8793400
STD DEV	14674.8	VARIANCE		215350404
SKENESS	0.981996	KURTOSIS		1.49632
USS	3.332E+11	CSS		6.094E+10
CV	47.3952	STD MEAN		870.79
T: MEAN=0	35.557	PROB> T		0.0001
SGN RANK	20235	PROB> S		0.0001
NUM ^= 0	284			

	100% MAX	88000	99%
	75% Q3	38675	95%
	50% MED	28900	90%
	25% Q1	20975	10%
	0% MIN	6500	5%
			1%
RANGE		81500	
Q3-Q1		17700	
MODE		10200	

LOWEST	HIGHEST
6500	78000
7100	78600
7500	78700
8200	83000
8900	88000

MISSING VALUE	COUNT	% COUNT/NOBS
---------------	-------	--------------

$$\begin{array}{r} \cdot 7 \\ 2.41 \end{array}$$

SUMMARY STATISTICS, ROMIAKEN AREA 1983
SCREEN=4

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
N	MEAN	STD DEV	SKEWNESS	USS	CV	T:MEAN=0	SGN RANK	NUM	7= 0
285	21.0456	73.7651	9.14897	1671556	350.501	4.81652	20235	284	
	SUM	VARIANCE	KURTOSIS	CSS	STD MEAN	PROB> T	PROB> S		
285	5998	5441.28	97.9079	1545324	4.36946	0.0001	0.0001		
	100% MAX	75% Q3	50% MED	25% Q1	0% MIN	RANGE	Q3-Q1		
924	382.667	63.3999	39.5996	2	2	2	2		
18	99%	95%	90%	10%	5%	1%			
2									
2									
0									
924									
16									
2									

MISSING VALUE
COUNT
% COUNT/NOBS 2.06

SUMMARY STATISTICS, ROMBAKEN AREA 1983

SCREEN=4

UNIVARIATE

VARIABLE=ZN

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
	284	SUM	WGTS	100% MAX	1042	99%	611.045	LOWEST	HIGHEST
N	284	SUM		75% Q3	104	95%	242.249	11	348
MEAN	89.0563	VARIANCE		50% MED	61	90%	186.5	12	379
STD DEV	97.539	KURTOSIS		25% Q1	40	10%	24.5	12	604
SKEWNESS	4.96209	CSS		0% MIN	11	5%	18	13	651
USS	4944836	STD MEAN		RANGE	1031	1%	12	14	1042
CV	109.525	PROB> T		Q3-Q1	64				
T:MEAN=0	15.3867	PROB> S		MODE	40				
SGN RANK	20235								
NUM = 0	284								

MISSING VALUE

COUNT

% COUNT/NOBS

2.41

7

SUMMARY STATISTICS, ROMBAKEN AREA 1983

SCREEN=4

UNIVARIATE

VARIABLE=PB

		MOMENTS				QUANTILES(DEF=4)				EXTREMES	
		284	SUM	WGT	SUM	100% MAX	394	99%	234.296	LOWEST	HIGHEST
N	MEAN	30.1866	39.4284	VARIANCE	8573	75% Q3	31	95%	85.7488	2	161
STD DEV	4.82153	698741	KURTOSIS	1554.6	50% MED	20	20	90%	59.4998	2	189
US	CV	130.615	CSS	33.0008	25% Q1	13	13	10%	2	2	228
T: MEAN=0	12.9022	STD MEAN	439951	2.33964	0% MIN	2	2	5%	2	2	270
SGN RANK	20235	PROB> T	0.0001	0.0001	RANGE	392	392	1%	2	2	394
NUM = 0	284	PROB> S	0.0001	0.0001	Q3-Q1	18	18				
					MODE	2	2				

MISSING VALUE
COUNT
% COUNT/NOBS 2.41

SUMMARY STATISTICS, ROMBAKEN AREA 1983

SCREEN=4

UNIVARIATE

VARIABLE=CU

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
								LOWEST	HIGHEST
N	284	SUM	WGTS	100% MAX	120	99%	99.6489	2	89
MEAN	19.6444	SUM		75% Q3	26	95%	65.4995	2	94
STD DEV	20.2737	VARIANCE		50% MED	15	90%	46	2	
SKEWNESS	2.03176	KURTOSIS		25% Q1	2	10%	2	2	
USS	225915	CSS		0% MIN	2	5%	2	2	109
CV	103.203	STD MEAN		RANGE	118	1%	2	2	120
T:MEAN=0	16.3292	PROB> T		Q3-Q1	24				
SGN RANK	20235	PROB> S		MODE	2				
NUM = 0	284								
MISSING VALUE									
COUNT	7								
% COUNT/NOBS	2.41								

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREEN=4

UNIVARIATE

VARIABLE=AG

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
								LOWEST	HIGHEST
N	289	SUM	289	2	99%	0.619971		0.1	0.1
MEAN	0.112457	SUM WGT	32.5	0.1	95%	0.1		0.1	0.6
STD DEV	0.125764	VARIANCE	0.0158165	0.1	90%	0.1		0.1	0.6
SKEWNESS	12.7986	KURTOSIS	181.633	0.1	10%	0.1		0.1	0.8
USS	8.21	CSS	4.55516	0.1	5%	0.1		0.1	0.2
CV	111.833	STD MEAN	0.00739787		1%	0.1		0.1	
T:MEAN=0	15.2012	PROB> T	0.0001	1.9					
SGN RANK	20952.5	PROB> S	0.0001	0					
NUM = 0	289			0.1					

MISSING VALUE
COUNT 2
% COUNT/NOBS 0.69

SCREEN=4

VARIABLE=AU

QUANTILES(DEF=4)

EXTREMES

N	286	SUM WGTS	286	100% MAX	49.7147	99%	0.318032	LOWEST	HIGHEST
MEAN	0.182317	SUM	52.1427	75% Q3	0.007	95%	0.019	0.001	0.067
STD DEV	2.93944	VARIANCE	8.64031	50% MED	0.001	90%	0.0142998	0.001	0.216
SKWESS	16.9072	KURTOSIS	285.9	25% Q1	0.001	10%	0.001	0.001	0.2846
USS	2472	CSS	2462.49	0% MIN	0.001	5%	0.001	0.001	0.542
CV	1612.27	STD MEAN	0.173813	RANGE	49.7137	1%	0.001	0.001	49.7147
T:MEAN=0	1.04893	PROB> T	0.2951	Q3-Q1	0.006				
SGN RANK	20520.5	PROB> S	0.0001	MODE	0.001				
NUM ^= 0	286								

MISSING VALUE	5
COUNT	1.72
% COUNT/NOBS	

summary statistics, rombaken area 1983

SCREEN=5

UNIVARIATE

VARIABLE=FE

MOMENTS

N	483	SUM	483
MEAN	33003.9	SUM WGT	15940900
STD DEV	14450.5	VARIANCE	208817557
SKENNESS	0.948159	KURTOSIS	2.77067
USS	6.268E+11	CSS	1.007E+11
CV	43.7842	STD MEAN	657.521
T:MEAN=0	50.1945	PROB> T	0.0001
SGN RANK	58443	PROB> S	0.0001
NUM	483		

MISSING VALUE

COUNT	23
% COUNT/NOBS	4.55

QUANTILES(DEF=4)

100% MAX	120000	99%	71490.8
75% Q3	41300	95%	57300
50% MED	31500	90%	51660
25% Q1	23300	10%	15100
0% MIN	5800	5%	11960
		1%	7636
RANGE	114200		
Q3-Q1	18000		
MODE	25100		

EXTREMES

LOWEST	5800	HIGHEST	69300
	6800		83000
	7100		84900
	7300		88000
	7700		120000

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREEN=5

UNIVARIATE

VARIABLE=MN

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
	483	SUM	WGTS		2876	99%	2017.51	LOWEST	HIGHEST
N	483	SUM		100% MAX	874	95%	1375.8	2	2006
MEAN	696.818	VARIANCE		75% Q3	607	90%	1179.6	78	2078
STD DEV	371.376	KURTOSIS		50% MED	447	10%	304.8	103	2156
SKEWNESS	1.39102	CSS		25% Q1	2	5%	219.8	104	2269
USS	301000767	STD MEAN		0% MIN		1%	104		2876
CV	53.2961	PROB> T		RANGE	2874				
T-MEAN=0	41.2362	PROB> S		Q3-Q1	427				
SGN RANK	58443			MODE	1000				
NUM = 0	483								

MISSING VALUE

COUNT 23

% COUNT/NOBS 4.55

global

SUMMARY STATISTICS, KOMBAKEN AREA 1983
SCREEN=5 Size fract. - 80m

UNIVARIATE

VARIABLE=CO

MOMENTS				QUANTILES(DEF=4)				EXTREMES		
N	473	SUM	WGTS	473	100% MAX	68	99%	40.7793	LOWEST	HIGHEST
MEAN	8.21142	SUM		3884	75% Q3	13	95%	26.2998	2	40
STD DEV	9.25107	VARIANCE		85.5823	50% MED	2	90%	20	2	43
SKEWNESS	1.86716	KURTOSIS		5.08331	25% Q1	2	10%	2	2	47
USS	72288	CSS		40394.9	0% MIN	2	5%	2	2	49
CV	112.661	STD MEAN		0.425365	RANGE	66	1%	2	2	68
T:MEAN=0	19.3044	PROB> T		0.0001	Q3-Q1	11				
SGN RANK	56050.5	PROB> S		0.0001	MODE	2				
NUM	473									

MISSING VALUE
COUNT 33
% COUNT/NOBS 6.52

CORRELATION COEFFICIENTS, ROMBAKEN AREA 1983
+80 & -80 MESH DATA COMBINED

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN	CO	AG
CO	-0.02833 0.4404 744	0.52659 0.0001 753	0.03769 0.3019 752	0.49986 0.0001 752	0.22996 0.0001 754	0.54703 0.0001 754	0.44247 0.0001 754	1.00000 0.0000 754	-0.05267 0.1485 754
AG	-0.00495 0.8900 784	0.36550 0.0001 787	0.61769 0.0001 786	0.15637 0.0001 786	0.46649 0.0001 788	0.30439 0.0001 774	-0.03722 0.3010 774	-0.05267 0.1485 754	1.00000 0.0000 795

CORRELATION COEFFICIENTS, ROMBAKEN AREA 1983
+80 & -80 MESH DATA COMBINED

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	784	0.08	1.79	62	0.0	49.7
CU	787	23.19	23.70	18248	2.0	165.0
PB	786	38.01	81.63	29875	2.0	1628.0
ZN	786	94.15	96.59	74000	10.0	1042.0
AS	788	17.55	58.12	13830	0	924.0
FE	774	32406.72	14855.08	25082800	5800.0	120000.0
MN	774	700.17	421.48	541935	2.0	5418.0
CO	754	8.08	9.46	6096	2.0	91.0
AG	795	0.13	0.23	102	0.1	3.6

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN	CO	AG
AU	1.00000 0.0000 784	-0.03105 0.3873 777	0.00830 0.8175 776	-0.02314 0.5198 776	-0.00960 0.7894 777	-0.02734 0.4508 763	-0.02062 0.5695 763	-0.02833 0.4404 744	-0.00495 0.8900 784
CU	-0.03105 0.3873 777	1.00000 0.0000 787	0.43777 0.0001 786	0.52258 0.0001 786	0.40354 0.0001 787	0.62137 0.0001 773	0.27796 0.0001 773	0.52659 0.0001 753	0.36550 0.0001 787
PB	0.00830 0.8175 776	0.43777 0.0001 786	1.00000 0.0000 786	0.50141 0.0001 786	0.43566 0.0001 786	0.27773 0.0001 772	0.00553 0.8780 772	0.03769 0.3019 752	0.61769 0.0001 786
ZN	-0.02314 0.5198 776	0.52258 0.0001 786	0.50141 0.0001 786	1.00000 0.0000 786	0.57193 0.0001 786	0.50457 0.0001 772	0.26988 0.0001 772	0.49986 0.0001 752	0.15637 0.0001 786
AS	-0.00960 0.7894 777	0.40354 0.0001 787	0.43566 0.0001 786	0.57193 0.0001 786	1.00000 0.0000 788	0.36909 0.0001 774	0.05829 0.1051 774	0.22996 0.0001 754	0.46649 0.0001 788
FE	-0.02734 0.4508 763	0.62137 0.0001 773	0.27773 0.0001 772	0.50457 0.0001 772	0.36909 0.0001 774	1.00000 0.0000 774	0.61593 0.0001 774	0.54703 0.0001 754	0.30439 0.0001 774
MN	-0.02062 0.5695 763	0.27796 0.0001 773	0.00553 0.8780 772	0.26988 0.0001 772	0.05829 0.1051 774	0.61593 0.0001 774	1.00000 0.0000 774	0.44247 0.0001 754	-0.03722 0.3010 774

CORRELATION COEFFICIENTS, ROMBAKEN AREA 1983
SCREEN=4

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	287	0.18	2.93	52	0.00	49.71
CU	285	19.62	20.24	5591	2.00	120.00
PB	285	30.14	39.37	8591	2.00	394.00
ZN	285	89.01	97.37	25367	11.00	1042.00
AS	286	20.98	73.64	6000	0	924.00
FE	285	30989.82	14656.13	8832100	6500.00	88000.00
MN	285	703.21	497.87	200415	103.00	5418.00
CO	275	7.81	9.86	2149	2.00	91.00
AG	290	0.11	0.13	33	0.10	2.00

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN	CO	AG
AU	1.00000 0.0000 287	-0.03392 0.5699 283	-0.03998 0.5030 283	-0.02671 0.6546 283	-0.00735 0.9020 283	0.04667 0.4350 282	0.14207 0.0170 282	-0.03126 0.6078 272	-0.00608 0.9184 287
CU	-0.03392 0.5699 283	1.00000 0.0000 285	0.52065 0.0001 285	0.62036 0.0001 285	0.42083 0.0001 285	0.61704 0.0001 284	0.21287 0.0003 284	0.62309 0.0001 274	0.25820 0.0001 285
PB	-0.03998 0.5030 283	0.52065 0.0001 285	1.00000 0.0000 285	0.77092 0.0001 285	0.57271 0.0001 285	0.32583 0.0001 284	0.05442 0.3608 284	0.29639 0.0001 274	0.16760 0.0046 285
ZN	-0.02671 0.6546 283	0.62036 0.0001 285	0.77092 0.0001 285	1.00000 0.0000 285	0.66713 0.0001 285	0.61894 0.0001 284	0.29690 0.0001 284	0.63003 0.0001 274	0.16910 0.0042 285
AS	-0.00735 0.9020 283	0.42083 0.0001 285	0.57271 0.0001 285	0.66713 0.0001 285	1.00000 0.0000 286	0.36544 0.0001 285	0.08684 0.1436 285	0.33847 0.0001 275	0.44901 0.0001 286
FE	0.04667 0.4350 282	0.61704 0.0001 284	0.32583 0.0001 284	0.61894 0.0001 284	0.36544 0.0001 285	1.00000 0.0000 285	0.56290 0.0001 285	0.56437 0.0001 275	0.22431 0.0001 285
MN	0.14207 0.0170 282	0.21287 0.0003 284	0.05442 0.3608 284	0.29690 0.0001 284	0.08684 0.1436 285	0.56290 0.0001 285	1.00000 0.0000 285	0.35799 0.0001 275	-0.00544 0.9271 285

CORRELATION COEFFICIENTS, ROMBAKEN AREA 1983
SCREEN=4

CORRELATION COEFFICIENTS / PROB > R UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS									
	AU	CU	PB	ZN	AS	FE	MN	CO	AG
CO	-0.03126 0.6078 272	0.62309 0.0001 274	0.29639 0.0001 274	0.63003 0.0001 274	0.33847 0.0001 275	0.56437 0.0001 275	0.35799 0.0001 275	1.00000 0.0000 275	0.03350 0.5801 275
AG	-0.00608 0.9184 287	0.25820 0.0001 285	0.16760 0.0046 285	0.16910 0.0042 285	0.44901 0.0001 286	0.22431 0.0001 285	-0.00544 0.9271 285	0.03350 0.5801 275	1.00000 0.0000 290

CORRELATION COEFFICIENTS, ROMBAKEN AREA 1983
SCREEN=5

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	493	0.02	0.24	10	0.0	5.3
CU	498	25.21	25.33	12556	2.0	165.0
PB	497	42.51	97.93	21125	2.0	1628.0
ZN	497	96.73	96.24	48076	10.0	993.0
AS	498	15.66	47.19	7798	2.0	520.0
FE	485	33168.04	14955.87	16086500	5800.0	120000.0
MN	485	696.74	371.05	337920	2.0	2876.0
CO	475	8.19	9.24	3888	2.0	68.0
AG	501	0.14	0.28	69	0.1	3.6

