

GEOCHEMICAL REPORT  
ON THE  
LIZB 1-4 MINING CLAIMS  
NELSON MINING DIVISION  
BRITISH COLUMBIA

Latitude: 49°13'  
Longitude: 116°34'  
N.T.S. Map: 82 F/2

Owner: Aspen Grove Mines, Ltd.  
Operator: Aspen Grove Mines, Ltd.  
Consultant: Montgomery Consultants Ltd.

by

J.H. Montgomery, P.Eng.

August 20, 1982

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**10,715**

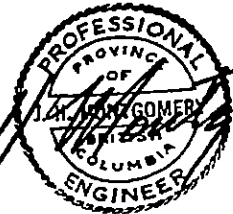


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## 1.0 INTRODUCTION

### 1.1 General Statement

This report concerns a multielement geochemical study done on the LIZ B 1-4 mineral claims located in Nelson Mining Division, British Columbia. A total of 38 soil samples were taken and analyzed for 24 elements (Ag, Al, As, B, Bi, Ca, Cd, Co, Cu, Fe, K, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, So, Th, U, V, Zn) by Inductively Coupled Plasma methods. The neighboring claim, John 2, which overlies the same geological structures was also sampled. For statistical calculations, both lots were combined for a total of 90 samples. The resulting data may be used for alteration studies, trace element studies and orientation studies as well as conventional mineral deposit definition.

### 1.2 Location and Access

The LIZ B 1-4 claims are located in Purcell Mountains about 3.0 kilometers north of Wynndel British Columbia. See Figure 1-1. N.T.S. Map Reference:  
82/F2

Latitude: 49°13' approx. centre of claims  
Longitude: 116°34'

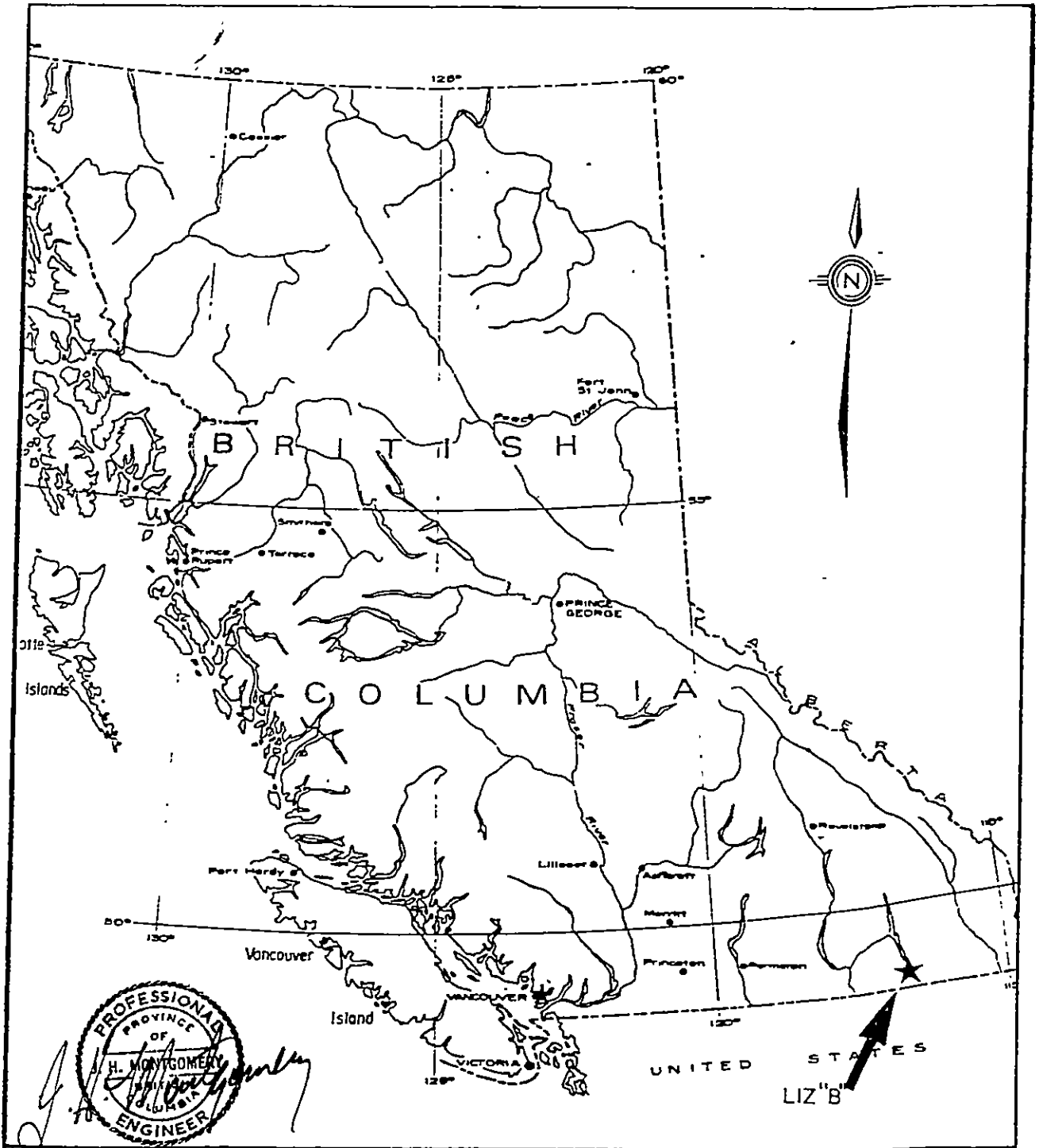


FIGURE I-1

# ASPEN GROVE MINES

LOCATION ——— MAP

LIZ "B" 1-4 claims

The property is accessible from Highway 3A at Wyndell by following logging roads which climb the ridge to the north. LIZ B 1-4 claims are located at an elevation of 4300 feet (1310 metres) JOHN 2 is at an elevation of 5000 feet (1520 metres).