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN	CO	AG
AU	1.00000 0.0000 493	-0.03820 0.3988 490	0.03396 0.4538 489	-0.02071 0.6477 489	-0.01222 0.7873 490	-0.04066 0.3756 477	-0.04578 0.3184 477	-0.03444 0.4573 468	-0.00619 0.8910 493
CU	-0.03820 0.3988 490	1.00000 0.0000 498	0.43473 0.0001 497	0.48236 0.0001 497	0.44450 0.0001 498	0.62536 0.0001 485	0.34025 0.0001 485	0.48819 0.0001 475	0.39433 0.0001 498
PB	0.03396 0.4538 489	0.43473 0.0001 497	1.00000 0.0000 497	0.47861 0.0001 497	0.50749 0.0001 497	0.28386 0.0001 484	-0.00846 0.8528 484	-0.02393 0.6033 474	0.66408 0.0001 497
ZN	-0.02071 0.6477 489	0.48236 0.0001 497	0.47861 0.0001 497	1.00000 0.0000 497	0.51985 0.0001 497	0.43572 0.0001 484	0.25390 0.0001 484	0.41854 0.0001 474	0.16221 0.0003 497
AS	-0.01222 0.7873 490	0.44450 0.0001 498	0.50749 0.0001 497	0.51985 0.0001 497	1.00000 0.0000 498	0.40095 0.0001 485	0.02484 0.5853 485	0.13838 0.0025 475	0.58689 0.0001 498
FE	-0.04066 0.3756 477	0.62536 0.0001 485	0.28386 0.0001 484	0.43572 0.0001 484	0.40095 0.0001 485	1.00000 0.0000 485	0.67319 0.0001 485	0.53560 0.0001 475	0.34222 0.0001 485
MN	-0.04578 0.3184 477	0.34025 0.0001 485	-0.00846 0.8528 484	0.25390 0.0001 484	0.02484 0.5853 485	0.67319 0.0001 485	1.00000 0.0000 485	0.51696 0.0001 475	-0.05368 0.2380 485

CORRELATION COEFFICIENTS, ROMBAKEN AREA 1983
SCREEN=5

CORRELATION COEFFICIENTS / PROB > R UNDER H0:RHO=0 / NUMBER OF OBSERVATIONS										
	AU	CU	PB	ZN	AS	FE	MN	CO	AG	
CO	-0.03444 0.4573 468	0.48819 0.0001 475	-0.02393 0.6033 474	0.41854 0.0001 474	0.13838 0.0025 475	0.53560 0.0001 475	0.51696 0.0001 475	1.00000 0.0000 475	-0.08215 0.0736 475	
AG	-0.00619 0.8910 493	0.39433 0.0001 498	0.66408 0.0001 497	0.16221 0.0003 497	0.58689 0.0001 498	0.34222 0.0001 485	-0.05368 0.2380 485	-0.08215 0.0736 475	1.00000 0.0000 501	

SCREEN=5

VARIABLE=AS

MOMENTS			QUANTILES(DEF=4)					EXTREMES	
N	496	SUM WGTs	496	100% MAX	520	99%	210.174	LOWEST	HIGHEST
MEAN	14.7238	SUM	7303	75% Q3	14	95%	55.499	2	208
STD DEV	42.1214	VARIANCE	1774.22	50% MED	2	90%	33	2	281
SKEWNESS	8.06046	KURTOSIS	81.7494	25% Q1	2	10%	2	2	281
USS	985765	CSS	878237	0% MIN	2	5%	2	2	493
CV	286.077	STD MEAN	1.89131			1%	2	2	520
T:MEAN=0	7.78497	PROB> T	0.0001	RANGE	518				
SGN RANK	61628	PROB> S	0.0001	Q3-Q1	12				
NUM -= 0	496			MODE	2				
MISSING VALUE									
	COUNT	10							
% COUNT/NOBS	1.98								

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREEN-5

UNIVARIATE

VARIABLE=ZN

		MOMENTS		QUANTILES(DEF=4)		EXTREMES	
	495	SUM WGT	495			LOWEST	HIGHEST
N	96.697	SUM	47865	993	553.114	10	552
MEAN	96.3451	VARIANCE	9282.39	113	273.6	10	580
STD DEV	4.02451	KURTOSIS	24.9535	69	182.2	11	588
SKEWNESS	9213899	CSS	4585499	47	28	12	810
USS	99.6362	STD MEAN	4.33039	10	22	12	993
CV	22.3298	PROB> T	0.0001		12		
T:MEAN=0	61380	PROB> S	0.0001	983			
SGN RANK	495			66			
NUM = 0				62			

MISSING VALUE
COUNT 11
% COUNT/NOBS 2.17

SUMMARY STATISTICS, ROMBAKEN AREA 1983

SCREEN=5

UNIVARIATE

VARIABLE=PB

		MOMENTS		QUANTILES(DEF=4)		EXTREMES			
N	495	SUM	WGTS	100% MAX	1628	99%	425.313	LOWEST	HIGHEST
MEAN	41.3475	SUM		75% Q3	37	95%	104.2	2	424
STD DEV	94.4155	VARIANCE		50% MED	24	90%	67.3999	2	457
SKWENESS	11.2947	KURTOSIS		25% Q1	16	10%		2	617
USS	5219915	CSS		0% MIN	2	5%	2	2	636
CV	228.346	STD MEAN		RANGE	1626	1%	2	2	1628
T:MEAN=0	9.74335	PROB> T		Q3-Q1	21				
SGN RANK	61380	PROB> S		MODE	2				
NUM -= 0	495								
		MISSING VALUE							
		COUNT	11						
		% COUNT/NOBS	2.17						

SUMMARY STATISTICS, ROMBAKEN AREA 1983
SCREEN=5

UNIVARIATE

VARIABLE=CU

MOMENTS				QUANTILES(DEF=4)				EXTREMES	
N	MEAN	STD DEV	SKEWNESS	USS	CV	T:MEAN=0	SGN RANK	NUM	MISSING
496	24.9839	21.8033	2.38928	614126	99.2773	22.4332	61628	496	
	SUM	WGT	SUM	WGT	SUM	WGT	SUM	WGT	
	12392	496	615.204	496	12392	496	615.204	496	
	VARIANCE		7.93618		VARIANCE		7.93618		
	KURTOSIS		304526		KURTOSIS		304526		
	CSS		1.1137		CSS		1.1137		
	STD MEAN		0.0001		STD MEAN		0.0001		
	PROB> T		0.0001		PROB> T		0.0001		
	PROB> S		0.0001		PROB> S		0.0001		
	MISSING VALUE				MISSING VALUE				
	COUNT				COUNT				
	% COUNT/NOBS				% COUNT/NOBS				
	10				10				
	1.98				1.98				

100% MAX	75% Q3	50% MED	25% Q1	0% MIN	RANGE	Q3-Q1	MODE
165	33	19	10	2	163	23	2
99%	138.179	74.1499	51	2			
95%			2	2			
90%			2	2			
10%			2	2			
5%			2	2			
1%			2	2			

LOWEST	HIGHEST
2	138
2	144
2	145
2	164
2	165

SCREEN=5

VARIABLE=AG

QUANTILES(DEF=4)

	LOWEST	HIGHEST
1.2	0.1	1.2
0.1	0.1	1.4
0.1	0.1	1.6
0.1	0.1	2.4
0.1	0.1	3.6

MISSING VALUE	COUNT
1.38	7

SCREEN=5

VARIABLE=AU

QUANTILES(DEF=4)

100% MAX	5.28	99%	0.106622
75% Q3	0.009	95%	0.0333999
50% MED	0.001	90%	0.017
25% Q1	0.001	10%	0.001
0% MIN	0.001	5%	0.001
RANGE	5.279	1%	0.001
Q3-Q1	0.008		
MODE	0.001		

MISSING VALUE	COUNT	% COUNT/NOBS
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APPENDIX 3 MANGLER

SUMMARY STATS (+80 & -80 MESH COMBINED)
 ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=AU

MOMENTS				QUANTILES(DEF=4)			
N	191	SUM	WGT	191	100%	MAX	99%
MEAN	0.274985	SUM		52.5221	75%	Q3	95%
STD DEV	3.59746	VARIANCE		12.9417	50%	MED	90%
SKENNESS	13.8054	KURTOSIS		190.72	25%	Q1	10%
USS	2473.37	CSS		2458.92	0%	MIN	5%
CV	1308.24	STD MEAN		0.260303			1%
T:MEAN=0	1.03564	PROB> T		0.292126	RANGE		
SGN RANK	9168	PROB> S		0.0001	Q3-Q1		
NUM = 0	191	MODE		0.0001			

EXTREMES

LOWEST	HIGHEST
0.001	0.043
0.001	0.216
0.001	0.2846
0.001	1.293
0.001	49.7147

MISSING VALUE
 COUNT 5
 % COUNT/NOBS 2.55

FREQUENCY TABLE

VALUE	COUNT	PERCENTS	CELL	CUM
1.0E-03	109	57.1	57.1	57.1
0.002	7	3.7	60.7	60.7
0.004	3	1.6	62.3	62.3
0.005	10	5.2	67.5	67.5
0.007	14	7.3	74.9	74.9
0.009	5	2.6	77.5	77.5
0.01	8	4.2	81.7	81.7
0.0103	1	0.5	82.2	82.2
0.012	2	1.0	83.2	83.2
0.0137	2	1.0	84.3	84.3
0.014	4	2.1	86.4	86.4
0.015	7	3.7	90.1	90.1
0.017	2	1.0	91.1	91.1
0.0171	1	0.5	91.6	91.6

VALUE	COUNT	PERCENTS	CELL	CUM
0.018	1	0.5	92.1	92.1
0.019	1	0.5	92.7	92.7
0.02	1	0.5	93.2	93.2
0.021	2	1.0	94.2	94.2
0.026	2	1.0	95.3	95.3
0.029	1	0.5	95.8	95.8
0.034	1	0.5	96.3	96.3
0.036	1	0.5	96.9	96.9
0.039	1	0.5	97.4	97.4
0.043	1	0.5	97.9	97.9
0.216	1	0.5	98.4	98.4
0.2846	1	0.5	99.0	99.0
1.293	1	0.5	99.5	99.5
49.7147	1	0.5	100.0	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=CU

MOMENTS				QUANTILES(DEF=4)			
N	187	SUM	WGTS	187100%	MAX	145	99%
MEAN	26.0802	SUM		4877	75% Q3	36	95%
STD DEV	26.988	VARIANCE		728.354	50% MED	18	90%
SKEWNESS	1.98922	KURTOSIS		4.94637	25% Q1	10	10%
USS	262667	CSS		135474	0% MIN	2	5%
CV	103.481	STD MEAN		1.97356			1%
T:MEAN=0	13.2148	PROB> T		0.0001	RANGE	143	
SGN RANK	8789	PROB> S		0.0001	Q3-Q1	26	
NUM	= 0	187			MODE	2	

EXTREMES

LOWEST	HIGHEST
2	101
2	108
2	138
2	144
2	145

MISSING VALUE
COUNT 9
% COUNT/NOBS 4.59

FREQUENCY TABLE

PERCENTS		PERCENTS	
VALUE	COUNT	VALUE	COUNT
2	45	34	2
10	7	35	3
11	9	36	3
12	4	37	2
13	8	38	4
14	3	39	3
15	7	41	3
16	4	42	2
17	6	43	2
18	3	46	2
19	4	50	1
20	3	51	1
21	3	52	2
22	1	53	2
23	3	57	2
24	3	58	1
25	2	59	1
26	3	63	2
27	5	65	1
28	2	67	1
29	3	69	1
30	2	72	1
31	2	77	1
32	2	79	1

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=CU

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS		VALUE	COUNT	PERCENTS	
		CELL	CUM			CELL	CUM
83	1	0.5	95.2	108	1	0.5	98.4
86	1	0.5	95.7	138	1	0.5	98.9
89	2	1.1	96.8	144	1	0.5	99.5
98	1	0.5	97.3	145	1	0.5	100.0
101	1	0.5	97.9				

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=PB

MOMENTS				QUANTILES(DEF=4)			
N	187	SUM	WGTS	187100% MAX	1628	99%	755.02
MEAN	65.1337	SUM		12180 75% Q3	52	95%	270
STD DEV	148.727	VARIANCE		22119.6 50% MED	27	90%	146.6
SKEWNESS	7.21017	KURTOSIS		67.6383 25% Q1	15	10%	10
USS	4907580	CSS		4114252 0% MIN	2	5%	2
CV	228.341	STD MEAN		10.876		1%	
T: MEAN=0	5.98877	PROB> T		0.0001 RANGE	1626		
SGN RANK	8789	PROB> S		0.0001 Q3-Q1	37		
NUM ^= 0	187	MODE			2		

EXTREMES

LOWEST	HIGHEST
2	408
2	424
2	617
2	636
2	1628

MISSING VALUE .
COUNT 9
% COUNT/NOBS 4.59

FREQUENCY TABLE

PERCENTS		PERCENTS	
VALUE	COUNT	VALUE	COUNT
2	17	35	1
10	2	36	1
11	2	37	1
12	4	39	4
13	6	41	1
14	9	42	1
15	8	43	1
16	6	45	3
17	6	46	1
18	7	47	1
19	4	50	2
20	6	51	4
21	6	52	4
22	2	55	1
23	4	56	2
24	3	57	1
26	1	60	1
27	4	63	1
28	2	64	1
29	3	65	1
30	2	67	1
31	8	68	1
32	5	69	2
34	1	70	1

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=PB

FREQUENCY TABLE (CONT.)

PERCENTS			PERCENTS		
VALUE	COUNT	CELL	VALUE	COUNT	CELL
72	1	0.5	162	1	0.5
74	1	0.5	189	2	1.1
76	1	0.5	198	1	0.5
81	1	0.5	243	1	0.5
86	1	0.5	270	2	1.1
87	1	0.5	345	1	0.5
91	1	0.5	373	1	0.5
98	1	0.5	394	1	0.5
102	1	0.5	408	1	0.5
132	1	0.5	424	1	0.5
136	1	0.5	617	1	0.5
143	2	1.1	636	1	0.5
161	3	1.6	1628	1	0.5
					100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED) ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=ZN

MOMENTS				QUANTILES(DEF=4)			
N	187	SUM	WGTS	187100%	MAX	1042	99%
MEAN	134.385	SUM		25130	75% Q3	170	95%
STD DEV	146.835	VARIANCE		21560.4	50% MED	88	90%
SKEWNESS	3.4176	KURTOSIS		15.63	25% Q1	50	10%
USS	7387332	CSS		4010236	0% MIN	12	5%
CV	109.264	STD MEAN		10.7376			1%
T:MEAN=0	12.5154	PROB> T		0.0001	RANGE	1030	
SGN RANK	8789	PROB> S		0.0001	Q3-Q1	120	
NUM ^= 0	187	MODE				54	

EXTREMES

LOWEST	HIGHEST
12	552
14	580
16	810
17	993
18	1042

MISSING VALUE COUNT 9
% COUNT/NOBS 4.59

FREQUENCY TABLE

PERCENTS			PERCENTS		
VALUE	COUNT	CELL	VALUE	COUNT	CELL
12	1	0.5	46	1	0.5
14	1	0.5	47	2	1.1
16	1	0.5	48	2	1.1
17	1	0.5	49	4	2.1
18	2	1.1	50	3	1.6
20	1	0.5	52	1	0.5
22	1	0.5	53	1	0.5
25	1	0.5	54	5	2.7
26	2	1.1	55	2	1.1
27	2	1.1	56	3	1.6
29	1	0.5	58	1	0.5
30	2	1.1	59	1	0.5
31	1	0.5	60	2	1.1
33	4	2.1	61	2	1.1
34	1	0.5	62	3	1.6
36	3	1.6	63	2	1.1
37	1	0.5	64	2	1.1
38	1	0.5	67	1	0.5
39	2	1.1	69	1	0.5
40	2	1.1	70	1	0.5
41	2	1.1	71	2	1.1
42	1	0.5	72	2	1.1
43	1	0.5	73	3	1.6
45	1	0.5	74	2	1.1

998.879

356.4

285.8

33

25.4

13.76

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=ZN

FREQUENCY TABLE (CONT.)

VALUE COUNT		PERCENTS		VALUE COUNT		PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
77	1	0.5	46.0	171	1	0.5	75.9
78	1	0.5	46.5	174	2	1.1	77.0
81	2	1.1	47.6	175	1	0.5	77.5
84	1	0.5	48.1	176	1	0.5	78.1
85	1	0.5	48.7	177	1	0.5	78.6
86	1	0.5	49.2	184	1	0.5	79.1
88	2	1.1	50.3	186	1	0.5	79.7
89	1	0.5	50.8	187	2	1.1	80.7
90	2	1.1	51.9	191	1	0.5	81.3
91	1	0.5	52.4	192	1	0.5	81.8
92	1	0.5	52.9	202	1	0.5	82.4
93	1	0.5	53.5	203	1	0.5	82.9
95	1	0.5	54.0	206	1	0.5	83.4
96	2	1.1	55.1	214	1	0.5	84.0
98	2	1.1	56.1	218	1	0.5	84.5
99	1	0.5	56.7	235	1	0.5	85.0
102	2	1.1	57.8	236	1	0.5	85.6
104	1	0.5	58.3	238	1	0.5	86.1
107	1	0.5	58.8	240	1	0.5	86.6
112	1	0.5	59.4	243	1	0.5	87.2
113	1	0.5	59.9	245	1	0.5	87.7
114	1	0.5	60.4	257	1	0.5	88.2
116	2	1.1	61.5	259	1	0.5	88.8
119	2	1.1	62.6	266	1	0.5	89.3
123	1	0.5	63.1	284	1	0.5	89.8
126	3	1.6	64.7	285	1	0.5	90.4
129	1	0.5	65.2	289	1	0.5	90.9
133	2	1.1	66.3	290	1	0.5	91.4
134	1	0.5	66.8	301	1	0.5	92.0
137	1	0.5	67.4	313	1	0.5	92.5
138	1	0.5	67.9	315	1	0.5	93.0
140	1	0.5	68.4	318	1	0.5	93.6
144	1	0.5	69.0	321	1	0.5	94.1
145	1	0.5	69.5	333	1	0.5	94.7
148	1	0.5	70.1	348	1	0.5	95.2
153	2	1.1	71.1	362	1	0.5	95.7
155	1	0.5	71.7	371	1	0.5	96.3
156	1	0.5	72.2	477	1	0.5	96.8
157	1	0.5	72.7	532	1	0.5	97.3
158	1	0.5	73.3	552	1	0.5	97.9
159	1	0.5	73.8	580	1	0.5	98.4
167	1	0.5	74.3	810	1	0.5	98.9
168	1	0.5	74.9	993	1	0.5	99.5
170	1	0.5	75.4	1042	1	0.5	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)			
	188	SUM	WGTS				
MEAN	43.8245	SUM		188100%	MAX	924	99%
STD DEV	105.67	VARIANCE		8239	75% Q3	38	95%
SKWENESS	5.31748	KURTOSIS		11166.1	50% MED	14	90%
USS	2449133	CSS		34.1378	25% Q1	2	10%
CV	241.121	STD MEAN		2088063	0% MIN	2	5%
T: MEAN=0	5.68649	PROB> T		7.70676	RANGE	922	1%
SGN RANK	8883	PROB> S		0.0001	Q3-Q1	36	
NUM ^= 0	188	MODE		0.0001		2	

EXTREMES

LOWEST	HIGHEST
2	340
2	493
2	520
2	645
2	924

MISSING VALUE .
COUNT 8
% COUNT/NOBS 4.08

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	84	44.7	44.7	39	1	0.5	76.1
11	4	2.1	46.8	40	1	0.5	76.6
12	1	0.5	47.3	43	2	1.1	77.7
13	4	2.1	49.5	44	1	0.5	78.2
14	6	3.2	52.7	45	1	0.5	78.7
15	2	1.1	53.7	47	1	0.5	79.3
16	2	1.1	54.8	48	1	0.5	79.8
17	2	1.1	55.9	49	1	0.5	80.3
18	6	3.2	59.0	51	1	0.5	80.9
19	1	0.5	59.6	54	2	1.1	81.9
20	3	1.6	61.2	55	1	0.5	82.4
21	1	0.5	61.7	59	1	0.5	83.0
22	2	1.1	62.8	62	1	0.5	83.5
23	3	1.6	64.4	64	2	1.1	84.6
24	1	0.5	64.9	65	2	1.1	85.6
25	3	1.6	66.5	67	2	1.1	86.7
28	2	1.1	67.6	69	1	0.5	87.2
29	2	1.1	68.6	76	1	0.5	87.8
30	2	1.1	69.7	77	1	0.5	88.3
31	1	0.5	70.2	83	1	0.5	88.8
32	1	0.5	70.7	87	1	0.5	89.4
34	1	0.5	71.3	91	1	0.5	89.9
36	2	1.1	72.3	98	2	1.1	91.0
38	6	3.2	75.5	107	1	0.5	91.5

VARIABLE=AS

FREQUENCY TABLE (CONT.)

PERCENTS			PERCENTS		
VALUE	COUNT	CELL	VALUE	COUNT	CELL
115	1	0.5	223	1	0.5
129	1	0.5	281	2	1.1
135	1	0.5	340	1	0.5
137	1	0.5	493	1	0.5
139	1	0.5	520	1	0.5
148	1	0.5	645	1	0.5
163	1	0.5	924	1	0.5
208	1	0.5			

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGTJELLET AREA) 1983

UNIVARIATE

VARIABLE=FE

MOMENTS				QUANTILES(DEF=4)			
N	188	SUM	WGTS	188100%	MAX	120000	99%
MEAN	34469.7	SUM		6480300	75% Q3	42025	95%
STD DEV	14263.4	VARIANCE		203444156	50% MED	32700	90%
SKEWNESS	1.72858	KURTOSIS		7.07465	25% Q1	25525	10%
CV	2.614E+11	CSS		3.804E+10	0% MIN	9600	5%
USS	41.3795	STD MEAN		1040.26			1%
T:MEAN=0	33.1355	PROB> T		0.0001	RANGE	110400	
SGN RANK	8883	PROB> S		0.0001	Q3-Q1	16500	
NUM -= 0	188	MODE				33000	

EXTREMES

LOWEST	HIGHEST
9600	69100
10800	78600
10900	78700
11200	83000
12000	120000

MISSING VALUE .
COUNT 8
% COUNT/NOBS 4.08

FREQUENCY TABLE

PERCENTS			PERCENTS		
VALUE	COUNT	CELL	VALUE	COUNT	CELL
9600	1	0.5	21600	1	0.5
10800	1	0.5	21900	1	0.5
10900	1	0.5	22300	1	0.5
11200	1	0.5	22900	1	0.5
12000	1	0.5	23300	1	0.5
13200	1	0.5	23400	1	0.5
13400	1	0.5	23600	1	0.5
13900	1	0.5	24000	1	0.5
14000	1	0.5	24100	1	0.5
14500	1	0.5	24200	1	0.5
14800	1	0.5	24300	2	1.1
15600	1	0.5	24500	1	0.5
16300	1	0.5	24600	1	0.5
16500	1	0.5	25000	2	1.1
17500	1	0.5	25100	2	1.1
18200	2	1.1	25400	2	1.1
18300	1	0.5	25500	1	0.5
19000	1	0.5	25600	1	0.5
19200	1	0.5	25900	1	0.5
19500	1	0.5	26100	1	0.5
19700	2	1.1	26200	1	0.5
20900	1	0.5	26500	1	0.5
21200	1	0.5	26600	2	1.1
21300	1	0.5	26700	1	0.5

SUMMARY STATS & CUMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=FE

FREQUENCY TABLE (CONT.)

			PERCENTS		PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CUM
26900	2	1.1	30.3	36100	1	0.5
27000	1	0.5	30.9	36200	1	0.5
27200	1	0.5	31.4	36900	1	0.5
27300	1	0.5	31.9	37100	1	0.5
27400	1	0.5	32.4	37200	1	0.5
27500	1	0.5	33.0	37600	1	0.5
28100	1	0.5	33.5	37700	1	0.5
28200	1	0.5	34.0	38400	1	0.5
28300	1	0.5	34.6	38500	1	0.5
28400	1	0.5	35.1	38700	1	0.5
28700	1	0.5	35.6	39100	1	0.5
28800	1	0.5	36.2	39500	1	0.5
28900	1	0.5	36.7	39600	2	1.1
29100	1	0.5	37.2	39700	1	0.5
29300	1	0.5	37.8	39900	1	0.5
29700	2	1.1	38.8	40000	1	0.5
29800	2	1.1	39.9	40500	1	0.5
29900	1	0.5	40.4	40600	2	1.1
30000	1	0.5	41.0	41300	1	0.5
30200	2	1.1	42.0	41500	1	0.5
30400	1	0.5	42.6	42200	1	0.5
30600	1	0.5	43.1	42300	1	0.5
30700	1	0.5	43.6	42500	1	0.5
30800	1	0.5	44.1	42900	1	0.5
31000	1	0.5	44.7	43000	1	0.5
31200	1	0.5	45.2	43200	2	1.1
31300	3	1.6	46.8	43500	1	0.5
31800	1	0.5	47.3	44300	1	0.5
32000	2	1.1	48.4	44400	1	0.5
32500	2	1.1	49.5	44700	1	0.5
32600	1	0.5	50.0	44800	2	1.1
32800	1	0.5	50.5	45200	1	0.5
32900	2	1.1	51.6	45300	1	0.5
33000	4	2.1	53.7	45500	1	0.5
33200	2	1.1	54.8	45800	1	0.5
33600	1	0.5	55.3	46000	1	0.5
33700	1	0.5	55.9	46100	1	0.5
33900	1	0.5	56.4	46200	1	0.5
34000	1	0.5	56.9	46800	1	0.5
34100	1	0.5	57.4	48100	2	1.1
34200	1	0.5	58.0	48200	1	0.5
34300	1	0.5	58.5	48300	1	0.5
34700	1	0.5	59.0	48800	1	0.5
34800	1	0.5	59.6	48900	1	0.5
34900	2	1.1	60.6	49800	2	1.1
35200	1	0.5	61.2	50100	1	0.5
35300	1	0.5	61.7	51300	1	0.5
35600	2	1.1	62.8	52200	1	0.5
35700	1	0.5	63.3	54200	1	0.5

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
 ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=FE

FREQUENCY TABLE (CONT.)

VALUE COUNT		PERCENTS		VALUE COUNT		PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
54500	1	0.5	93.1	63900	1	0.5	97.3
55400	1	0.5	93.6	69100	1	0.5	97.9
55800	1	0.5	94.1	78600	1	0.5	98.4
56100	2	1.1	95.2	78700	1	0.5	98.9
57300	2	1.1	96.3	83000	1	0.5	99.5
61800	1	0.5	96.8	120000	1	0.5	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=MN

MOMENTS				QUANTILES(DEF=4)			
N	188	SUM WGTs		188100% MAX	1544	99%	1498.61
MEAN	657.771	SUM		123661 75% Q3	783	95%	1238.1
STD DEV	286.981	VARIANCE		82358 50% MED	607	90%	1101
SKWNESS	0.875598	KURTOSIS		0.735021 25% Q1	470.75	10%	336.8
USS	96741609	CSS		15400955 0% MIN	103	5%	256.45
CV	43.6293	STD MEAN		20.9302		1%	143.94
T:MEAN=0	31.4268	PROB> T		0.0001 RANGE	1441		
SGN RANK	8883	PROB> S		0.0001 Q3-Q1	312.25		
NUM ^= 0	188	MODE			452		

EXTREMES

LOWEST	HIGHEST
103	1435
149	1465
151	1466
168	1493
172	1544

MISSING VALUE
COUNT
% COUNT/NOBS 4.08

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
103	1	0.5	0.5	385	1	0.5	13.3
149	1	0.5	1.1	391	1	0.5	13.8
151	1	0.5	1.6	397	1	0.5	14.4
168	1	0.5	2.1	401	1	0.5	14.9
172	1	0.5	2.7	406	1	0.5	15.4
173	1	0.5	3.2	410	1	0.5	16.0
206	1	0.5	3.7	411	1	0.5	16.5
222	1	0.5	4.3	415	1	0.5	17.0
247	1	0.5	4.8	418	1	0.5	17.6
268	1	0.5	5.3	419	1	0.5	18.1
273	1	0.5	5.9	424	1	0.5	18.6
276	1	0.5	6.4	425	1	0.5	19.1
295	1	0.5	6.9	429	1	0.5	19.7
315	1	0.5	7.4	436	1	0.5	20.2
320	1	0.5	8.0	441	1	0.5	20.7
329	1	0.5	8.5	442	1	0.5	21.3
333	1	0.5	9.0	452	3	1.6	22.9
335	1	0.5	9.6	457	1	0.5	23.4
337	1	0.5	10.1	462	1	0.5	23.9
339	1	0.5	10.6	470	2	1.1	25.0
355	1	0.5	11.2	473	1	0.5	25.5
362	1	0.5	11.7	481	1	0.5	26.1
363	1	0.5	12.2	484	1	0.5	26.6
379	1	0.5	12.8	491	1	0.5	27.1

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=MN

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
496	1	0.5	27.7	647	1	0.5	58.0
504	1	0.5	28.2	652	1	0.5	58.5
505	1	0.5	28.7	653	2	1.1	59.6
507	1	0.5	29.3	654	1	0.5	60.1
510	1	0.5	29.8	661	1	0.5	60.6
513	1	0.5	30.3	662	1	0.5	61.2
514	1	0.5	30.9	663	1	0.5	61.7
515	1	0.5	31.4	664	1	0.5	62.2
523	1	0.5	31.9	675	2	1.1	63.3
524	1	0.5	32.4	693	1	0.5	63.8
526	2	1.1	33.5	697	1	0.5	64.4
529	1	0.5	34.0	701	1	0.5	64.9
530	1	0.5	34.6	702	2	1.1	66.0
533	2	1.1	35.6	704	2	1.1	67.0
535	2	1.1	36.7	712	1	0.5	67.6
536	1	0.5	37.2	713	1	0.5	68.1
538	1	0.5	37.8	719	1	0.5	68.6
540	2	1.1	38.8	721	1	0.5	69.1
542	1	0.5	39.4	728	1	0.5	69.7
545	1	0.5	39.9	729	1	0.5	70.2
553	1	0.5	40.4	732	1	0.5	70.7
554	1	0.5	41.0	741	2	1.1	71.8
571	1	0.5	41.5	742	1	0.5	72.3
573	1	0.5	42.0	766	1	0.5	72.9
574	1	0.5	42.6	767	1	0.5	73.4
580	1	0.5	43.1	778	1	0.5	73.9
581	1	0.5	43.6	780	1	0.5	74.5
582	1	0.5	44.1	783	2	1.1	75.5
586	1	0.5	44.7	784	1	0.5	76.1
587	1	0.5	45.2	792	1	0.5	76.6
589	1	0.5	45.7	793	1	0.5	77.1
591	1	0.5	46.3	806	1	0.5	77.7
593	1	0.5	46.8	814	1	0.5	78.2
595	2	1.1	47.9	830	1	0.5	78.7
597	1	0.5	48.4	832	1	0.5	79.3
598	1	0.5	48.9	841	1	0.5	79.8
600	1	0.5	49.5	846	1	0.5	80.3
606	1	0.5	50.0	850	1	0.5	80.9
608	2	1.1	51.1	864	1	0.5	81.4
612	1	0.5	51.6	869	1	0.5	81.9
613	2	1.1	52.7	873	1	0.5	82.4
614	1	0.5	53.2	900	1	0.5	83.0
615	1	0.5	53.7	913	1	0.5	83.5
618	1	0.5	54.3	930	1	0.5	84.0
626	1	0.5	54.8	939	1	0.5	84.6
628	1	0.5	55.3	961	1	0.5	85.1
630	2	1.1	56.4	967	1	0.5	85.6
633	1	0.5	56.9	1000	1	0.5	86.2
640	1	0.5	57.4	1038	1	0.5	86.7

SUMMARY STATS & CUMMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=MN

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS		VALUE	COUNT	PERCENTS	
		CELL	CUM			CELL	CUM
1039	1	0.5	87.2	1180	1	0.5	94.1
1044	1	0.5	87.8	1182	1	0.5	94.7
1048	1	0.5	88.3	1226	1	0.5	95.2
1050	1	0.5	88.8	1248	1	0.5	95.7
1065	1	0.5	89.4	1255	1	0.5	96.3
1074	1	0.5	89.9	1270	1	0.5	96.8
1098	1	0.5	90.4	1387	1	0.5	97.3
1128	1	0.5	91.0	1435	1	0.5	97.9
1134	1	0.5	91.5	1465	1	0.5	98.4
1149	1	0.5	92.0	1466	1	0.5	98.9
1151	1	0.5	92.6	1493	1	0.5	99.5
1157	1	0.5	93.1	1544	1	0.5	100.0
1178	1	0.5	93.6				

SUMMARY STATS & CUMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=CO

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	SKWENESS	USS	CV	T:MEAN=0	SGN RANK
188	8.28191	9.52117	1.66145	29847	114.963	11.9267	8883
188	SUM WGTs	SUM	VARIANCE	KURTOSIS	CSS	STD MEAN	PROB> T
188	1557	75% Q3	90.6527	50% MED	2.60226	25% Q1	16952.1
188	100% MAX	0% MIN	0.694403	RANGE	0.0001	Q3-Q1	MODE
47	99%	95%	90%	10%	5%	1%	
45.22							

EXTREMES

LOWEST	HIGHEST
2	35
2	37
2	39
2	45
2	47

MISSING VALUE
COUNT 8
% COUNT/NOBS 4.08

FREQUENCY TABLE

VALUE	COUNT	PERCENTS	CELL	CUM
2	115	61.2	61.2	61.2
10	4	2.1	63.3	63.3
11	9	4.8	68.1	68.1
12	8	4.3	72.3	72.3
13	6	3.2	75.5	75.5
14	9	4.8	80.3	80.3
15	6	3.2	83.5	83.5
16	4	2.1	85.6	85.6
17	2	1.1	86.7	86.7
19	3	1.6	88.3	88.3
20	2	1.1	89.4	89.4
22	1	0.5	89.9	89.9
23	2	1.1	91.0	91.0
24	1	0.5	91.5	91.5
25	1	0.5	92.0	92.0
26	1	0.5	92.6	92.6
27	3	1.6	94.1	94.1
28	3	1.6	95.7	95.7
29	1	0.5	96.3	96.3
31	1	0.5	96.8	96.8
32	1	0.5	97.3	97.3
35	1	0.5	97.9	97.9
37	1	0.5	98.4	98.4
39	1	0.5	98.9	98.9
45	1	0.5	99.5	99.5
47	1	0.5	100.0	100.0

SUMMARY STATS & CUMULATIVE FREQUENCY (+80 & -80 MESH COMBINED)
ROMBAKEN (HAUGFJELLET AREA) 1983

UNIVARIATE

VARIABLE=AG

MOMENTS			QUANTILES(DEF=4)		
N	195	SUM	195	100%	MAX
MEAN	0.158462	SUM	30.9	75%	Q3
STD DEV	0.349178	VARIANCE	0.121925	50%	MED
SKEWNESS	7.43163	KURTOSIS	61.149	25%	Q1
USS	28.55	CSS	23.6535	0%	MIN
CV	220.355	STD MEAN	0.0250052		
T: MEAN=0	6.33715	PROB> T	0.0001	RANGE	
SGN RANK	9555	PROB> S	0.0001	Q3-Q1	
NUM -= 0	195	MODE			
			3.5	3.6	99%
			0	0.1	95%
			0.1	0.1	90%
			0.1	0.1	10%
			0.1	0.1	5%
			0.1	0.1	1%
					2.44797