### 1.3 Claim Ownership

The LIZ B 1-4 claims were staked under the old 2-post system in the Nelson Mining Division of British Columbia.

Claim information is given in the table below:

CLAIM	RECORD NO.	EXPIRY DATE
LIZ B 1	15376	Oct. 30, 1982
LIZ B 2	15377	Oct. 30, 1982
LIZ B 3	15378	Oct. 30, 1982
LIZ B 4	15379	Oct. 30, 1982

The claim is presently owned by Aspen Grove Mines Limited of Vancouver, British Columbia.

#### 1.4 History of Property

The LIZ group of claims was originally staked as the SARAH in 1924 and explored by two adits and surface trenching. Later, in the 1950's, Newmont Mining Corporation optioned the property from the owner, S.W. Barclay, and drilled six holes. The drill holes intersected a mineralized zone about 2 meters wide over a distance of 1100 feet ( 335 metres). Mineralization, consisting of sphalerite, galena and pyrite occurs along a contact between dolomitic limestone and quartzite.

In 1961, Sheep Creek Gold Mines, Ltd. drilled two additional holes. One of these intersected five feet of mineralized zone at a depth of 200 feet (60 metres) which assayed 14% zinc.

In 1965, four more holes were drilled one of which intersected 29.5 feet of 2.13% zinc.

In 1968-1970, magnetic and electromagnetic surveys were completed. A very limited amount of geochemistry has also been done.

#### 1.5 Work Done

During the period August 1 to August 31, 1982, a multielement geochemical survey was completed by Montgomery Consultants for Aspen Grove Mines Limited on the LIZ B group of mineral claims. A total of

90 soil samples were taken on a grid (3.5 line-Km.) established on the LIZ B claim and on the adjacent JOHN 2 claim. A preliminary statistical analysis was made on the resulting data, details of which are presented in the following sections. The location of the work done with respect to the LIZ B claim-area is shown in Figure 1-2.



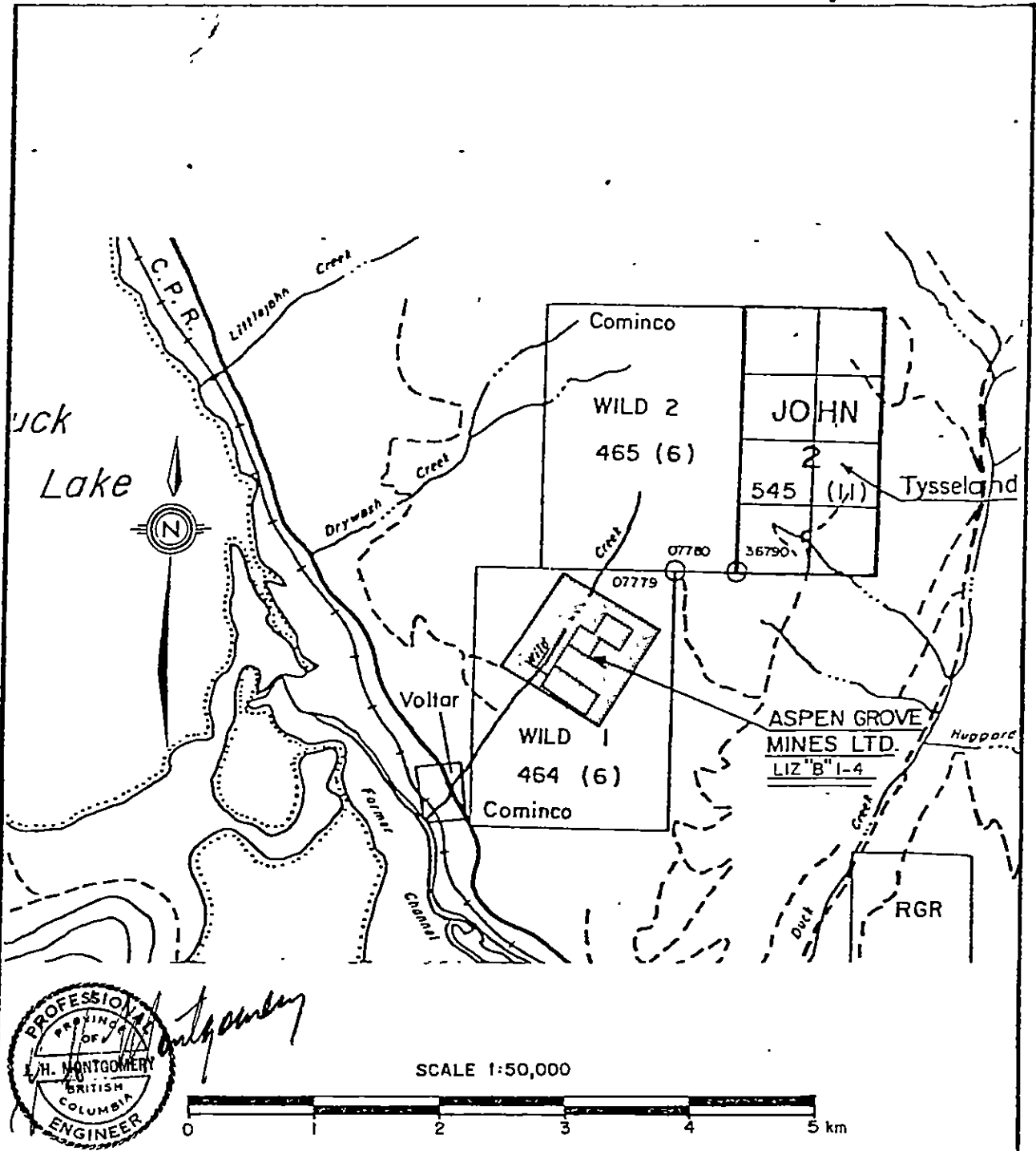


FIGURE I-2

# ASPEN GROVE MINES

## LOCATION OF WORK DONE

### LIZ "B" 1-4 claims

## 2.0 GEOCHEMICAL SURVEY

### 2.1 Introduction

A total of 90 geochemical soil samples were taken on grids established on the LIZ B 1-4 claims (38 samples) and the JOHN 2 claim (52 samples).

These were analyzed for 24 elements by I.C.P. methods. The data were combined for statistical calculations since the two groups cover the same geologic structures.

#### 2.11 Field Procedure

A grid of lines was established on the LIZ B 1-4 claims as shown on Figure 1-2. At the locations marked samples of B horizon soil were taken and placed in geochemical soil sample envelopes (kraft paper bags) and transported to Min-En Laboratories for analysis.

#### 2.12 Laboratory Procedure

The soil samples are oven-dried and sieved to obtain a -80 mesh fraction for analysis. A 0.5 gram sample is dissolved in a solution of nitric and perchloric acids ( $\text{HNO}_3/\text{HClO}_4$ ) and diluted to volume.

The sample is then put in a Jarrell-Ash Inductively Coupled Plasma analyzer where it is

aspirated in the presence of an ionized argon flame in a high frequency coil. This dissociates the metal ions present in solution. The energy levels of the atoms are raised resulting in the emission of a sharp well-defined spectrum, which is then measured. A photomultiplier enhances the result which is then transferred to a computer. Output options are printout (formatted to suit) or floppy disk (5½ inch) with segmentally stored data. A total of 24 elements sequentially were determined.

## 2.2 Purpose

The purpose of the multielement geochemical soil survey is to test the feasibility of the method for locating zinc-lead-silver concentrations along the favorable geologic horizons. If this approach appears to give good correlation between known mineralized zones and geochemical data, the survey may be extended along strike with closer-spaced sampling.

## 2.3 Results

The results of ICP geochemical analyses are shown in the following tables: (page following). These laboratory reports show the results obtained rounded off to nearest significant figure.

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P1  
 ACT NAME: GEO3

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANTS  
 PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	AG	AL	AS	B	BI	CA
00701150	0	29500	0	25	21	4320
02200780	.1	27900	0	22	20	4900
02601220	0	32300	0	25	23	3330
02900595	.2	23600	0	22	12	7950
02950275	0	30800	0	26	19	3760
03350595	.1	25700	0	37	20	5050
04451100	.6	24400	0	21	23	4810
04451285	.9	25000	0	22	26	5810
05100465	.2	20700	0	17	18	3760
05110465	0	25000	0	21	14	3130
05120465	.5	7760	0	5	11	3210
05300465	0	19800	0	16	14	3530
05350725	0	20900	0	17	14	3650
05800910	0	31100	0	23	19	3830
06400725	.3	22800	0	17	13	3730
06650085	.1	18200	0	14	14	8880
07850445	0	24900	0	21	14	4560
08551385	.5	29400	0	27	25	5730
09050605	.4	28600	0	24	23	6700
09701070	.7	8910	0	7	14	7030
09901010	0	18100	0	14	14	3180
09951010	.1	32700	0	26	23	3960
10650820	0	24000	0	19	18	3370
10850670	0	23100	0	18	14	3740
01400965	0	30500	0	26	21	4040
11551070	1.0	16500	0	27	14	5120
12101520	.1	21500	0	21	14	4040
12750740	.5	16200	0	14	14	4470
12801325	0	33900	0	27	22	3660
13501140	2.0	27200	0	21	13	3810

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P1  
ACT NAME: GEO3

DATE: AUGUST 16, 1982  
COMPANY: MONTGOMERY CONSULTANTS  
PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	CD	CO	CU	FE	K	MG
00701150	2.6	19	26	56900	2740	7550
02200780	4.7	28	50	53400	2260	5350
02601220	2.4	19	34	60400	2940	7330
02900595	1.5	19	45	45600	2530	3980
02950275	1.1	13	26	55500	1730	6150
03350595	2.3	15	51	51400	2210	12200
04451100	3.9	23	90	58200	3160	6810
04451285	4.5	19	43	58400	2630	12300
05100465	1.6	14	46	49200	3160	11100
05110465	1.5	13	27	47100	1220	7390
05120465	1.0	9	25	33700	1520	5430
05300465	2.0	14	33	46200	1560	7540
05350725	2.1	13	24	42300	1270	7990
05800910	3.5	18	32	48500	2470	6720
06400725	1.5	18	30	46500	1440	6550
06650085	4.4	11	74	33800	2210	6670
07850445	2.2	10	18	42700	1430	4660
08551385	4.3	22	63	63100	2090	5790
09050605	6.5	15	22	51000	3300	27700
09701070	1.8	12	22	38800	2040	7470
09901010	1.2	12	19	47900	2040	7100
09951010	4.5	21	31	54400	2860	9270
10650820	2.5	13	19	48200	1680	8580
10850670	1.4	13	25	44600	1260	5810
01400965	2.2	17	46	53800	3050	6100
11551070	1.4	22	27	35200	1520	3310
12101520	2.2	10	16	40800	2660	4890
12750740	1.5	14	34	45900	1590	7730
12801325	4.2	18	28	53900	3200	9140
13501140	2.5	23	39	43000	1810	5140

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P1  
 ACT NAME: GED3

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANTS  
 PROJECT: 82-HT-1

---- CONCENTRATION IN PPM ----

	MN	MO	NA	NI	P	PB
00701150	1550	2	231	41	1550	56
02200780	1170	3	191	39	1630	73
02601220	1830	1	193	45	2260	28
02900595	1310	1	368	44	1280	16
02950275	304	0	500	14	476	3
03350595	699	0	304	123	1210	32
04451100	2740	3	183	43	776	83
04451285	3250	3	131	38	1080	144
05100465	415	0	224	15	924	36
05110465	450	0	300	16	842	19
05120465	159	0	154	8	74	6
05300465	248	1	212	16	1240	23
05350725	520	1	165	16	893	23
05800910	1670	1	131	28	1680	39
06400725	871	0	180	33	666	18
06650085	275	5	57	9	1290	44
07850445	725	1	400	14	1100	8
08551385	3390	4	207	61	1860	65
09050605	1440	0	239	17	377	152
09701070	359	1	210	11	583	19
09901010	347	0	155	17	449	9
09951010	1290	2	127	34	1270	90
10650820	833	0	193	19	1020	20
10850670	426	0	336	16	2180	13
01400965	1120	1	225	22	883	54
11551070	1310	1	157	28	1450	23
12101520	815	1	187	22	1200	45
12750740	780	0	216	14	638	20
12801325	1270	3	122	36	987	177
13501140	572	1	164	65	1290	32