EXTREMES	
LOWEST	HIGHEST
0.1	1.2
0.1	1.2
0.1	2
0.1	2.4
0.1	3.6

MISSING VALUE	COUNT	% COUNT/NOBS
.	1	0.51

FREQUENCY TABLE			
		PERCENTS	
VALUE	COUNT	CELL	CUM
0.1	187	95.9	95.9
0.6	3	1.5	97.4
1.2	2	1.0	98.5
		VALUE	COUNT
		2	1
		2.4	1
		3.6	1
		PERCENTS	
		CELL	CUM
		0.5	99.0
		0.5	99.5
		0.5	100.0

SUMMARY STATS

ROMBAKEN (HAUGFJELLET AREA) 1983

SCREEN=4

UNIVARIATE

VARIABLE=AU

MOMENTS

	86	SUM	WGTS	86100%	MAX	49.7147	99%	49.7147
N	0.589427	SUM	50.6907	75%	Q3	0.00925	95%	0.0416
MEAN	5.35977	VARIANCE	28.7272	50%	MED	0.001	90%	0.015
STD DEV	9.27289	KURTOSIS	85.9909	25%	Q1	0.001	10%	0.001
SKWENESS	2471.69	CSS	2441.81	0%	MIN	0.001	5%	0.001
USS	909.32	STD MEAN	0.5777959				1%	0.001
CV	1.01984	PROB> T	0.310698	RANGE		49.7137		
T:MEAN=0	1870.5	PROB> S	0.0001	Q3-Q1		0.00825		
SGN RANK	86			MODE		0.001		
SUM	86							

EXTREMES

LOWEST	HIGHEST
0.001	0.039
0.001	0.043
0.001	0.216
0.001	0.2846
0.001	49.7147

MISSING VALUE	COUNT	% COUNT/NOBS
.	3	3.37

FREQUENCY TABLE

[illegible]

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=CU

MOMENTS

N 83 SUM WGTs
MEAN 19.44578 SUM
STD DEV 21.7269 VARIANCE
SKEWNESS 1.65388 KURTOSIS
USS 70133 CSS
CV 111.661 STD MEAN
T: MEAN=0 8.15899 PROB>|T|
SGN RANK 1743 PROB>|S|
NUM -= 0 83

QUANTILES(DEF=4)

83100% MAX 98 99%
1615 75% Q3 27 95%
472.056 50% MED 13 90%
2.32037 25% Q1 2 10%
38708.6 0% MIN 2 5%
2.38483 1%
0.0001 RANGE 96
0.0001 Q3-Q1 25
MODE 2

98
71.4
57
2
2
2

EXTREMES

LOWEST 2 HIGHEST 69
2 72
2 77
2 79
2 98

MISSING VALUE .
COUNT 6
% COUNT/NOBS 6.74

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	29	34.9	34.9	29	2	2.4	79.5
10	3	3.6	38.6	30	1	1.2	80.7
11	5	6.0	44.6	34	1	1.2	81.9
12	3	3.6	48.2	36	1	1.2	83.1
13	5	6.0	54.2	38	2	2.4	85.5
14	2	2.4	56.6	41	1	1.2	86.7
15	2	2.4	59.0	46	2	2.4	89.2
16	1	1.2	60.2	57	2	2.4	91.6
17	4	4.8	65.1	63	1	1.2	92.8
18	1	1.2	66.3	67	1	1.2	94.0
19	2	2.4	68.7	69	1	1.2	95.2
21	1	1.2	69.9	72	1	1.2	96.4
22	1	1.2	71.1	77	1	1.2	97.6
23	3	3.6	74.7	79	1	1.2	98.8
27	1	1.2	75.9	98	1	1.2	100.0
28	1	1.2	77.1				

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=PB

MOMENTS				QUANTILES(DEF=4)			
	83	SUM	WGTS				
N	37.4217	SUM		394	99%	394	394
MEAN	57.7628	VARIANCE		39	95%	157.4	157.4
STD DEV	4.1467	KURTOSIS		20	90%	70.8	70.8
SKEWNESS	389828	CSS		14	10%	2	2
USS	154.356	STD MEAN		2	5%	2	2
CV	5.9022	PROB> T		392	1%		
T: MEAN=0	1743	PROB> S		25			
SGN RANK	83			2			
NUM -= 0							

EXTREMES

LOWEST	HIGHEST
2	143
2	161
2	189
2	270
2	394

MISSING VALUE
COUNT
% COUNT/NOBS 6.74

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	12	14.5	14.5	36	1	1.2	72.3
11	2	2.4	16.9	37	1	1.2	73.5
12	2	2.4	19.3	39	2	2.4	75.9
13	4	4.8	24.1	45	3	3.6	79.5
14	6	7.2	31.3	47	1	1.2	80.7
15	1	1.2	32.5	51	1	1.2	81.9
16	5	6.0	38.6	52	1	1.2	83.1
17	3	3.6	42.2	55	1	1.2	84.3
18	2	2.4	44.6	56	1	1.2	85.5
19	3	3.6	48.2	57	1	1.2	86.7
20	5	6.0	54.2	60	1	1.2	88.0
21	3	3.6	57.8	64	1	1.2	89.2
22	1	1.2	59.0	69	1	1.2	90.4
23	2	2.4	61.4	72	1	1.2	91.6
24	1	1.2	62.7	74	1	1.2	92.8
27	1	1.2	63.9	98	1	1.2	94.0
28	1	1.2	65.1	143	1	1.2	95.2
29	1	1.2	66.3	161	1	1.2	96.4
30	1	1.2	67.5	189	1	1.2	97.6
31	2	2.4	69.9	270	1	1.2	98.8
32	1	1.2	71.1	394	1	1.2	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=ZN

MOMENTS				QUANTILES(DEF=4)			
	83	SUM WGTs		83100%	MAX	1042	99%
N	107.988	SUM		8963	75% Q3	144	95%
MEAN	128.577	VARIANCE		16532.1	50% MED	71	90%
STD DEV	4.96975	KURTOSIS		33.8745	25% Q1	41	10%
SKENNESS	2323531	CSS		1355635	0% MIN	12	5%
USS	119.066	STD MEAN		14.1132	RANGE	1030	1%
CV	7.65156	PROB> T		0.0001	Q3-Q1	103	
T:MEAN=0	1743	PROB> S		0.0001	MODE	54	
SGN RANK	83						
NUM -= 0							

EXTREMES

LOWEST	HIGHEST
12	266
14	284
16	315
17	348
18	1042

MISSING VALUE
COUNT
% COUNT/NOBS 6.74

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
12	1	1.2	1.2	54	3	3.6	37.3
14	1	1.2	2.4	56	2	2.4	39.8
16	1	1.2	3.6	58	1	1.2	41.0
17	1	1.2	4.8	60	2	2.4	43.4
18	2	2.4	7.2	61	1	1.2	44.6
20	1	1.2	8.4	62	1	1.2	45.8
22	1	1.2	9.6	64	1	1.2	47.0
26	1	1.2	10.8	70	1	1.2	48.2
27	1	1.2	12.0	71	2	2.4	50.6
29	1	1.2	13.3	72	1	1.2	51.8
30	2	2.4	15.7	73	2	2.4	54.2
31	1	1.2	16.9	77	1	1.2	55.4
33	2	2.4	19.3	81	1	1.2	56.6
36	1	1.2	20.5	84	1	1.2	57.8
39	1	1.2	21.7	88	1	1.2	59.0
40	2	2.4	24.1	90	1	1.2	60.2
41	1	1.2	25.3	91	1	1.2	61.4
43	1	1.2	26.5	93	1	1.2	62.7
47	1	1.2	27.7	96	1	1.2	63.9
48	1	1.2	28.9	98	2	2.4	66.3
49	2	2.4	31.3	99	1	1.2	67.5
50	1	1.2	32.5	102	1	1.2	68.7
52	1	1.2	33.7	116	1	1.2	69.9

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=ZN

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
119	1	1.2	71.1	187	1	1.2	86.7
123	1	1.2	72.3	202	1	1.2	88.0
126	1	1.2	73.5	214	1	1.2	89.2
133	1	1.2	74.7	236	1	1.2	90.4
144	1	1.2	75.9	238	1	1.2	91.6
153	1	1.2	77.1	240	1	1.2	92.8
156	1	1.2	78.3	243	1	1.2	94.0
157	1	1.2	79.5	266	1	1.2	95.2
158	1	1.2	80.7	284	1	1.2	96.4
159	1	1.2	81.9	315	1	1.2	97.6
168	1	1.2	83.1	348	1	1.2	98.8
174	1	1.2	84.3	1042	1	1.2	100.0
186	1	1.2	85.5				

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)			
	84	SUM WGTs		84	100% MAX		
N	45	5714	SUM	3828	75% Q3	924	99%
MEAN	128	084	VARIANCE	16405.4	50% MED	37.5	95%
STD DEV	5.4	2002	KURTOSIS	32.1802	25% Q1	14	90%
SKEWNESS	153	6096	CSS	1361649	0% MIN	2	10%
USS	281	061	STD MEAN	13.9751		2	5%
CV	3.2	6091	PROB> T	0.0016121	RANGE	922	1%
T:MEAN=0	1785		PROB> S	0.0001	Q3-Q1	35.5	
SGN RANK	84				MODE	2	
NUM != 0							

EXTREMES

LOWEST	HIGHEST
2	148
2	223
2	340
2	645
2	924

MISSING VALUE
COUNT
% COUNT/NOBS 5.62

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	37	44.0	44.0	38	4	4.8	79.8
11	2	2.4	46.4	43	2	2.4	82.1
12	1	1.2	47.6	45	1	1.2	83.3
13	1	1.2	48.8	51	1	1.2	84.5
14	2	2.4	51.2	55	1	1.2	85.7
15	2	2.4	53.6	59	1	1.2	86.9
16	1	1.2	54.8	62	1	1.2	88.1
17	2	2.4	57.1	64	1	1.2	89.3
18	4	4.8	61.9	65	1	1.2	90.5
20	2	2.4	64.3	77	1	1.2	91.7
22	1	1.2	65.5	98	1	1.2	92.9
23	1	1.2	66.7	137	1	1.2	94.0
24	1	1.2	67.9	148	1	1.2	95.2
25	1	1.2	69.0	223	1	1.2	96.4
28	1	1.2	70.2	340	1	1.2	97.6
30	1	1.2	71.4	645	1	1.2	98.8
32	1	1.2	72.6	924	1	1.2	100.0
36	2	2.4	75.0				

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=FE

MOMENTS				QUANTILES(DEF=4)			
N	84	SUM	WGTS	84100%	MAX	83000	99%
MEAN	32436.9	SUM		2724700	75% Q3	39825	95%
STD DEV	14406.4	VARIANCE		207543320	50% MED	30000	90%
SKWNESS	1.25945	KURTOSIS		2.57521	25% Q1	24025	10%
USS	1.056E+11	CSS		1.723E+10	0% MIN	9600	5%
CV	44.4135	STD MEAN		1571.86			1%
T: MEAN=0	20.636	PROB> T		0.0001	RANGE	73400	
SGN RANK	1785	PROB> S		0.0001	Q3-Q1	15800	
NUM = 0	84				MODE	18200	

EXTREMES

LOWEST	HIGHEST
9600	56100
10800	57300
10900	78600
12000	78700
13200	83000

MISSING VALUE
COUNT
% COUNT/NOBS 5.62

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
9600	1	1.2	1.2	24600	1	1.2	29.8
10800	1	1.2	2.4	25100	1	1.2	31.0
10900	1	1.2	3.6	25400	1	1.2	32.1
12000	1	1.2	4.8	25500	1	1.2	33.3
13200	1	1.2	6.0	26600	1	1.2	34.5
13400	1	1.2	7.1	26700	1	1.2	35.7
14500	1	1.2	8.3	26900	1	1.2	36.9
14800	1	1.2	9.5	27000	1	1.2	38.1
15600	1	1.2	10.7	27200	1	1.2	39.3
16300	1	1.2	11.9	27300	1	1.2	40.5
18200	2	2.4	14.3	27400	1	1.2	41.7
18300	1	1.2	15.5	28100	1	1.2	42.9
19000	1	1.2	16.7	28300	1	1.2	44.0
19500	1	1.2	17.9	28400	1	1.2	45.2
21200	1	1.2	19.0	28800	1	1.2	46.4
21600	1	1.2	20.2	29100	1	1.2	47.6
23300	1	1.2	21.4	29300	1	1.2	48.8
23400	1	1.2	22.6	29800	1	1.2	50.0
23600	1	1.2	23.8	30200	2	2.4	52.4
24000	1	1.2	25.0	31200	1	1.2	53.6
24100	1	1.2	26.2	31300	1	1.2	54.8
24300	1	1.2	27.4	32000	1	1.2	56.0
24500	1	1.2	28.6	32500	2	2.4	58.3

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=FE

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
33000	1	1.2	59.5	43200	1	1.2	81.0
33200	1	1.2	60.7	44300	1	1.2	82.1
33600	1	1.2	61.9	44400	1	1.2	83.3
33700	1	1.2	63.1	44700	1	1.2	84.5
33900	1	1.2	64.3	44800	1	1.2	85.7
34000	1	1.2	65.5	45300	1	1.2	86.9
34800	1	1.2	66.7	46000	1	1.2	88.1
34900	1	1.2	67.9	46100	1	1.2	89.3
35600	2	2.4	70.2	48100	1	1.2	90.5
36900	1	1.2	71.4	51300	1	1.2	91.7
38400	1	1.2	72.6	52200	1	1.2	92.9
38500	1	1.2	73.8	54200	1	1.2	94.0
39600	1	1.2	75.0	56100	1	1.2	95.2
39900	1	1.2	76.2	57300	1	1.2	96.4
40600	1	1.2	77.4	78600	1	1.2	97.6
41500	1	1.2	78.6	78700	1	1.2	98.8
43000	1	1.2	79.8	83000	1	1.2	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=MN

MOMENTS				QUANTILES(DEF=4)			
	84	SUM	WGTS				
N	653.06	SUM		84	100%	MAX	1544
MEAN	333.702	VARIANCE		54857	75%	Q3	1393.75
STD DEV	0.858764	KURTOSIS		111357	50%	MED	1180
SKEWNESS	45067537	CSS		0.25893	25%	Q1	281.5
USS	51.0983	STD MEAN		9242651	0%	MIN	181.25
CV	17.9363	PROB> T		36.4099	RANGE		103
T: MEAN=0	1785	PROB> S		0.0001	Q3-Q1		
SGN RANK	84			0.0001	MODE		
NUM ^= 0							

EXTREMES

LOWEST	HIGHEST
103	1270
149	1435
172	1466
173	1493
206	1544

MISSING VALUE
COUNT
% COUNT/NOBS 5.62

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
103	1	1.2	1.2	452	3	3.6	31.0
149	1	1.2	2.4	462	1	1.2	32.1
172	1	1.2	3.6	470	1	1.2	33.3
173	1	1.2	4.8	481	1	1.2	34.5
206	1	1.2	6.0	496	1	1.2	35.7
222	1	1.2	7.1	510	1	1.2	36.9
247	1	1.2	8.3	514	1	1.2	38.1
268	1	1.2	9.5	523	1	1.2	39.3
295	1	1.2	10.7	524	1	1.2	40.5
320	1	1.2	11.9	526	1	1.2	41.7
329	1	1.2	13.1	533	1	1.2	42.9
333	1	1.2	14.3	540	1	1.2	44.0
335	1	1.2	15.5	581	1	1.2	45.2
337	1	1.2	16.7	587	1	1.2	46.4
339	1	1.2	17.9	589	1	1.2	47.6
362	1	1.2	19.0	591	1	1.2	48.8
379	1	1.2	20.2	593	1	1.2	50.0
391	1	1.2	21.4	606	1	1.2	51.2
401	1	1.2	22.6	608	2	2.4	53.6
411	1	1.2	23.8	612	1	1.2	54.8
425	1	1.2	25.0	618	1	1.2	56.0
429	1	1.2	26.2	630	1	1.2	57.1
442	1	1.2	27.4	640	1	1.2	58.3

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=MN

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS		VALUE	COUNT	PERCENTS	
		CELL	CUM			CELL	CUM
652	1	1.2	59.5	967	1	1.2	82.1
654	1	1.2	60.7	1039	1	1.2	83.3
675	2	2.4	63.1	1044	1	1.2	84.5
693	1	1.2	64.3	1048	1	1.2	85.7
697	1	1.2	65.5	1098	1	1.2	86.9
701	1	1.2	66.7	1134	1	1.2	88.1
702	2	2.4	69.0	1149	1	1.2	89.3
704	1	1.2	70.2	1178	1	1.2	90.5
713	1	1.2	71.4	1182	1	1.2	91.7
719	1	1.2	72.6	1226	1	1.2	92.9
728	1	1.2	73.8	1248	1	1.2	94.0
766	1	1.2	75.0	1270	1	1.2	95.2
784	1	1.2	76.2	1435	1	1.2	96.4
830	1	1.2	77.4	1466	1	1.2	97.6
850	1	1.2	78.6	1493	1	1.2	98.8
864	1	1.2	79.8	1544	1	1.2	100.0
961	1	1.2	81.0				

SUMMARY STATS & CUMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=CO

[illegible]