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P1  
 ACT NAME: GEO3

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANTS  
 PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	SB	SR	TH	U	V	ZN
00701150	0	40	15	10	40.8	275
02200780	0	57	15	7	37.3	554
02601220	0	39	13	7	44.9	245
02900595	0	56	13	6	28.1	77
02950275	0	48	8	0	38.3	313
03350595	0	38	21	8	42.5	219
04451100	7	40	17	8	39.8	315
04451285	3	37	30	22	43.5	299
05100465	0	32	19	8	54.4	66
05110465	0	33	13	0	41.3	165
05120465	0	19	11	5	35.6	14
05300465	0	30	16	0	50.5	75
05350725	0	32	14	4	40.2	415
05800910	0	40	15	8	38.2	201
06400725	0	42	12	9	41.0	76
06650085	8	49	32	21	32.3	188
07850445	0	40	8	6	32.1	565
08551385	4	45	22	23	41.7	258
09050605	0	36	33	11	41.5	1170
09701070	0	27	17	12	46.7	33
09901010	0	31	11	2	44.0	39
09951010	0	45	22	17	50.7	459
10650820	0	36	15	5	43.7	375
10850670	0	34	12	12	40.1	68
01400965	0	41	14	4	37.2	174
11551070	0	41	8	12	26.0	63
12101520	0	33	11	7	27.2	750
12750740	0	28	14	11	44.7	46
12801325	0	50	21	14	42.4	652
13501140	0	47	19	26	40.3	62

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P2  
 ACT NAME: GE03

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANT  
 PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	AG	AL	AS	B	BI	CA
14001000	0	28300	0	20	16	3660
14001590	0	24800	0	17	14	3260
14651000	.1	19100	0	13	13	25000
15851070	0	19900	0	13	14	3460
15901650	0	28200	0	19	15	2170
16501475	0	30300	0	21	16	2650
17101305	0	25700	0	18	16	2500
17751135	0	23600	0	16	15	3430
28653570	0	31100	0	20	16	1060
29803405	0	46800	0	31	21	2000
30953245	0	34100	0	22	23	2230
31953805	0	24400	0	16	21	838
32103080	0	25400	0	16	16	1800
33103640	0	29600	0	19	17	1100
34203475	0	31800	0	21	16	1530
35054050	.3	16700	0	12	16	1870
35403315	0	40400	0	28	26	3060
36353870	0	20300	0	13	17	1670
36503150	0	37000	0	24	23	2310
37503705	0	28400	0	30	16	1010
38454260	0	14000	0	10	12	1150
38653540	0	36600	0	25	21	1080
39604100	0	36100	0	24	15	1310
39753380	0	32900	0	21	16	1430
40753935	0	23200	0	15	13	946
40903215	0	22100	0	14	16	1240
43053605	0	45300	0	30	23	2250
41903775	0	25900	0	17	12	3330
44153445	0	10400	0	6	10	557
45004720	0	26000	0	17	17	868



FILE NAME: 2-489/P2  
ACT NAME: GE03

DATE: AUGUST 16, 1982  
COMPANY: MONTGOMERY CONSULTANTS  
PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	CD	CO	CU	FE	K	MG
14001000	3.0	11	20	56900	1470	12500
14001590	1.7	12	19	49700	1420	5650
14651000	1.7	11	45	54400	2310	17600
15851070	.7	12	20	51700	1220	5170
15901650	1.9	15	35	50700	1600	4980
16501475	.9	14	25	62100	1580	6550
17101305	.7	18	27	54000	1750	6020
17751135	.8	15	24	53000	2260	6910
28653570	.9	14	28	61700	766	3440
29803405	.8	16	32	71800	952	4760
30953245	.5	16	18	79000	795	6180
31953805	.9	14	67	64800	499	2330
32103080	1.2	17	28	59700	856	8260
33103640	.7	15	36	59400	877	5690
34203475	0	12	16	62100	640	3630
35054050	1.9	17	33	50500	897	1650
35403315	.9	18	46	86200	1680	10300
36353870	1.4	14	32	53700	1120	3240
36503150	.3	15	38	78500	1050	6460
37503705	0	12	16	60600	542	2370
38454260	1.6	14	29	37600	829	2110
38653540	1.5	15	22	68500	635	3910
39604100	.4	20	21	64100	658	2140
39753380	0	13	15	63800	530	3120
40753935	.9	11	14	46100	618	2750
40903215	0	12	14	59400	506	3160
43053605	0	17	27	82700	888	4700
41903775	0	9	13	47000	453	2140
44153445	1.7	9	25	30900	907	2530
45004720	1.2	16	33	52300	824	3050

## MINEN LABS ICP REPORT

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FILE NAME: 2-489/P2  
ACT NAME: GEO3DATE: AUGUST 16, 1982  
COMPANY: MONTGOMERY CONSULTANTS  
PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	MN	MO	NA	NI	P	PB
14001000	715	0	253	18	557	18
14001590	855	0	139	24	1290	9
14651000	460	0	201	11	480	12
15851070	491	0	182	19	309	0
15901650	764	0	160	27	491	32
16501475	910	0	194	30	582	11
17101305	810	0	183	40	1560	2
17751135	520	0	170	22	958	2
28653570	1550	0	151	24	619	2
29803405	784	0	188	23	1520	0
30953245	1010	0	189	18	596	0
31953805	3220	1	115	28	1290	14
32103080	974	0	117	16	813	2
33103640	450	0	119	18	459	6
34203475	695	0	171	12	1800	0
35054050	3530	1	116	30	1360	32
35403315	520	0	168	20	1050	0
36353870	1820	0	92	24	499	82
36503150	519	0	199	17	1500	0
37503705	735	0	162	11	930	0
38454260	1050	1	76	24	583	37
38653540	1550	0	123	21	3300	21
39604100	2560	0	172	23	1330	0
39753380	221	0	200	9	758	0
40753935	892	0	123	16	2670	13
40903215	498	0	166	9	1340	0
43053605	988	0	283	20	2460	0
41903775	1180	0	159	15	645	0
44153445	321	1	35	15	745	24
45004720	444	0	123	24	828	11

## MINEN LABS ICP REPORT

FILE NAME: 2-489/F2  
 ACT NAME: GEO3

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANTS  
 PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	SB	SR	TH	U	V	ZN
14001000	0	35	15	0	32.8	1930
14001590	0	30	10	0	36.7	178
14651000	0	19	24	0	40.8	59
15851070	0	27	6	0	39.6	179
15901650	0	33	11	0	33.0	160
16501475	0	36	12	3	37.9	89
17101305	0	28	10	1	37.1	80
17751135	0	28	9	0	36.7	81
28653570	0	27	5	1	43.1	176
29803405	0	41	6	0	49.9	115
30953245	0	29	3	0	54.5	296
31953805	0	19	3	5	39.2	106
32103080	0	22	10	0	53.7	109
33103640	0	26	10	0	50.6	62
34203475	0	25	3	0	45.5	73
35054050	0	20	6	7	32.6	241
35403315	0	36	10	0	65.3	129
36353870	0	23	6	0	38.6	190
36503150	0	30	6	0	58.0	110
37503705	0	21	0	0	40.6	95
38454260	0	19	11	6	32.9	136
38653540	0	22	8	0	47.5	321
39604100	0	30	2	0	44.6	89
39753380	0	28	1	0	46.9	94
40753935	0	13	4	0	36.5	166
40903215	0	13	0	0	46.0	92
43053605	0	32	3	0	70.5	125
41903775	0	28	0	0	31.8	95
44153445	0	9	13	0	22.5	145
45004720	0	24	8	0	43.7	96

FILE NAME: 2-489/P3  
ACT NAME: GED3

DATE: AUGUST 16, 1982  
COMPANY: MONTGOMERY CONSULTANT  
PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	AG	AL	AS	B	BI	CA
45154000	0	40600	0	26	19	2060
45303280	0	20300	0	13	21	697
46104555	0	30100	0	20	13	2740
46303840	0	44300	0	28	21	654
47254400	0	20400	0	14	14	741
47453570	0	33600	0	21	13	1140
48404230	0	36600	0	23	13	672
48603510	0	25600	0	17	20	990
49554070	0	13200	0	7	9	1280
49704350	.3	29000	0	18	19	1360
50703910	0	41200	0	25	12	1010
51505180	0	23000	0	15	11	2870
51704465	0	20300	0	12	10	670
51853740	0	27300	0	16	13	589
52655020	.1	18500	0	12	12	1850
53003580	.1	15600	0	11	14	956
53754855	0	18800	0	12	12	2450
54153420	0	23500	0	14	13	890
56104520	1.5	15600	0	9	10	1830
56104525	.3	17500	0	10	12	1170
57304365	0	30600	0	20	14	3070
58404200	0	32400	0	21	13	492

FILE NAME: 2-489/P3  
ACT NAME: GE03

DATE: AUGUST 16, 1982  
COMPANY: MONTGOMERY CONSULTANTS  
PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	CD	CO	CU	FE	K.	MG
45154000	.1	13	28	61700	914	3330
45303280	1.9	17	47	58600	545	2670
46104555	1.2	14	26	51900	817	2250
46303840	1.0	21	52	65000	1070	3310
47254400	1.5	18	20	44500	967	2990
47453570	.5	12	21	59300	358	1420
48404230	1.0	15	13	52700	575	1900
48603510	1.4	12	21	58200	742	2030
49554070	.8	9	14	26600	769	1820
49704350	.3	13	24	62600	494	2770
50703910	0	11	11	45100	329	1070
51505180	1.0	12	14	41000	915	2230
51704465	1.6	13	18	31900	838	2330
51853740	1.1	9	16	42900	453	2310
52655020	1.2	11	16	38600	727	3360
53003580	1.8	13	22	47300	726	2960
53754855	.9	10	11	40200	575	2000
54153420	.5	10	17	41200	430	1620
56104520	1.4	12	8	32900	664	1810
56104525	.7	10	8	35600	595	1720
57304365	.6	12	14	43300	738	1930
58404200	1.3	11	29	39200	530	1950

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P3  
 ACT NAME: GE03

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANTS  
 PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	MN	MO	NA	NI	P	PB
45154000	933	0	249	22	2260	0
45303280	2500	2	101	26	903	52
46104555	1620	0	175	27	865	6
46303840	374	0	149	24	699	4
47254400	633	1	67	20	411	25
47453570	1260	0	215	14	873	62
48404230	1970	0	135	15	2240	2
48603510	4300	0	125	39	649	104
49554070	439	1	72	7	929	26
49704350	1930	0	170	22	648	1
50703910	973	0	117	7	4120	10
51505180	389	0	118	31	2250	13
51704465	694	1	62	18	797	19
51853740	989	0	102	12	1030	38
52655020	684	1	114	15	1020	22
53003580	970	1	81	25	483	83
53754855	2090	0	106	16	2310	17
54153420	2380	0	105	20	761	11
56104520	2700	1	81	20	947	27
56104525	825	1	105	11	1390	9
57304365	1040	0	177	20	1340	0
58404200	804	1	83	11	1370	17