EXTREMES	
LOWEST	HIGHEST
2	27
2	28
2	32
2	37
2	45

MISSING VALUE	COUNT	% COUNT/NOBS
5	5	5.62

FREQUENCY TABLE							
VALUE COUNT		PERCENTS		VALUE COUNT		PERCENTS	
VALUE	COUNT	CELL	CUM	VALUE	COUNT	CELL	CUM
2	54	64.3	64.3	20	1	1.2	89.3
10	2	2.4	66.7	22	1	1.2	90.5
11	6	7.1	73.8	23	1	1.2	91.7
12	2	2.4	76.2	25	1	1.2	92.9
13	2	2.4	78.6	27	2	2.4	95.2
14	2	2.4	81.0	28	1	1.2	96.4
15	3	3.6	84.5	32	1	1.2	97.6
16	1	1.2	85.7	37	1	1.2	98.8
19	2	2.4	88.1	45	1	1.2	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=4

UNIVARIATE

VARIABLE=AG

MOMENTS				QUANTILES(DEF=4)			
	88	SUM	WGTS	88	100% MAX	2	99%
N	0.127273	SUM		11.2	75% Q3	0.1	95%
MEAN	0.208843	VARIANCE		0.0436155	50% MED	0.1	90%
STD DEV	8.61478	KURTOSIS		76.843	25% Q1	0.1	10%
SKWNESS	5.22	CSS		3.79455	0% MIN	0.1	5%
USS	164.091	STD MEAN		0.0222628		0.1	1%
CV	5.71685	PROB> T		0.0001	RANGE	1.9	
T: MEAN=0	1958	PROB> S		0.0001	Q3-Q1	0	
SGN RANK	88				MODE	0.1	
NUM ^= 0							

EXTREMES

LOWEST	HIGHEST
0.1	0.1
0.1	0.1
0.1	0.1
0.1	0.6
0.1	2

MISSING VALUE	1
COUNT	
% COUNT/NOBS	1.12

FREQUENCY TABLE

VALUE	COUNT	PERCENTS
0.1	86	CELL 97.7
0.6	1	CUM 97.7
		1.1 98.9
		PERCENTS
		CELL 1.1
		CUM 100.0

SUMMARY STATS
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=AU

MOMENTS				QUANTILES(DEF=4)			
N	104	SUM	WGTS	104	100%	MAX	99%
MEAN	0.0175904	SUM		1.8294	75%	Q3	1.23013
STD DEV	0.12649	VARIANCE		0.0159997	50%	MED	0.0247499
SKWNESS	10.1463	KURTOSIS		103.285	25%	Q1	0.0175
USS	1.68015	CSS		1.64797	0%	MIN	0.001
CV	719.087	STD MEAN		0.0124034	RANGE		0.001
T: MEAN=0	1.41819	PROB> T		0.159153	Q3-Q1		0.001
SGN RANK	2730	PROB> S		0.0001	MODE		
NUM = 0	104						

EXTREMES

LOWEST	HIGHEST
0.001	0.026
0.001	0.026
0.001	0.029
0.001	0.036
0.001	1.293

MISSING VALUE
COUNT
% COUNT/NOBS 1.89

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
1.0E-03	61	58.7	58.7	0.015	2	1.9	88.5
0.002	6	5.8	64.4	0.017	2	1.9	90.4
0.004	3	2.9	67.3	0.018	1	1.0	91.3
0.005	6	5.8	73.1	0.019	1	1.0	92.3
0.007	5	4.8	77.9	0.02	1	1.0	93.3
0.009	1	1.0	78.8	0.021	2	1.9	95.2
0.01	3	2.9	81.7	0.026	2	1.9	97.1
0.012	1	1.0	82.7	0.029	1	1.0	98.1
0.0137	2	1.9	84.6	0.036	1	1.0	99.0
0.014	2	1.9	86.5	1.293	1	1.0	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=CU

MOMENTS

N 103 SUM WGT
MEAN 31.5243 SUM
STD DEV 29.6961 VARIANCE
SKEWNESS 1.56486 KURTOSIS
USS 192309 CSS
CV 94.2008 STD MEAN
T: MEAN=0 10.7737 PROB>|T|
SGN RANK 2678 PROB>|S|
NUM = 0 103

QUANTILES(DEF=4)

103 100% MAX
3247 75% Q3
881.86 50% MED
4.51818 25% Q1
89949.7 0% MIN
2.92605
0.0001 RANGE
0.0001 Q3-Q1
MODE

144.96
98.5999
64.2
2
2
2

EXTREMES

LOWEST 2 HIGHEST 101
2 108
2 138
2 144
2 145

MISSING VALUE
COUNT 3
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	16	15.5	15.5	35	3	2.9	68.0
10	4	3.9	19.4	36	2	1.9	69.9
11	4	3.9	23.3	37	2	1.9	71.8
12	1	1.0	24.3	38	2	1.9	73.8
13	3	2.9	27.2	39	3	2.9	76.7
14	1	1.0	28.2	41	2	1.9	78.6
15	4	3.9	32.0	42	1	1.0	79.6
16	3	2.9	35.0	43	2	1.9	81.6
17	2	1.9	36.9	50	1	1.0	82.5
18	2	1.9	38.8	51	1	1.0	83.5
19	2	1.9	40.8	52	2	1.9	85.4
20	3	2.9	43.7	53	2	1.9	87.4
21	2	1.9	45.6	58	1	1.0	88.3
24	3	2.9	48.5	59	1	1.0	89.3
25	2	1.9	50.5	63	1	1.0	90.3
26	3	2.9	53.4	65	1	1.0	91.3
27	4	3.9	57.3	83	1	1.0	92.2
28	1	1.0	58.3	86	1	1.0	93.2
29	1	1.0	59.2	89	2	1.9	95.1
30	1	1.0	60.2	101	1	1.0	96.1
31	2	1.9	62.1	108	1	1.0	97.1
32	2	1.9	64.1	138	1	1.0	98.1
34	1	1.0	65.0	144	1	1.0	99.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=CU

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS
	CELL	CUM
145	1	1.0 100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=PB

MOMENTS				QUANTILES(DEF=4)			
	103	SUM	WGTS				
N	103	SUM		103	100%	MAX	1588.31
MEAN	87.1068	SUM		8972	75%	Q3	401
STD DEV	191.122	VARIANCE		36527.7	50%	MED	194.4
SKEWNESS	5.84097	KURTOSIS		42.4614	25%	Q1	13
USS	4507348	CSS		3725826	0%	MIN	3.59999
CV	219.411	STD MEAN		18.8318			2
T:MEAN=0	4.62551	PROB> T		0.0001	RANGE		
SGN RANK	2678	PROB> S		0.0001	Q3-Q1		
NUM = 0	103				MODE		

EXTREMES

LOWEST	HIGHEST
2	408
2	424
2	617
2	636
2	1628

MISSING VALUE
COUNT
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM
2	5	4.9	4.9
10	2	1.9	6.8
12	2	1.9	8.7
13	2	1.9	10.7
14	3	2.9	13.6
15	7	6.8	20.4
16	1	1.0	21.4
17	3	2.9	24.3
18	5	4.9	29.1
19	1	1.0	30.1
20	1	1.0	31.1
21	3	2.9	34.0
22	1	1.0	35.0
23	2	1.9	36.9
24	2	1.9	38.8
26	1	1.0	39.8
27	3	2.9	42.7
28	1	1.0	43.7
29	2	1.9	45.6
30	1	1.0	46.6
31	6	5.8	52.4
32	4	3.9	56.3
34	1	1.0	57.3

VALUE	COUNT	PERCENTS CELL	CUM
35	1	1.0	58.3
39	2	1.9	60.2
41	1	1.0	61.2
42	1	1.0	62.1
43	1	1.0	63.1
46	1	1.0	64.1
50	2	1.9	66.0
51	3	2.9	68.9
52	3	2.9	71.8
56	1	1.0	72.8
63	1	1.0	73.8
65	1	1.0	74.8
67	1	1.0	75.7
68	1	1.0	76.7
69	1	1.0	77.7
70	1	1.0	78.6
76	1	1.0	79.6
81	1	1.0	80.6
86	1	1.0	81.6
87	1	1.0	82.5
91	1	1.0	83.5
132	1	1.0	84.5
136	1	1.0	85.4

SUMMARY STATS & CUMMULATIVE FREQUENCY
 ROMBAKEN (HAUGFJELLET AREA) 1983
 SCREEN=5

UNIVARIATE

VARIABLE=PB

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS		VALUE	COUNT	PERCENTS	
		CELL	CUM			CELL	CUM
143	1	1.0	86.4	345	1	1.0	94.2
161	2	1.9	88.3	373	1	1.0	95.1
162	1	1.0	89.3	408	1	1.0	96.1
189	1	1.0	90.3	424	1	1.0	97.1
198	1	1.0	91.3	617	1	1.0	98.1
243	1	1.0	92.2	636	1	1.0	99.0
270	1	1.0	93.2	1628	1	1.0	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=ZN

MOMENTS				QUANTILES(DEF=4)			
	103	SUM WGTs		103100% MAX	993	99%	985.678
MEAN	154.68	SUM		15932 75% Q3	184	95%	520.999
STD DEV	157.935	VARIANCE		24943.3 50% MED	104	90%	319.8
SKENNESS	2.78573	KURTOSIS		9.96813 25% Q1	55	10%	38.4
USS	5008576	CSS		2544220 0% MIN	25	5%	33.2
CV	102.104	STD MEAN		15.5618		1%	25.04
T:MEAN=0	9.93973	PROB> T		0.0001 RANGE	968		
SGN RANK	2678	PROB> S		0.0001 Q3-Q1	129		
NUM = 0	103	MODE			33		

EXTREMES

LOWEST	HIGHEST
25	532
26	552
27	580
33	810
33	993

MISSING VALUE
COUNT 3
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
25	1	1.0	1.0	63	2	1.9	32.0
26	1	1.0	1.9	64	1	1.0	33.0
27	1	1.0	2.9	67	1	1.0	34.0
33	2	1.9	4.9	69	1	1.0	35.0
34	1	1.0	5.8	72	1	1.0	35.9
36	2	1.9	7.8	73	1	1.0	36.9
37	1	1.0	8.7	74	2	1.9	38.8
38	1	1.0	9.7	78	1	1.0	39.8
39	1	1.0	10.7	81	1	1.0	40.8
42	2	1.9	12.6	85	1	1.0	41.7
45	1	1.0	13.6	86	1	1.0	42.7
46	1	1.0	14.6	88	1	1.0	43.7
47	1	1.0	15.5	89	1	1.0	44.7
48	1	1.0	16.5	90	1	1.0	45.6
49	2	1.9	18.4	92	1	1.0	46.6
50	2	1.9	20.4	95	1	1.0	47.6
53	1	1.0	21.4	96	1	1.0	48.5
54	2	1.9	23.3	102	1	1.0	49.5
55	2	1.9	25.2	104	1	1.0	50.5
56	1	1.0	26.2	107	1	1.0	51.5
59	1	1.0	27.2	112	1	1.0	52.4
61	1	1.0	28.2	113	1	1.0	53.4
62	2	1.9	30.1	114	1	1.0	54.4

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=ZN

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
116	1	1.0	55.3	192	1	1.0	78.6
119	1	1.0	56.3	203	1	1.0	79.6
126	2	1.9	58.3	206	1	1.0	80.6
129	1	1.0	59.2	218	1	1.0	81.6
133	1	1.0	60.2	245	1	1.0	82.5
134	1	1.0	61.2	257	1	1.0	83.5
137	1	1.0	62.1	259	1	1.0	84.5
138	1	1.0	63.1	285	1	1.0	85.4
140	1	1.0	64.1	289	1	1.0	86.4
145	1	1.0	65.0	290	1	1.0	87.4
148	1	1.0	66.0	301	1	1.0	88.3
153	1	1.0	67.0	313	1	1.0	89.3
155	1	1.0	68.0	318	1	1.0	90.3
167	1	1.0	68.9	321	1	1.0	91.3
170	1	1.0	69.9	333	1	1.0	92.2
171	1	1.0	70.9	362	1	1.0	93.2
174	1	1.0	71.8	371	1	1.0	94.2
175	1	1.0	72.8	477	1	1.0	95.1
176	1	1.0	73.8	532	1	1.0	96.1
177	1	1.0	74.8	552	1	1.0	97.1
184	1	1.0	75.7	580	1	1.0	98.1
187	1	1.0	76.7	810	1	1.0	99.0
191	1	1.0	77.7	993	1	1.0	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)			
	103	SUM	WGTS				
N	42	8058	SUM	103	100% MAX	520	99%
MEAN	42	8058	SUM	4409	75% Q3	47	95%
STD DEV	84	2674	VARIANCE	7101	50% MED	14	90%
SKEWNESS	3	89597	KURTOSIS	17	25% Q1	2	10%
USS	913033	CSS		724302	0% MIN	2	5%
CV	196	86	STD MEAN	8	30312	2	1%
T:MEAN=0	5	15539	PROB> T	0	0001	518	
SGN RANK	2678	PROB> S		0	0001	45	
NUM ^= 0	103		MODE			2	

EXTREMES

LOWEST	HIGHEST
2	208
2	281
2	281
2	493
2	520

MISSING VALUE
COUNT
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	46	44.7	44.7	48	1	1.0	76.7
11	2	1.9	46.6	49	1	1.0	77.7
13	3	2.9	49.5	54	2	1.9	79.6
14	4	3.9	53.4	64	1	1.0	80.6
16	1	1.0	54.4	65	1	1.0	81.6
18	2	1.9	56.3	67	2	1.9	83.5
19	1	1.0	57.3	69	1	1.0	84.5
20	1	1.0	58.3	76	1	1.0	85.4
21	1	1.0	59.2	83	1	1.0	86.4
22	1	1.0	60.2	87	1	1.0	87.4
23	2	1.9	62.1	91	1	1.0	88.3
25	2	1.9	64.1	98	1	1.0	89.3
28	1	1.0	65.0	107	1	1.0	90.3
29	2	1.9	67.0	115	1	1.0	91.3
30	1	1.0	68.0	129	1	1.0	92.2
31	1	1.0	68.9	135	1	1.0	93.2
34	1	1.0	69.9	139	1	1.0	94.2
38	2	1.9	71.8	163	1	1.0	95.1
39	1	1.0	72.8	208	1	1.0	96.1
40	1	1.0	73.8	281	2	1.9	98.1
44	1	1.0	74.8	493	1	1.0	99.0
47	1	1.0	75.7	520	1	1.0	100.0

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=FE

MOMENTS				QUANTILES(DEF=4)			
N	103	SUM	WGTS	103	100% MAX	99%	117964
MEAN	36017.5	SUM		3709800	75% Q3	95%	57060
STD DEV	14036.3	VARIANCE		197016947	50% MED	90%	49980
SKEWNESS	2.29042	KURTOSIS		11.587	25% Q1	10%	21540
USS	1.537E+11	CSS		2.010E+10	0% MIN	5%	17840
CV	38.9707	STD MEAN		1383.04	RANGE	1%	11308
T: MEAN=0	26.0423	PROB> T		0.0001	Q3-Q1		
SGN RANK	2678	PROB> S		0.0001	MODE		
NUM = 0	103						

EXTREMES

LOWEST	HIGHEST
11200	57300
13900	61800
14000	63900
16500	69100
17500	120000

MISSING VALUE
COUNT 3
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
11200	1	1.0	1.0	26900	1	1.0	25.2
13900	1	1.0	1.9	27500	1	1.0	26.2
14000	1	1.0	2.9	28200	1	1.0	27.2
16500	1	1.0	3.9	28700	1	1.0	28.2
17500	1	1.0	4.9	28900	1	1.0	29.1
19200	1	1.0	5.8	29700	2	1.9	31.1
19700	2	1.9	7.8	29800	1	1.0	32.0
20900	1	1.0	8.7	29900	1	1.0	33.0
21300	1	1.0	9.7	30000	1	1.0	34.0
21900	1	1.0	10.7	30400	1	1.0	35.0
22300	1	1.0	11.7	30600	1	1.0	35.9
22900	1	1.0	12.6	30700	1	1.0	36.9
24200	1	1.0	13.6	30800	1	1.0	37.9
24300	1	1.0	14.6	31000	1	1.0	38.8
25000	2	1.9	16.5	31300	2	1.9	40.8
25100	1	1.0	17.5	31800	1	1.0	41.7
25400	1	1.0	18.4	32000	1	1.0	42.7
25600	1	1.0	19.4	32600	1	1.0	43.7
25900	1	1.0	20.4	32800	1	1.0	44.7
26100	1	1.0	21.4	32900	2	1.9	46.6
26200	1	1.0	22.3	33000	3	2.9	49.5
26500	1	1.0	23.3	33200	1	1.0	50.5
26600	1	1.0	24.3	34100	1	1.0	51.5

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=FE

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
34200	1	1.0	52.4	42900	1	1.0	76.7
34300	1	1.0	53.4	43200	1	1.0	77.7
34700	1	1.0	54.4	43500	1	1.0	78.6
34900	1	1.0	55.3	44800	1	1.0	79.6
35200	1	1.0	56.3	45200	1	1.0	80.6
35300	1	1.0	57.3	45500	1	1.0	81.6
35700	1	1.0	58.3	46200	1	1.0	82.5
36100	1	1.0	59.2	46800	1	1.0	83.5
36200	1	1.0	60.2	48100	1	1.0	84.5
37100	1	1.0	61.2	48200	1	1.0	85.4
37200	1	1.0	62.1	48300	1	1.0	86.4
37600	1	1.0	63.1	48800	1	1.0	87.4
37700	1	1.0	64.1	48900	1	1.0	88.3
38700	1	1.0	65.0	49800	2	1.9	90.3
39100	1	1.0	66.0	50100	1	1.0	91.3
39500	1	1.0	67.0	54500	1	1.0	92.2
39600	1	1.0	68.0	55400	1	1.0	93.2
39700	1	1.0	68.9	55800	1	1.0	94.2
40000	1	1.0	69.9	56100	1	1.0	95.1
40500	1	1.0	70.9	57300	1	1.0	96.1
40600	1	1.0	71.8	61800	1	1.0	97.1
41300	1	1.0	72.8	63900	1	1.0	98.1
42200	1	1.0	73.8	69100	1	1.0	99.0
42300	1	1.0	74.8	120000	1	1.0	100.0
42500	1	1.0	75.7				

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=MN

MOMENTS				QUANTILES(DEF=4)			
	103	SUM	WGTS				
N	103	SUM		103	100%	MAX	1465
MEAN	657.66	SUM		67739	75%	Q3	783
STD DEV	242.346	VARIANCE		58731.4	50%	MED	613
SKEWNESS	0.918994	KURTOSIS		1.25427	25%	Q1	513
USS	50539847	CSS		5990603	0%	MIN	151
CV	36.8497	STD MEAN		23.879			
T:MEAN=0	27.5413	PROB> T		0.0001	RANGE		1314
SGN RANK	2678	PROB> S		0.0001	Q3-Q1		270
NUM = 0	103	MODE					535

EXTREMES

LOWEST	HIGHEST
151	1157
168	1180
273	1255
276	1387
315	1465

MISSING VALUE
COUNT 3
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM
151	1	1.0	1.0
168	1	1.0	2.0
273	1	1.0	3.0
276	1	1.0	4.0
315	1	1.0	5.0
355	1	1.0	6.0
363	1	1.0	7.0
385	1	1.0	8.0
397	1	1.0	9.0
406	1	1.0	10.0
410	1	1.0	11.0
415	1	1.0	12.0
418	1	1.0	13.0
419	1	1.0	14.0
424	1	1.0	15.0
436	1	1.0	16.0
441	1	1.0	17.0
457	1	1.0	18.0
470	1	1.0	19.0
473	1	1.0	20.0
484	1	1.0	21.0
491	1	1.0	22.0
504	1	1.0	23.0
505	1	1.0	24.0
507	1	1.0	25.0
513	1	1.0	26.0
515	1	1.0	27.0
526	1	1.0	28.0
529	1	1.0	29.0
530	1	1.0	30.0
533	1	1.0	31.0
535	2	1.9	32.9
536	1	1.0	33.9
538	1	1.0	34.9
540	1	1.0	35.9
542	1	1.0	36.9
545	1	1.0	37.9
553	1	1.0	38.9
554	1	1.0	39.9
571	1	1.0	40.9
573	1	1.0	41.9
574	1	1.0	42.9
580	1	1.0	43.9
582	1	1.0	44.9
586	1	1.0	45.9
595	2	1.9	47.8

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=MN

FREQUENCY TABLE (CONT.)