## MINEN LABS ICP REPORT

FILE NAME: 2-489/P3  
 ACT NAME: GEO3

DATE: AUGUST 16, 1982  
 COMPANY: MONTGOMERY CONSULTANTS  
 PROJECT: 82-HT-1

----- CONCENTRATION IN PPM -----

	SB	SR	TH	U	V	ZN
45154000	0	40	2	0	38.8	125
45303280	0	45	8	0	36.0	147
46104555	0	40	1	0	32.7	157
46303840	0	40	7	0	43.0	62
47254400	0	21	11	0	41.4	56
47453570	0	30	0	0	36.3	214
48404230	0	26	1	0	37.9	181
48603510	0	28	6	6	33.9	313
49554070	0	18	6	0	31.1	50
49704350	0	30	0	0	44.6	102
50703910	0	27	0	0	31.3	54
51505180	0	24	4	0	26.9	90
51704465	0	19	7	0	28.0	58
51853740	0	23	3	0	32.5	125
52655020	0	21	7	0	32.1	137
53003580	0	21	12	14	38.4	154
53754855	0	23	1	0	27.5	125
54153420	0	24	2	0	32.1	53
56104520	0	26	6	8	28.8	71
56104525	0	19	4	4	28.6	125
57304365	0	35	4	6	31.8	57
58404200	0	28	6	0	30.5	95

## 2.4 Interpretation

### 2.4.1 Introduction

The data were first transferred to punched data cards and entered into a computer. In order to facilitate statistical studies, all zeros were changed to small values near the dection limits for each element.

The following table gives a summary of the statistical values of mean and standard deviation (arithmetic and logarithmic) for each element.

STATISTICAL SUMMARY

NAME	NR.OF VALUES	ARITHMETIC		LOGARITHMIC	
		MEAN	STD.DEV.	MEAN	STD.DEV.
AG	82	0.20488	0.30384	-0.86263	0.30790
AL	82	26065.	8040.3	4.3939	0.14861
AS	82	1.0000	0.0	0.0	0.0
B	82	18.951	6.2537	1.2502	0.16485
BI	82	16.268	4.1575	1.1978	0.10882
CA	82	3024.5	3038.7	3.3531	0.32992
CD	82	1.5817	1.2542	0.38829E-01	0.43576
CO	82	14.500	3.8273	1.1474	0.10963
CU	82	28.451	14.867	1.4034	0.20942
FE	82	51751.	11789.	4.7027	0.10156

NAME	NR.OF VALUES	ARITHMETIC		LOGARITHMIC	
		MEAN	STD.DEV.	MEAN	STD.DEV.
K	82	1359.5	825.59	3.0544	0.26625
MG	82	5327.2	3986.0	3.6347	0.27985
MN	82	1142.3	864.30	2.9509	0.30673
MO	82	1.2195	0.70316	0.50154E-01	0.15019
NA	82	169.51	77.139	2.1877	0.19458
NI	82	23.585	15.757	1.3109	0.22138
P	82	1155.8	689.41	2.9918	0.26156
PB	82	27.585	34.975	1.0659	0.66211
SB	82	1.2195	1.0775	0.34480E-01	0.15801
SR	82	31.061	9.8424	1.4690	0.14755
TH	82	9.8780	7.2663	0.84243	0.41637
U	82	4.7561	5.7619	0.39886	0.48317
V	82	39.516	8.5772	1.5871	0.91615E-01
ZN	82	202.18	263.15	2.1334	0.35724



2.42 Frequency Distribution and Cumulative  
Percent Curves

The following pages show frequency distribution curves and percentage cumulative frequency plots for each element. Both arithmetic and lognormal equivalents are shown.

**T**  
**I**  
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PROGRAM: PERCENTAGE HISTOGRAMS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 10:55:12

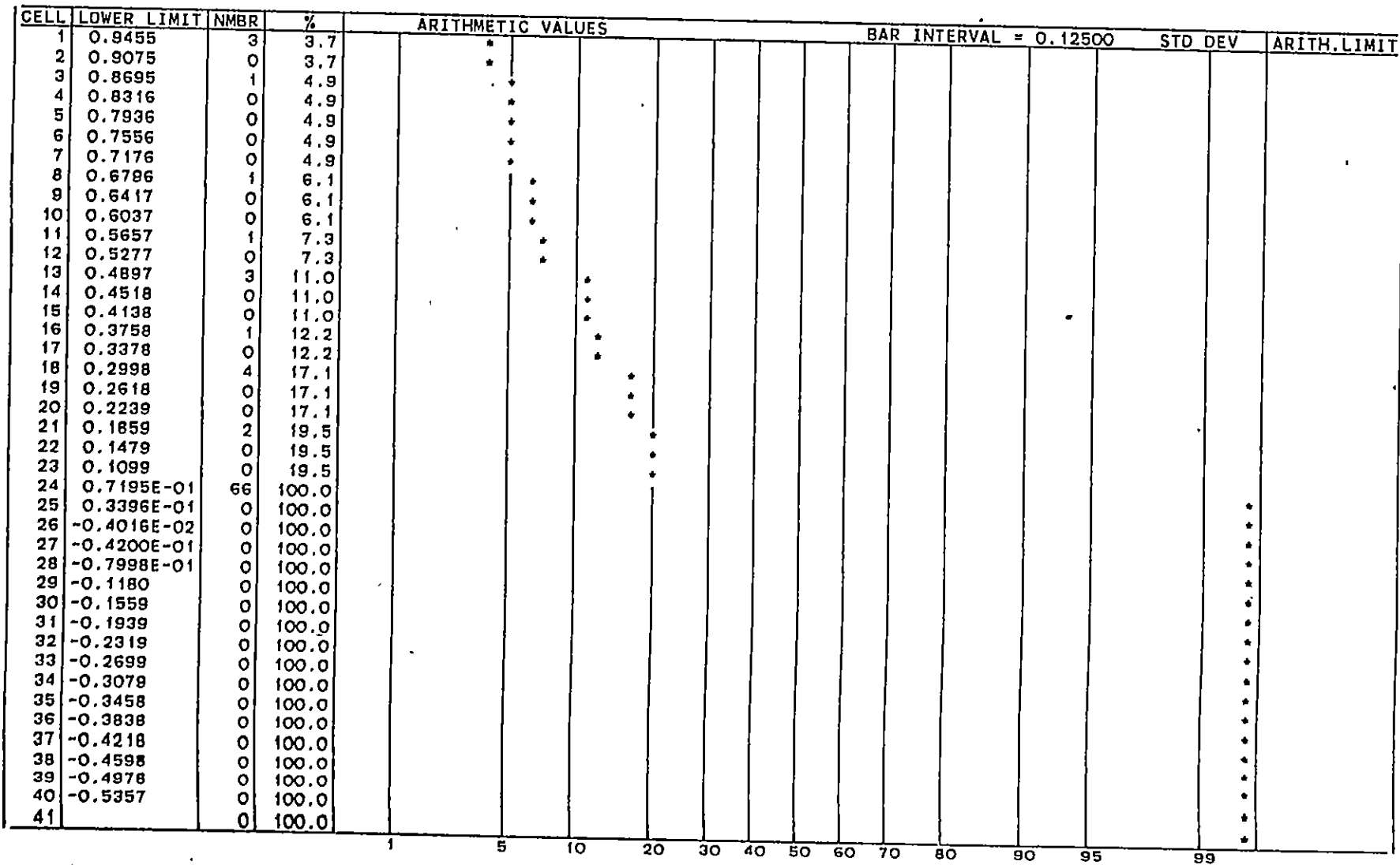
NAME	AG
N	82
X BAR	0.20488
STD DEV	0.30384