VALUE	COUNT	PERCENTS		VALUE	COUNT	PERCENTS	
		CELL	CUM			CELL	CUM
597	1	1.0	47.6	783	2	1.9	76.7
598	1	1.0	48.5	792	1	1.0	77.7
600	1	1.0	49.5	793	1	1.0	78.6
613	2	1.9	51.5	806	1	1.0	79.6
614	1	1.0	52.4	814	1	1.0	80.6
615	1	1.0	53.4	832	1	1.0	81.6
626	1	1.0	54.4	841	1	1.0	82.5
628	1	1.0	55.3	846	1	1.0	83.5
630	1	1.0	56.3	869	1	1.0	84.5
633	1	1.0	57.3	873	1	1.0	85.4
647	1	1.0	58.3	900	1	1.0	86.4
653	2	1.9	60.2	913	1	1.0	87.4
661	1	1.0	61.2	930	1	1.0	88.3
662	1	1.0	62.1	939	1	1.0	89.3
663	1	1.0	63.1	1000	1	1.0	90.3
664	1	1.0	64.1	1038	1	1.0	91.3
704	1	1.0	65.0	1050	1	1.0	92.2
712	1	1.0	66.0	1074	1	1.0	93.2
721	1	1.0	67.0	1128	1	1.0	94.2
729	1	1.0	68.0	1151	1	1.0	95.1
732	1	1.0	68.9	1157	1	1.0	96.1
741	2	1.9	70.9	1180	1	1.0	97.1
742	1	1.0	71.8	1255	1	1.0	98.1
767	1	1.0	72.8	1387	1	1.0	99.0
778	1	1.0	73.8	1465	1	1.0	100.0
780	1	1.0	74.8				

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=CO

MOMENTS				QUANTILES(DEF=4)			
	103	SUM WGTs	103100% MAX	47	99%	46.6799	
MEAN	8.60194	SUM	886 75% Q3	14	95%	28.8	
STD DEV	9.66025	VARIANCE	93.3204 50% MED	2	90%	23.6	
SKWENESS	1.61205	KURTOSIS	2.52453 25% Q1	2	10%	2	
USS	17140	CSS	9518.68 0% MIN	2	5%	2	
CV	112.303	STD MEAN	0.951853		1%	2	
T:MEAN=0	9.03705	PROB> T	0.0001 RANGE	45			
SGN RANK	2678	PROB> S	0.0001 Q3-Q1	12			
NUM != 0	103	MODE		2			

EXTREMES

LOWEST	HIGHEST
2	29
2	31
2	35
2	39
2	47

MISSING VALUE
COUNT 3
% COUNT/NOBS 2.83

FREQUENCY TABLE

VALUE	COUNT	PERCENTS CELL	CUM	VALUE	COUNT	PERCENTS CELL	CUM
2	61	59.2	59.2	23	1	1.0	90.3
10	2	1.9	61.2	24	1	1.0	91.3
11	3	2.9	64.1	26	1	1.0	92.2
12	6	5.8	69.9	27	1	1.0	93.2
13	4	3.9	73.8	28	2	1.9	95.1
14	6	5.8	79.6	29	1	1.0	96.1
15	3	2.9	82.5	31	1	1.0	97.1
16	3	2.9	85.4	35	1	1.0	98.1
17	2	1.9	87.4	39	1	1.0	99.0
19	1	1.0	88.3	47	1	1.0	100.0
20	1	1.0	89.3				

SUMMARY STATS & CUMMULATIVE FREQUENCY
ROMBAKEN (HAUGFJELLET AREA) 1983
SCREEN=5

UNIVARIATE

VARIABLE=AG

MOMENTS				QUANTILES(DEF=4)			
N	106	SUM	WGTs	106100%	MAX	3.6	99%
MEAN	0.184906	SUM		19.6	75% Q3	0.1	95%
STD DEV	0.433105	VARIANCE		0.18758	50% MED	0.1	90%
SKEWNESS	6.31732	KURTOSIS		43.4216	25% Q1	0.1	10%
USS	23.32	CSS		19.6958	0% MIN	0.1	5%
CV	234.23	STD MEAN		0.0420668		0.1	1%
T:MEAN=0	4.39552	PROB> T		0.0001	RANGE	3.5	
SGN RANK	2835.5	PROB> S		0.0001	Q3-Q1	0	
NUM = 0	106				MODE	0.1	

EXTREMES

LOWEST	HIGHEST
0.1	0.6
0.1	1.2
0.1	1.2
0.1	2.4
0.1	3.6

FREQUENCY TABLE

PERCENTS			PERCENTS		
VALUE	COUNT	CELL	VALUE	COUNT	CELL
0.1	100	94.3	2.4	1	0.9
0.6	2	1.9	3.6	1	0.9
1.2	2	1.9			100.0

CORRELATION COEFFICIENTS, HAUGFJELLET AREA 1983
STREAM SEDIMENT DATA, +80 & -80 MESH COMBINED

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	191	0.27	3.60	53	0.0	49.7
CU	187	26.08	26.99	4877	2.0	145.0
PB	187	65.13	148.73	12180	2.0	1628.0
ZN	187	134.39	146.83	25130	12.0	1042.0
AS	188	43.82	105.67	8239	2.0	924.0
FE	188	34469.68	14263.39	6480300	9600.0	120000.0
MN	188	657.77	286.98	123661	103.0	1544.0
CO	188	8.28	9.52	1557	2.0	47.0
AG	195	0.16	0.35	31	0.1	3.6

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
AU	1.00000 0.0000 191	0.02463 0.7400 184	0.03446 0.6423 184	-0.02614 0.7246 184	0.00742 0.9204 184	-0.00158 0.9830 184	0.01132 0.8787 184
CU	0.02463 0.7400 184	1.00000 0.0000 187	0.61642 0.0001 187	0.59441 0.0001 187	0.57433 0.0001 187	0.72603 0.0001 187	0.32570 0.0001 187
PB	0.03446 0.6423 184	0.61642 0.0001 187	1.00000 0.0000 187	0.52291 0.0001 187	0.35247 0.0001 187	0.45359 0.0001 187	0.20927 0.0040 187
ZN	-0.02614 0.7246 184	0.59441 0.0001 187	0.52291 0.0001 187	1.00000 0.0000 187	0.65616 0.0001 187	0.56719 0.0001 187	0.52065 0.0001 187
AS	0.00742 0.9204 184	0.57433 0.0001 187	0.35247 0.0001 187	0.65616 0.0001 187	1.00000 0.0000 188	0.60746 0.0001 188	0.29380 0.0001 188
FE	-0.00158 0.9830 184	0.72603 0.0001 187	0.45359 0.0001 187	0.56719 0.0001 187	0.60746 0.0001 188	1.00000 0.0000 188	0.55379 0.0001 188
MN	0.01132 0.8787 184	0.32570 0.0001 187	0.20927 0.0040 187	0.52065 0.0001 187	0.29380 0.0001 188	0.55379 0.0001 188	1.00000 0.0000 188

CORRELATION COEFFICIENTS, HAUGFJELLET AREA 1983
STREAM SEDIMENT DATA, +80 & -80 MESH COMBINED

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
CO	-0.01542 0.8355 184	0.39278 0.0001 187	0.07480 0.3089 187	0.54708 0.0001 187	0.40979 0.0001 188	0.44978 0.0001 188	0.51562 0.0001 188
AG	-0.01257 0.8630 191	0.54007 0.0001 187	0.65967 0.0001 187	0.19916 0.0063 187	0.42837 0.0001 188	0.50849 0.0001 188	-0.01659 0.8213 188
	CO	AG					
AU	-0.01542 0.8355 184	-0.01257 0.8630 191					
CU	0.39278 0.0001 187	0.54007 0.0001 187					
PB	0.07480 0.3089 187	0.65967 0.0001 187					
ZN	0.54708 0.0001 187	0.19916 0.0063 187					
AS	0.40979 0.0001 188	0.42837 0.0001 188					
FE	0.44978 0.0001 188	0.50849 0.0001 188					
MN	0.51562 0.0001 188	-0.01659 0.8213 188					
CO	1.00000 0.0000 188	-0.07586 0.3008 188					
AG	-0.07586 0.3008 188	1.00000 0.0000 195					

CORRELATION COEFFICIENTS, HAUGFJELLET AREA 1983
STREAM SEDIMENT DATA
SCREEN=4

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	86	0.59	5.36	51	0.00	49.71
CU	83	19.46	21.73	1615	2.00	98.00
PB	83	37.42	57.76	3106	2.00	394.00
ZN	83	107.99	128.58	8963	12.00	1042.00
AS	84	45.57	128.08	3828	2.00	924.00
FE	84	32436.90	14406.36	2724700	9600.00	83000.00
MN	84	653.06	333.70	54857	103.00	1544.00
CO	84	7.82	9.42	657	2.00	45.00
AG	88	0.13	0.21	11	0.10	2.00

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
AU	1.00000 0.0000 86	-0.03738 0.7388 82	-0.02594 0.8171 82	-0.04175 0.7096 82	-0.01583 0.8878 82	-0.02974 0.7908 82	-0.01160 0.9176 82
CU	-0.03738 0.7388 82	1.00000 0.0000 83	0.68545 0.0001 83	0.72278 0.0001 83	0.64303 0.0001 83	0.74502 0.0001 83	0.41697 0.0001 83
PB	-0.02594 0.8171 82	0.68545 0.0001 83	1.00000 0.0000 83	0.83227 0.0001 83	0.65438 0.0001 83	0.52740 0.0001 83	0.35090 0.0011 83
ZN	-0.04175 0.7096 82	0.72278 0.0001 83	0.83227 0.0001 83	1.00000 0.0000 83	0.81146 0.0001 83	0.71419 0.0001 83	0.57910 0.0001 83
AS	-0.01583 0.8878 82	0.64303 0.0001 83	0.65438 0.0001 83	0.81146 0.0001 83	1.00000 0.0000 84	0.58882 0.0001 84	0.30203 0.0052 84
FE	-0.02974 0.7908 82	0.74502 0.0001 83	0.52740 0.0001 83	0.71419 0.0001 83	0.58882 0.0001 84	1.00000 0.0000 84	0.63437 0.0001 84

CORRELATION COEFFICIENTS, HAUGFJELLET AREA 1983
STREAM SEDIMENT DATA
SCREEN=4

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
MN	-0.01160 0.9176 82	0.41697 0.0001 83	0.35090 0.0011 83	0.57910 0.0001 83	0.30203 0.0052 84	0.63437 0.0001 84	1.00000 0.0000 84
CO	-0.03697 0.7416 82	0.66335 0.0001 83	0.44992 0.0001 83	0.70638 0.0001 83	0.48340 0.0001 84	0.55954 0.0001 84	0.64749 0.0001 84
AG	-0.01467 0.8933 86	0.36001 0.0008 83	0.15632 0.1582 83	0.21233 0.0540 83	0.49959 0.0001 84	0.39991 0.0002 84	-0.03824 0.7299 84
	CO	AG					
AU	-0.03697 0.7416 82	-0.01467 0.8933 86					
CU	0.66335 0.0001 83	0.36001 0.0008 83					
PB	0.44992 0.0001 83	0.15632 0.1582 83					
ZN	0.70638 0.0001 83	0.21233 0.0540 83					
AS	0.48340 0.0001 84	0.49959 0.0001 84					
FE	0.55954 0.0001 84	0.39991 0.0002 84					
MN	0.64749 0.0001 84	-0.03824 0.7299 84					
CO	1.00000 0.0000 84	0.01871 0.8658 84					
AG	0.01871 0.8658 84	1.00000 0.0000 88					

CORRELATION COEFFICIENTS, HAUGFJELLET AREA 1983
STREAM SEDIMENT DATA
SCREEN=5

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	104	0.02	0.13	2	0.0	1.3
CU	103	31.52	29.70	3247	2.0	145.0
PB	103	87.11	191.12	8972	2.0	1628.0
ZN	103	154.68	157.93	15932	25.0	993.0
AS	103	42.81	84.27	4409	2.0	520.0
FE	103	36017.48	14036.27	3709800	11200.0	120000.0
MN	103	657.66	242.35	67739	151.0	1465.0
CO	103	8.60	9.66	886	2.0	47.0
AG	106	0.18	0.43	20	0.1	3.6

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
AU	1.00000 0.0000 104	0.24432 0.0138 101	0.18635 0.0621 101	0.04730 0.6386 101	0.09608 0.3392 101	0.12954 0.1967 101	0.11375 0.2574 101
CU	0.24432 0.0138 101	1.00000 0.0000 103	0.62622 0.0001 103	0.51796 0.0001 103	0.62360 0.0001 103	0.72990 0.0001 103	0.30446 0.0018 103
PB	0.18635 0.0621 101	0.62622 0.0001 103	1.00000 0.0000 103	0.48940 0.0001 103	0.39118 0.0001 103	0.49221 0.0001 103	0.22945 0.0197 103
ZN	0.04730 0.6386 101	0.51796 0.0001 103	0.48940 0.0001 103	1.00000 0.0000 103	0.59489 0.0001 103	0.45822 0.0001 103	0.51037 0.0001 103
AS	0.09608 0.3392 101	0.62360 0.0001 103	0.39118 0.0001 103	0.59489 0.0001 103	1.00000 0.0000 103	0.67938 0.0001 103	0.29395 0.0026 103
FE	0.12954 0.1967 101	0.72990 0.0001 103	0.49221 0.0001 103	0.45822 0.0001 103	0.67938 0.0001 103	1.00000 0.0000 103	0.47664 0.0001 103

CORRELATION COEFFICIENTS, HAUGFJELLET AREA 1983
STREAM SEDIMENT DATA
SCREEN=5

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
MN	0.11375 0.2574 101	0.30446 0.0018 103	0.22945 0.0197 103	0.51037 0.0001 103	0.29395 0.0026 103	0.47664 0.0001 103	1.00000 0.0000 103
CO	0.05527 0.5830 101	0.24710 0.0119 103	-0.01341 0.8931 103	0.44792 0.0001 103	0.34932 0.0003 103	0.35590 0.0002 103	0.38500 0.0001 103
AG	-0.00971 0.9220 104	0.59776 0.0001 103	0.72571 0.0001 103	0.18910 0.0557 103	0.49770 0.0001 103	0.58980 0.0001 103	-0.00716 0.9428 103
CO	CO	AG					
AU	0.05527 0.5830 101	-0.00971 0.9220 104					
CU	0.24710 0.0119 103	0.59776 0.0001 103					
PB	-0.01341 0.8931 103	0.72571 0.0001 103					
ZN	0.44792 0.0001 103	0.18910 0.0557 103					
AS	0.34932 0.0003 103	0.49770 0.0001 103					
FE	0.35590 0.0002 103	0.58980 0.0001 103					
MN	0.38500 0.0001 103	-0.00716 0.9428 103					
CO	1.00000 0.0000 103	-0.12228 0.2185 103					
AG	-0.12228 0.2185 103	1.00000 0.0000 106					

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=AU

MOMENTS				QUANTILES(DEF=4)			
	590	SUM	WGT	590	100%	MAX	
N	0.0168305	SUM		9.93	75%	Q3	
MEAN	0.21879	VARIANCE		0.0478691	50%	MED	
STD DEV	23.7406	KURTOSIS		571.409	25%	Q1	
SKEWNESS	28.362	CSS		28.1949	0%	MIN	
USS	1299.96	STD MEAN		0.00900744			
CV	1.86851	PROB> T		0.062187	RANGE		
T:MEAN=0	87172.5	PROB> S		0.0001	Q3-Q1		
SGN RANK	590				MODE		
NUM							

EXTREMES

LOWEST	HIGHEST
0.001	0.098
0.001	0.206
0.001	0.206
0.001	0.542
0.001	5.28

MISSING VALUE

COUNT 15

% COUNT/NOBS 2.48

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=CU

MOMENTS				QUANTILES(DEF=4)					
N	597	SUM	WGTS	597	100%	MAX	165	99%	111.178
MEAN	22.3869	SUM		13365	75%	Q3	29	95%	66.0999
STD DEV	22.5439	VARIANCE		508.228	50%	MED	17	90%	45
SKENNESS	2.54551	KURTOSIS		9.45586	25%	Q1	10	10%	2
USS	602105	CSS		302904	0%	MIN	2	5%	2
CV	100.701	STD MEAN		0.922661				1%	2
T:MEAN=0	24.2635	PROB> T		0.0001	RANGE		163		
SGN RANK	89251.5	PROB> S		0.0001	Q3-Q1		19		
NUM	597	MODE			MODE		2		

EXTREMES

LOWEST	HIGHEST
2	120
2	134
2	145
2	164
2	165

MISSING VALUE .
 COUNT 8
 % COUNT/NOBS 1.32

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=PB

MOMENTS				QUANTILES(DEF=4)			
N	596	SUM	WGTs	596100% MAX	636	99%	160.566
MEAN	29.646	SUM		17669 75% Q3	33	95%	77.1499
STD DEV	39.6199	VARIANCE		1569.74 50% MED	22	90%	56.2998
SKWENESS	8.90644	KURTOSIS		116.034 25% Q1	15	10%	2
USS	1457809	CSS		933994 0% MIN	2	5%	2
CV	133.644	STD MEAN		1.6229		1%	2
T:MEAN=0	18.2673	PROB> T		0.0001 RANGE	634		
SGN RANK	88953	PROB> S		0.0001 Q3-Q1	18		
NUM ^= 0	596			MODE	2		

EXTREMES

LOWEST	HIGHEST
2	179
2	213
2	228
2	457
2	636

MISSING VALUE .
 COUNT 9
 % COUNT/NOBS 1.49

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=ZN

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	SKWNESS	USS	CV	T:MEAN=0	SGN RANK
596	81.8272	69.928	3.37486	6900135	85.4582	28.5673	88953
596	SUM	SUM WGT	VARIANCE	KURTOSIS	CSS	STD MEAN	PROB> T
	596	596	100% MAX	75% Q3	50% MED	25% Q1	0% MIN
	48769	4889.92	2909505	2.86436	0.0001	RANGE	Q3-Q1
	0.0001	MODE					
651	99	63	41	10	641	58	40
99	95%	90%	10%	5%	1%		
327.579							
220.6							
154.3							
26							
19							
12							

EXTREMES

LOWEST	HIGHEST
10	379
10	389
11	588
11	604
12	651

MISSING VALUE
 COUNT 9
 % COUNT/NOBS 1.49

VARIABLE=AS

MOMENTS

QUANTILES(DEF=4)

N	597	SUM WGT'S		597100%	MAX	493	99%	77.2175
MEAN	9.27973	SUM		5540	75% Q3	11	95%	33.0999
STD DEV	25.8424	VARIANCE		667.829	50% MED	2	90%	23.2
SKWENESS	12.6986	KURTOSIS		216.033	25% Q1	2	10%	2
USS	449436	CSS		398026	0% MIN	0	5%	2
CV	278.482	STD MEAN		1.05766			1%	2
T: MEAN=0	8.77384	PROB> T		0.0001	RANGE	493		
SGN RANK	88953	PROB> S		0.0001	Q3-Q1	9		
NUM -= 0	596				MODE	2		

EXTREMES

LOWEST	HIGHEST
0	88
2	117
2	172
2	219
2	493

MISSING VALUE	COUNT	% COUNT/NOBS
.	8	1.32

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=FE

MOMENTS				QUANTILES(DEF=4)			
N	583	SUM	WGTS	120000	99%	78799.6	
MEAN	31804.3	SUM	583100%	40700	95%	57260	
STD DEV	15004.4	VARIANCE	18541900	29800	90%	50820	
SKENNESS	0.978874	KURTOSIS	225133401	21500	10%	13540	
USS	7.207E+11	CSS	2.33555	5800	5%	10200	
CV	47.1774	STD MEAN	1.310E+11		1%	7268	
T:MEAN=0	51.18	PROB> T	621.421	114200			
SGN RANK	85118	PROB> S	0.0001	19200			
NUM	583	MODE	0.0001	12600			

EXTREMES

LOWEST	HIGHEST
5800	83000
6500	84900
6800	88000
7100	88000
7100	120000

MISSING VALUE
 COUNT 22
 % COUNT/NOBS 3.64

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=MN

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	SKWENESS	USS	CV	T:MEAN=0	SGN RANK
583	715.189	456.368	3.07772	419415631	63.8108	37.839	85118
583	583	583	583	583	583	583	583
SUM	SUM	SUM	SUM	SUM	SUM	SUM	SUM
583	583	583	583	583	583	583	583
100% Q3	100% Q3	100% Q3	100% Q3	100% Q3	100% Q3	100% Q3	100% Q3
5418	5418	5418	5418	5418	5418	5418	5418
99%	99%	99%	99%	99%	99%	99%	99%
2090.47	2090.47	2090.47	2090.47	2090.47	2090.47	2090.47	2090.47
1452.6	1452.6	1452.6	1452.6	1452.6	1452.6	1452.6	1452.6
1236.2	1236.2	1236.2	1236.2	1236.2	1236.2	1236.2	1236.2
281.8	281.8	281.8	281.8	281.8	281.8	281.8	281.8
200.2	200.2	200.2	200.2	200.2	200.2	200.2	200.2
108.2	108.2	108.2	108.2	108.2	108.2	108.2	108.2

EXTREMES

LOWEST	HIGHEST
2	2156
78	2269
103	2876
104	3752
104	5418

MISSING VALUE

COUNT

22

% COUNT/NOBS

3.64

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=CO

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	SKWNESS	USS	CV	T:MEAN=0	SGN RANK
563	8.05151	9.45861	2.59879	86777	117.476	20.1978	79383
SUM	4533	89.4653	13.4158	50279.5	0.398633	0.0001	0.0001
WCTS	563	4533	89.4653	13.4158	50279.5	0.0001	0.0001
SUM	4533	89.4653	13.4158	50279.5	0.398633	0.0001	0.0001
VARIANCE	89.4653	13.4158	50279.5	0.398633	0.0001	0.0001	0.0001
KURTOSIS	13.4158	50279.5	0.398633	0.0001	0.0001	0.0001	0.0001
CSS	50279.5	0.398633	0.0001	0.0001	0.0001	0.0001	0.0001
STD MEAN	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
PROB> T	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
PROB> S	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
MODE	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
RANGE	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
Q3-Q1	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001	0.0001
91	13	2	2	2	2	2	2
99%	91	13	2	2	2	2	2
95%	13	2	2	2	2	2	2
90%	2	2	2	2	2	2	2
10%	2	2	2	2	2	2	2
5%	2	2	2	2	2	2	2
1%	2	2	2	2	2	2	2
38.0796	25	20	2	2	2	2	2

EXTREMES

LOWEST	HIGHEST
2	40
2	43
2	49
2	68
2	91

MISSING VALUE
 COUNT 42
 % COUNT/NOBS 6.94

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

UNIVARIATE

VARIABLE=AG

MOMENTS				QUANTILES(DEF=4)			
N	597	SUM	WGT	597	100%	MAX	99%
MEAN	0.11943	SUM		71.3	75%	Q3	0.1
STD DEV	0.18002	VARIANCE		0.0324071	50%	MED	0.1
SKWENESS	14.3101	KURTOSIS		248.295	25%	Q1	0.1
USS	27.83	CSS		19.3146	0%	MIN	0.1
CV	150.732	STD MEAN		0.00736771			0.1
T:MEAN=0	16.21	PROB> T		0.0001	RANGE		
SGN RANK	89251.5	PROB> S		0.0001	Q3-Q1		
NUM = 0	597	MODE					

EXTREMES

LOWEST	HIGHEST
0.1	0.9
0.1	1
0.1	1.4
0.1	1.6
0.1	3.6

MISSING VALUE	.
COUNT	8
% COUNT/NOBS	1.32

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

UNIVARIATE

VARIABLE=AU

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	199	SUM WGT	199	100%	MAX
199	0.00731156	0.0388227	199	SUM	1.455	75%	Q3
STD DEV	0.0388227	VARIANCE	0.00150721	50% MED	184.296	25%	Q1
SKEWNESS	13.351	KURTOSIS	0.298427	0% MIN	0.00275207	RANGE	
USS	0.309065	CSS	0.00853338	Q3-Q1	0.0001	MODE	
CV	530.978	STD MEAN	0.00275207				
T:MEAN=0	2.65675	PROB> T	0.0001				
SGN RANK	9950	PROB> S					
NUM = 0	199						

EXTREMES

LOWEST	HIGHEST
0.001	0.026
0.001	0.033
0.001	0.043
0.001	0.067
0.001	0.542

MISSING VALUE	2
COUNT	1.00
% COUNT/NOBS	

SUMMARY STATISTICS, RØNBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA
SCREEN=4

UNIVARIATE

VARIABLE=CU

MOMENTS				QUANTILES(DEF=4)				
N	200	SUM	WGTS	200	100%	MAX	120	99%
MEAN	19.86	SUM		3972	75%	Q3	26	95%
STD DEV	19.675	VARIANCE		387.106	50%	MED	15	90%
SKEWNESS	2.25428	KURTOSIS		6.70055	25%	Q1	10	10%
USS	155918	GSS		77034.1	0%	MIN	2	5%
CV	99.0685	STD MEAN		1.39123				1%
T:MEAN=0	14.2751	PROB> T		0.0001	RANGE		118	
SGN RANK	10050	PROB> S		0.0001	Q3-Q1		16	
NUM ^= 0	200				MODE		2	
								108.85
								57
								40.9
								2
								2
								2

EXTREMES

LOWEST	HIGHEST
2	87
2	89
2	94
2	109
2	120

MISSING VALUE	COUNT	% COUNT/NOBS
1	0.50	

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

UNIVARIATE

VARIABLE=PB

MOMENTS				QUANTILES(DEF=4)			
N	200	SUM	WGTS	200100%	MAX	228	99%
MEAN	27.305	SUM		5461	75% Q3	30	95%
STD DEV	28.323	VARIANCE		802.193	50% MED	19.5	90%
SKEWNESS	3.24607	KURTOSIS		15.6679	25% Q1	13	10%
USS	308749	CSS		159636	0% MIN	2	5%
CV	103.728	STD MEAN		2.00274			1%
T:MEAN=0	13.6338	PROB> T		0.0001	RANGE	226	
SGN RANK	10050	PROB> S		0.0001	Q3-Q1	17	
NUM	200				MODE	2	

EXTREMES

LOWEST	HIGHEST
2	105
2	129
2	134
2	160
2	228

MISSING VALUE	1
COUNT	
% COUNT/NOBS	0.50

VARIABLE=ZN

MOMENTS

N	200	SUM	WGTS	200	100%	MAX	651	99%	601.744
MEAN	81.68	SUM		16336	75%	Q3	96.75	95%	225.9
STD DEV	80.5163	VARIANCE		6482.88	50%	MED	60	90%	154.5
SKEWNESS	3.88984	KURTOSIS		21.317	25%	Q1	40	10%	25.1
USS	2624418	CSS		1290094	0%	MIN	11	5%	19
CV	98.5754	STD MEAN		5.69337				1%	12.01
TT:MEAN=0	14.3465	PROB> T		0.0001	RANGE		640		
RANK	10050	PROB> S		0.0001	Q3-Q1		56.75		
NUM ^= 0	200	MODE			MODE		40		

EXTREMES

LOWEST	HIGHEST
11	282
12	312
13	379
15	604
15	651

MISSING VALUE	COUNT	% COUNT/NOBS
.	1	0.50

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)				
N	200	SUM	WGTS	200	100%	MAX	219	99%
MEAN	10.615	SUM		2123	75%	Q3	12	95%
STD DEV	23.5873	VARIANCE		556.359	50%	MED	2	90%
SKEWNESS	5.82406	KURTOSIS		42.4932	25%	Q1	2	10%
USS	133251	CSS		110715	0%	MIN	0	5%
CV	222.207	STD MEAN		1.66787				1%
T:MEAN=0	6.3644	PROB> T		0.0001	RANGE		219	
SGN RANK	9950	PROB> S		0.0001	Q3-Q1		10	
NUM = 0	199				MODE		2	

EXTREMES

LOWEST	HIGHEST
0	60
2	67
2	117
2	172
2	219

MISSING VALUE
 COUNT
 % COUNT/NOBS 0.50

SUMMARY STATISTICS, ROWNBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA
SCREEN=4

UNIVARIATE

VARIABLE=FE

	MOMENTS	QUANTILES(DEF=4)
N	199	SUM WGTS
MEAN	30497.5	SUM
STD DEV	14776.3	VARIANCE
KURTOSIS	0.87941	1.12049
SKWENESS	2.283E+11	CSS
USS	48.451	STD MEAN
CV	29.1154	PROB> T
T:MEAN=0	9950	PROB> S
SGN RANK	199	RANGE
NUM -= 0		MODE
		MAX Q3 MED Q1 MIN
		88000 38700 28800 19800 6500
		99% 95% 90% 10% 5%
		77999.9 55100 50000 12600 10000
		1% 7100

EXTREMES

LOWEST	HIGHEST
6500	69700
7100	70200
7500	70400
8200	78000
8900	88000

MISSING VALUE	2
COUNT	
% COUNT/NOBS	1.00

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

UNIVARIATE

VARIABLE=MN

MOMENTS				QUANTILES(DEF=4)			
N	199	SUM	WGT	199	100%	MAX	5418
MEAN	727.126	SUM		144698	75%	Q3	932
STD DEV	553.415	VARIANCE		306306	50%	MED	598
SKEWNESS	4.12822	KURTOSIS		29.191	25%	Q1	404
USS	165862292	CSS		60648668	0%	MIN	109
CV	76.1147	STD MEAN		39.233			
T:MEAN=0	18.5335	PROB> T		0.0001	RANGE		5309
SGN RANK	9950	PROB> S		0.0001	Q3-Q1		528
NUM = 0	199				MODE		124

EXTREMES

LOWEST	HIGHEST
109	1745
116	1911
124	2000
124	3752
145	5418

MISSING VALUE
 COUNT 2
 % COUNT/NOBS 1.00

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

UNIVARIATE

VARIABLE=CO

MOMENTS				QUANTILES(DEF=4)			
N	189	SUM	WGTS	189100% MAX	91	99%	42.3987
MEAN	7.87302	SUM		1488 75% Q3	12	95%	25
STD DEV	10.105	VARIANCE		102.111 50% MED	2	90%	21
SKEWNESS	3.58059	KURTOSIS		23.5661 25% Q1	2	10%	2
USS	30912	CSS		19197 0% MIN	2	5%	2
CV	128.35	STD MEAN		0.735032		1%	2
T:MEAN=0	10.7111	PROB> T		0.0001 RANGE	89		
SGN RANK	8977.5	PROB> S		0.0001 Q3-Q1	10		
NUM	189			MODE	2		

EXTREMES

LOWEST	HIGHEST
2	28
2	29
2	33
2	37
2	91

MISSING VALUE	.
COUNT	12
% COUNT/NOBS	5.97

SUMMARY STATISTICS. ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

UNIVARIATE

VARIABLE=AG

MOMENTS				QUANTILES(DEF=4)			
N	200	SUM	WGTS	200	100%	MAX	
MEAN	0.106	SUM		21.2	75%	Q3	
STD DEV	0.0606829	VARIANCE	0.00368241	50%	MED		
SKEWNESS	10.33	KURTOSIS	108.295	25%	Q1		
USS	2.98	CSS	0.7328	0%	MIN		
CV	57.248	STD MEAN	0.00429093				
T:MEAN=0	24.7033	PROB> T	0.0001	RANGE			
SGN RANK	10050	PROB> S	0.0001	Q3-Q1			
NUM	200			MODE			
					99%	0.8	0.594987
					95%	0.1	0.1
					90%	0.1	0.1
					10%	0.1	0.1
					5%	0.1	0.1
					1%	0.1	0.1
						0.7	
						0	
						0.1	

EXTREMES

LOWEST	HIGHEST
0.1	0.1
0.1	0.1
0.1	0.1
0.1	0.6
0.1	0.8

MISSING VALUE	COUNT
1	1
% COUNT/NOBS	0.50

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

UNIVARIATE

VARIABLE=AU

MOMENTS				QUANTILES(DEF=4)					
N	388	SUM	WGTS	388	100%	MAX	5.28	99%	0.109865
MEAN	0.0218015	SUM		8.459	75%	Q3	0.009	95%	0.0385498
STD DEV	0.268349	VARIANCE		0.0720112	50%	MED	0.001	90%	0.018
SKEWNESS	19.5425	KURTOSIS		383.852	25%	Q1	0.001	10%	0.001
USS	28.0528	CSS		27.8683	0%	MIN	0.001	5%	0.001
CV	1230.87	STD MEAN		0.0136234			0.001	1%	0.001
T:MEAN=0	1.60031	PROB> T		0.110347	RANGE		5.279		
SGN RANK	37733	PROB> S		0.0001	Q3-Q1		0.008		
NUM = 0	388				MODE		0.001		