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-1.276	0	0.0				
3	-1.200	0	0.0				
4	-1.124	0	0.0				
5	-1.048	0	0.0				
6	-0.9725	0	0.0				
7	-0.8966	0	0.0				
8	-0.8206	0	0.0				
9	-0.7446	0	0.0				
10	-0.6687	0	0.0				
11	-0.5927	0	0.0				
12	-0.5168	0	0.0				
13	-0.4408	0	0.0				
14	-0.3648	0	0.0				
15	-0.2889	0	0.0				
16	-0.2129	0	0.0				
17	-0.1369	0	0.0				
18	-0.6098E-01	0	0.0				
19	0.1498E-01	0	0.0				
20	0.9094E-01	66	80.5	.....			
21	0.1669	2	2.4	**			
22	0.2429	4	4.9	*****			
23	0.3188	0	0.0				
24	0.3948	1	1.2	*			
25	0.4707	3	3.7	****			
26	0.5467	1	1.2	*			
27	0.6227	0	0.0				
28	0.6986	1	1.2	*			
29	0.7746	0	0.0				
30	0.8506	1	1.2	*			
31	0.9265	1	1.2	*			
32	1.002	0	0.0				
33	1.078	0	0.0				
34	1.154	0	0.0				
35	1.230	0	0.0				
36	1.306	0	0.0				
37	1.382	0	0.0				
38	1.458	1	1.2	*			
39	1.534	0	0.0				
40	1.610	0	0.0				
41	1.686	1	1.2	*			

**T**  
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**PROGRAM:** PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 10:55:12

NAME	AG
N	82
X BAR	0.20488
STD DEV	0.30384



**T**  
**I** PROGRAM: PERCENTAGE HISTOGRAMS  
**T**  
**L** DATA: H.TYSSELAND GEOCHEMISTRY  
**E** RUN: PRODUCED FOR H.TYSSELAND  
**S** TIME: 30/08/82 10:55:12

NAME	AG
N	82
X BAR	-0.86263
STD DEV	0.30790

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2.364	0	0.0				0.4329E-02
3	-2.287	0	0.0				0.5168E-02
4	-2.210	0	0.0				0.6170E-02
5	-2.133	0	0.0				0.7367E-02
6	-2.056	0	0.0				0.8796E-02
7	-1.979	0	0.0				0.1050E-01
8	-1.902	0	0.0				0.1254E-01
9	-1.825	0	0.0				0.1497E-01
10	-1.748	0	0.0				0.1787E-01
11	-1.671	0	0.0				0.2134E-01
12	-1.594	0	0.0				0.2548E-01
13	-1.517	0	0.0				0.3042E-01
14	-1.440	0	0.0				0.3631E-01
15	-1.363	0	0.0				0.4336E-01
16	-1.286	0	0.0				0.5176E-01
17	-1.209	0	0.0				0.6180E-01
18	-1.132	0	0.0				0.7378E-01
19	-1.055	66	80.5	.....			0.8809E-01
20	-0.9781	0	0.0				0.1052
21	-0.9011	0	0.0				0.1256
22	-0.8241	0	0.0				0.1499
23	-0.7472	2	2.4	**			0.1790
24	-0.6702	0	0.0				0.2137
25	-0.5932	4	4.9	*****			0.2551
26	-0.5162	0	0.0				0.3046
27	-0.4393	1	1.2	*			0.3637
28	-0.3623	3	3.7	****			0.4342
29	-0.2853	1	1.2	*			0.5184
30	-0.2083	1	1.2	*			0.6190
31	-0.1314	0	0.0				0.7390
32	-0.5439E-01	2	2.4	**			0.8823
33	0.2258E-01	0	0.0				1.053
34	0.9956E-01	1	1.2	*			1.258
35	0.1765	0	0.0				1.502
36	0.2535	1	1.2	*			1.793
37	0.3305	0	0.0				2.140
38	0.4075	0	0.0				2.555
39	0.4844	0	0.0				3.051
40	0.5614	0	0.0				3.643
41	0.6384	0	0.0				4.349

**T**  
**I** PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**T**  
**L** DATA: H. TYSSSELAND GEOCHEMISTRY  
**E** RUN: PRODUCED FOR H. TYSSSELAND  
**S** TIME: 30/08/82 10:55:12