EXTREMES

LOWEST	HIGHEST
0.001	0.09
0.001	0.098
0.001	0.206
0.001	0.206
0.001	5.28

MISSING VALUE
 COUNT 13
 % COUNT/NOBS 3.24

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

UNIVARIATE

VARIABLE=CU

MOMENTS				QUANTILES(DEF=4)			
N	394	SUM	WGTS	394	100%	MAX	165
MEAN	23.6218	SUM		9307	75%	Q3	31.25
STD DEV	23.8395	VARIANCE		568.322	50%	MED	18
SKEWNESS	2.58384	KURTOSIS		9.61463	25%	Q1	10
USS	443199	CSS		223351	0%	MIN	2
CV	100.922	STD MEAN		1.20102			2
T:MEAN=0	19.6682	PROB> T		0.0001	RANGE		163
SGSN RANK	38907.5	PROB> S		0.0001	Q3-Q1		21.25
NUM = 0	394				MODE		2
							134.548
							70.4995
							45
							2
							2
							2

EXTREMES

LOWEST	HIGHEST
2	111
2	134
2	145
2	164
2	165

MISSING VALUE

COUNT 7
 % COUNT/NOBS 1.75

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

UNIVARIATE

VARIABLE=PB

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	SKENNESS	USS	CV	T:MEAN=0	SGN RANK
393	30.9186	44.3735	9.16032	1147543	143.517	13.8131	38710.5
393	SUM	VARIANCE	KURTOSIS	CSS	STD MEAN	PROB> T	PROB> S
393	SUM WGT						
393	12151	1969.01	109.891	771851	2.23835	0.0001	0.0001
393	100% Q3	75% MED	50% Q1	25% Q1	0% MIN	RANGE	Q3-Q1
636	181.034	73.499	56	2	2	634	18
34						2	2
23						16	2
10%						5%	1%
5%						1%	
1%							

EXTREMES

LOWEST	HIGHEST
2	122
2	179
2	213
2	457
2	636

MISSING VALUE
 COUNT 8
 % COUNT/NOBS 2.00

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

UNIVARIATE

VARIABLE=CO

MOMENTS				QUANTILES(DEF=4)			
N	MEAN	STD DEV	SKENNESS	USS	CV	T:MEAN=0	SGN RANK
371	8.08625	9.13757	1.95766	55152	113.001	17.0453	34503
371	3000	83.4952	6.035	30893.2	0.474399	0.0001	0.0001
	371100%	75%	50%	25%	0%	RANGE	Q3-Q1
	MAX	Q3	MED	Q1	MIN	MODE	
	68	13	2	2	2	66	11
	99%	95%	90%	10%	5%	1%	2
	40.8394	25	20	2	2		

EXTREMES

LOWEST	HIGHEST
2	36
2	40
2	43
2	49
2	68

MISSING VALUE
 COUNT 30
 % COUNT/NOBS 7.48

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

UNIVARIATE

VARIABLE=AG

MOMENTS				QUANTILES(DEF=4)			
N	394	SUM	WGTS	394	100%	MAX	1.01992
MEAN	0.126396	SUM		49.8	75%	Q3	0.1
STD DEV	0.217114	VARIANCE		0.0471386	50%	MED	0.1
SKEWNESS	12.1892	KURTOSIS		176.149	25%	Q1	0.1
USS	24.82	CSS		18.5255	0%	MIN	0.1
CV	171.773	STD MEAN		0.0109381			0.1
T:MEAN=0	11.5556	PROB> T		0.0001	RANGE		
SGN RANK	38907.5	PROB> S		0.0001	Q3-Q1		
NUM = 0	394				MODE		

EXTREMES

LOWEST	HIGHEST
0.1	0.9
0.1	1
0.1	1.4
0.1	1.6
0.1	3.6

MISSING VALUE

COUNT 7

% COUNT/NOBS 1.75

CORRELATION COEFFICIENTS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA
SCREEN=5

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	388	0.02	0.27	8	0.0	5.3
CU	394	23.62	23.84	9307	2.0	165.0
PB	393	30.92	44.37	12151	2.0	636.0
ZN	393	81.71	64.11	32111	10.0	588.0
AS	394	8.60	27.01	3387	2.0	493.0
FE	381	32426.51	15130.86	12354500	5800.0	120000.0
MN	381	707.93	398.63	269722	2.0	2876.0
CO	371	8.09	9.14	3000	2.0	68.0
AG	394	0.13	0.22	50	0.1	3.6

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
AU	1.00000 0.0000 388	-0.04374 0.3903 388	0.04949 0.3315 387	-0.00899 0.8600 387	-0.00962 0.8501 388	-0.04329 0.4032 375	-0.05054 0.3291 375
CU	-0.04374 0.3903 388	1.00000 0.0000 394	0.32685 0.0001 393	0.47958 0.0001 393	0.32612 0.0001 394	0.59294 0.0001 381	0.37583 0.0001 381
PB	0.04949 0.3315 387	0.32685 0.0001 393	1.00000 0.0000 393	0.35279 0.0001 393	0.77468 0.0001 393	0.20190 0.0001 380	-0.14901 0.0036 380
ZN	-0.00899 0.8600 387	0.47958 0.0001 393	0.35279 0.0001 393	1.00000 0.0000 393	0.23546 0.0001 393	0.48648 0.0001 380	0.27716 0.0001 380
AS	-0.00962 0.8501 388	0.32612 0.0001 394	0.77468 0.0001 393	0.23546 0.0001 393	1.00000 0.0000 394	0.29553 0.0001 381	-0.06342 0.2168 381
FE	-0.04329 0.4032 375	0.59294 0.0001 381	0.20190 0.0001 380	0.48648 0.0001 380	0.29553 0.0001 381	1.00000 0.0000 381	0.72197 0.0000 381

CORRELATION COEFFICIENTS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
 / NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
MN	-0.05054 0.3291 375	0.37583 0.0001 381	-0.14901 0.0036 380	0.27716 0.0001 380	-0.06342 0.2168 381	0.72197 0.0001 381	1.00000 0.0000 381
CO	-0.03896 0.4575 366	0.57860 0.0001 371	-0.06828 0.1900 370	0.48193 0.0001 370	-0.01349 0.7956 371	0.58485 0.0001 371	0.55483 0.0001 371
AG	-0.00587 0.9083 388	0.26863 0.0001 394	0.65933 0.0001 393	0.08313 0.0999 393	0.77306 0.0001 394	0.24307 0.0001 381	-0.07228 0.1591 381

CO AG

AU	-0.03896 0.4575 366	-0.00587 0.9083 388
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CU	0.57860 0.0001 371	0.26863 0.0001 394
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PB	-0.06828 0.1900 370	0.65933 0.0001 393
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ZN	0.48193 0.0001 370	0.08313 0.0999 393
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AS	-0.01349 0.7956 371	0.77306 0.0001 394
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FE	0.58485 0.0001 371	0.24307 0.0001 381
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MN	0.55483 0.0001 371	-0.07228 0.1591 381
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CO	1.00000 0.0000 371	-0.06952 0.1815 371
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AG	-0.06952 0.1815 371	1.00000 0.0000 394
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SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA
SCREEN=5

UNIVARIATE

VARIABLE=ZN

MOMENTS			QUANTILES(DEF=4)					
N	393	SUM WGTS	393	100%	MAX	588	99%	324.12
MEAN	81.7074	SUM	32111	75%	Q3	99.5	95%	210.897
STD DEV	64.1091	VARIANCE	4109.97	50%	MED	64	90%	153.6
SKEWNESS	2.77139	KURTOSIS	12.7283	25%	Q1	44	10%	26
USS	4234815	CSS	1611109	0%	MIN	10	5%	18.7
CV	78.4618	STD MEAN	3.23387				1%	11.94
T:MEAN=0	25.2661	PROB> T	0.0001	RANGE		578		
SGN RANK	38710.5	PROB> S	0.0001	Q3-Q1		55.5		
NUM -= 0	393	MODE				62		

EXTREMES

LOWEST	HIGHEST
10	319
10	324
11	326
12	389
12	588

MISSING VALUE	COUNT	% COUNT/NOBS
8	2.00	

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=5

UNIVARIATE

VARIABLE=AS

MOMENTS				QUANTILES(DEF=4)			
N	394	SUM	WGTS	394	100%	MAX	493
MEAN	8.59645	SUM		3387	75%	Q3	10
STD DEV	27.0079	VARIANCE		729.427	50%	MED	2
SKEWNESS	14.964	KURTOSIS		264.8	25%	Q1	2
USS	315781	CSS		286665	0%	MIN	2
CV	314.175	STD MEAN		1.36064			2
T:MEAN=0	6.31795	PROB> T		0.0001	RANGE		491
SGN RANK	38907.5	PROB> S		0.0001	Q3-Q1		8
NUM = 0	394				MODE		2

EXTREMES

LOWEST	HIGHEST
2	51
2	68
2	77
2	88
2	493

MISSING VALUE
 COUNT
 % COUNT/NOBS 1.75

SUMMARY STATISTICS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA
SCREEN=5

UNIVARIATE

VARIABLE=FE

[illegible]

EXTREMES

LOWEST	HIGHEST
5800	69300
6800	83000
7100	84900
7300	88000
7700	120000

MISSING VALUE	20
COUNT	4.99
% COUNT/NOBS	

VAR IABLE=MN

MOMENTS

N	381	SUM	WGTS	381100%	MAX	2876	99%	2092.03
MEAN	707.932	SUM		269722	75% Q3	958.5	95%	1450.2
STDEV	398.631	VARIANCE		158907	50% MED	607	90%	1218.2
SKEWNESS	1.31937	KURTOSIS		3.0169	25% Q1	417	10%	292.8
USS	251329448	CSS		60384678	0% MIN	2	5%	205.2
CV	56.3093	STD MEAN		20.4225			1%	103.82
T: MEAN=0	34.6643	PROB> T		0.0001	RANGE	2874		
SGN RANK	36385.5	PROB> S		0.0001	Q3-Q1	541.5		
NUM += 0	381	MODE				300		

EXTREMES

LOWEST	HIGHEST
2	2006
78	2078
103	2156
104	2269
104	2876

MISSING VALUE	COUNT	% COUNT/NOBS
.	20	4.99

CORRELATION COEFFICIENTS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA
SCREEN=4

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	199	0.01	0.04	1	0.00	0.54
CU	200	19.86	19.68	3972	2.00	120.00
PB	200	27.30	28.32	5461	2.00	228.00
ZN	200	81.68	80.52	16336	11.00	651.00
AS	200	10.61	23.59	2123	0	219.00
FE	199	30497.49	14776.35	6069000	6500.00	88000.00
MN	199	727.13	553.45	144698	109.00	5418.00
CO	189	7.87	10.11	1488	2.00	91.00
AG	200	0.11	0.06	21	0.10	0.80

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
AU	1.00000 0.0000 199	-0.03572 0.6165 199	-0.06125 0.3901 199	-0.02751 0.6997 199	-0.01598 0.8228 199	0.06535 0.3603 198	0.16689 0.0188 198
CU	-0.03572 0.6165 199	1.00000 0.0000 200	0.42279 0.0001 200	0.57214 0.0001 200	0.34539 0.0001 200	0.56130 0.0001 199	0.16098 0.0231 199
PB	-0.06125 0.3901 199	0.42279 0.0001 200	1.00000 0.0000 200	0.69308 0.0001 200	0.38961 0.0001 200	0.18649 0.0084 199	-0.07221 0.3108 199
ZN	-0.02751 0.6997 199	0.57214 0.0001 200	0.69308 0.0001 200	1.00000 0.0000 200	0.54061 0.0001 200	0.58137 0.0001 199	0.23923 0.0007 199
AS	-0.01598 0.8228 199	0.34539 0.0001 200	0.38961 0.0001 200	0.54061 0.0001 200	1.00000 0.0000 200	0.25871 0.0002 199	-0.00640 0.9285 199
FE	0.06535 0.3603 198	0.56130 0.0001 199	0.18649 0.0084 199	0.58137 0.0001 199	0.25871 0.0002 199	1.00000 0.0000 199	0.56460 0.0001 199

CORRELATION COEFFICIENTS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
 STREAM SEDIMENT DATA
 SCREEN=4

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
 / NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
MN	0.16689 0.0188 198	0.16098 0.0231 199	-0.07221 0.3108 199	0.23923 0.0007 199	-0.00640 0.9285 199	0.56460 0.0001 199	1.00000 0.0000 199
CO	-0.03147 0.6682 188	0.60559 0.0001 189	0.21145 0.0035 189	0.61985 0.0001 189	0.44186 0.0001 189	0.56592 0.0001 189	0.29342 0.0001 189
AG	-0.00123 0.9863 199	0.21115 0.0027 200	0.18722 0.0079 200	0.07619 0.2836 200	0.03392 0.6335 200	0.07390 0.2996 199	0.03308 0.6427 199

CO AG

AU	-0.03147 0.6682 188	-0.00123 0.9863 199
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CU	0.60559 0.0001 189	0.21115 0.0027 200
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PB	0.21145 0.0035 189	0.18722 0.0079 200
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ZN	0.61985 0.0001 189	0.07619 0.2836 200
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AS	0.44186 0.0001 189	0.03392 0.6335 200
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FE	0.56592 0.0001 189	0.07390 0.2996 199
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MN	0.29342 0.0001 189	0.03308 0.6427 199
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CO	1.00000 0.0000 189	0.07128 0.3297 189
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AG	0.07128 0.3297 189	1.00000 0.0000 200
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CORRELATION COEFFICIENTS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

VARIABLE	N	MEAN	STD DEV	SUM	MINIMUM	MAXIMUM
AU	590	0.02	0.22	10	0.0	5.3
CU	597	22.39	22.54	13365	2.0	165.0
PB	596	29.65	39.62	17669	2.0	636.0
ZN	596	81.83	69.93	48769	10.0	651.0
AS	597	9.28	25.84	5540	0	493.0
FE	583	31804.29	15004.45	18541900	5800.0	120000.0
MN	583	715.19	456.37	416955	2.0	5418.0
CO	563	8.05	9.46	4533	2.0	91.0
AG	597	0.12	0.18	71	0.1	3.6

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
AU	1.00000 0.0000 590	-0.03669 0.3737 590	0.00624 0.8799 589	-0.01939 0.6386 589	-0.01014 0.8058 590	-0.02943 0.4808 576	-0.02387 0.5676 576
CU	-0.03669 0.3737 590	1.00000 0.0000 597	0.34704 0.0001 596	0.50105 0.0001 596	0.32705 0.0001 597	0.58351 0.0001 583	0.28266 0.0001 583
PB	0.00624 0.8799 589	0.34704 0.0001 596	1.00000 0.0000 596	0.42970 0.0001 596	0.68133 0.0001 596	0.19537 0.0001 582	-0.11840 0.0042 582
ZN	-0.01939 0.6386 589	0.50105 0.0001 596	0.42970 0.0001 596	1.00000 0.0000 596	0.33898 0.0001 596	0.51890 0.0001 582	0.25760 0.0001 582
AS	-0.01014 0.8058 590	0.32705 0.0001 597	0.68133 0.0001 596	0.33898 0.0001 596	1.00000 0.0000 597	0.28028 0.0001 583	-0.03999 0.3351 583
FE	-0.02943 0.4808 576	0.58351 0.0001 583	0.19537 0.0001 582	0.51890 0.0001 582	0.28028 0.0001 583	1.00000 0.0000 583	0.64438 0.0001 583
MN	-0.02387 0.5676 576	0.28266 0.0001 583	-0.11840 0.0042 582	0.25760 0.0001 582	-0.03999 0.3351 583	0.64438 0.0001 583	1.00000 0.0000 583

CORRELATION COEFFICIENTS, ROMBAKEN AREA (EXCLUDING HAUGFJELLET)
STREAM SEDIMENT DATA (+80 & -80 MESH COMBINED)

CORRELATION COEFFICIENTS / PROB > |R| UNDER H0:RHO=0
/ NUMBER OF OBSERVATIONS

	AU	CU	PB	ZN	AS	FE	MN
CO	-0.03224 0.4476 557	0.58141 0.0001 563	0.00472 0.9112 562	0.53801 0.0001 562	0.13414 0.0014 563	0.57783 0.0001 563	0.43684 0.0001 563
AG	-0.00401 0.9225 590	0.25071 0.0001 597	0.60453 0.0001 596	0.07028 0.0865 596	0.64402 0.0001 597	0.20495 0.0001 583	-0.04637 0.2637 583
	CO	AG					
AU	-0.03224 0.4476 557	-0.00401 0.9225 590					
CU	0.58141 0.0001 563	0.25071 0.0001 597					
PB	0.00472 0.9112 562	0.60453 0.0001 596					
ZN	0.53801 0.0001 562	0.07028 0.0865 596					
AS	0.13414 0.0014 563	0.64402 0.0001 597					
FE	0.57783 0.0001 563	0.20495 0.0001 583					
MN	0.43684 0.0001 563	-0.04637 0.2637 583					
CO	1.00000 0.0000 563	-0.04446 0.2923 563					
AG	-0.04446 0.2923 563	1.00000 0.0000 597					