NAME	AG
N	82
X BAR	-0.86263
STD DEV	0.30790

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT	
1	-0.1121	4	4.9														0.7725
2	-0.1506	0	4.9														0.7069
3	-0.1891	1	6.1														0.6470
4	-0.2276	1	7.3														0.5921
5	-0.2661	0	7.3														0.5419
6	-0.3046	3	11.0														0.4959
7	-0.3430	0	11.0														0.4539
8	-0.3815	0	11.0														0.4154
9	-0.4200	1	12.2														0.3802
10	-0.4585	0	12.2														0.3479
11	-0.4970	0	12.2														0.3184
12	-0.5355	4	17.1														0.2914
13	-0.5740	0	17.1														0.2667
14	-0.6125	0	17.1														0.2441
15	-0.6509	0	17.1														0.2234
16	-0.6894	0	17.1														0.2044
17	-0.7279	2	19.5														0.1871
18	-0.7664	0	19.5														0.1712
19	-0.8049	0	19.5														0.1567
20	-0.8434	0	19.5														0.1434
21	-0.8819	0	19.5														0.1313
22	-0.9204	0	19.5														0.1201
23	-0.9588	0	19.5														0.1099
24	-0.9973	0	19.5														0.1006
25	-1.036	66	100.0													*	0.9208E-01
26	-1.074	0	100.0													*	0.8427E-01
27	-1.113	0	100.0													*	0.7713E-01
28	-1.151	0	100.0													*	0.7059E-01
29	-1.190	0	100.0													*	0.6460E-01
30	-1.228	0	100.0													*	0.5912E-01
31	-1.267	0	100.0													*	0.5411E-01
32	-1.305	0	100.0													*	0.4952E-01
33	-1.344	0	100.0													*	0.4532E-01
34	-1.382	0	100.0													*	0.4148E-01
35	-1.421	0	100.0													*	0.3796E-01
36	-1.459	0	100.0													*	0.3474E-01
37	-1.498	0	100.0													*	0.3179E-01
38	-1.536	0	100.0													*	0.2910E-01
39	-1.575	0	100.0													*	0.2663E-01
40	-1.613	0	100.0													*	0.2437E-01
41		0	100.0													*	

**T**  
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PROGRAM: PERCENTAGE HISTOGRAMS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 10:55:12

NAME	AL
N	82
X BAR	26065.
STD DEV	8040.3

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-0.1313E+05	0	0.0				
3	-0.1112E+05	0	0.0				
4	-9111.	0	0.0				
5	-7101.	0	0.0				
6	-5091.	0	0.0				
7	-3081.	0	0.0				
8	-1071.	0	0.0				
9	939.5	0	0.0				
10	2950.	0	0.0				
11	4960.	0	0.0				
12	6970.	2	2.4	**			
13	8980.	1	1.2	*			
14	0.1099E+05	0	0.0				
15	0.1300E+05	2	2.4	**			
16	0.1501E+05	5	6.1	*****			
17	0.1702E+05	5	6.1	*****			
18	0.1903E+05	9	11.0	*****			
19	0.2104E+05	4	4.9	*****			
20	0.2305E+05	12	14.6	*****			
21	0.2506E+05	6	7.3	*****			
22	0.2707E+05	8	9.8	*****			
23	0.2908E+05	8	9.8	*****			
24	0.3109E+05	7	8.5	*****			
25	0.3310E+05	3	3.7	****			
26	0.3511E+05	4	4.9	*****			
27	0.3712E+05	0	0.0				
28	0.3913E+05	2	2.4	**			
29	0.4114E+05	1	1.2	*			
30	0.4315E+05	1	1.2	*			
31	0.4516E+05	2	2.4	**			
32	0.4717E+05	0	0.0				
33	0.4918E+05	0	0.0				
34	0.5119E+05	0	0.0				
35	0.5320E+05	0	0.0				
36	0.5521E+05	0	0.0				
37	0.5722E+05	0	0.0				
38	0.5923E+05	0	0.0				
39	0.6124E+05	0	0.0				
40	0.6325E+05	0	0.0				
41	0.6526E+05	0	0.0				

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	AL
N	82
X BAR	26065.
STD DEV	8040.3

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH.LIMIT		
1	0.4566E+05	1	1.2	*														
2	0.4466E+05	1	2.4	*														
3	0.4365E+05	1	3.7	*														
4	0.4265E+05	0	3.7	*														
5	0.4164E+05	0	3.7	*														
6	0.4064E+05	1	4.9	*														
7	0.3963E+05	2	7.3	*														
8	0.3863E+05	0	7.3	*														
9	0.3762E+05	0	7.3	*														
10	0.3662E+05	1	8.5	*														
11	0.3561E+05	3	12.2	*														
12	0.3461E+05	0	12.2	*														
13	0.3360E+05	2	14.6	*														
14	0.3260E+05	3	18.3	*														
15	0.3159E+05	3	22.0	*														
16	0.3059E+05	4	26.8	*														
17	0.2958E+05	4	31.7	*														
18	0.2858E+05	4	36.6	*														
19	0.2757E+05	4	41.5	*														
20	0.2657E+05	2	43.9	*														
21	0.2556E+05	5	50.0	*														
22	0.2456E+05	5	56.1	*														
23	0.2355E+05	5	62.2	*														
24	0.2255E+05	5	68.3	*														
25	0.2154E+05	1	69.5	*														
26	0.2054E+05	3	73.2	*														
27	0.1953E+05	6	80.5	*														
28	0.1853E+05	2	82.9	*														
29	0.1752E+05	3	86.6	*														
30	0.1652E+05	2	89.0	*														
31	0.1551E+05	4	93.9	*														
32	0.1451E+05	0	93.9	*														
33	0.1350E+05	1	95.1	*														
34	0.1250E+05	1	96.3	*														
35	0.1149E+05	0	96.3	*														
36	0.1049E+05	0	96.3	*														
37	9482.	1	97.6	*														
38	8477.	1	98.8	*														
39	7472.	1	100.0	*														
40	6467.	0	100.0	*														
41		0	100.0	*														

T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

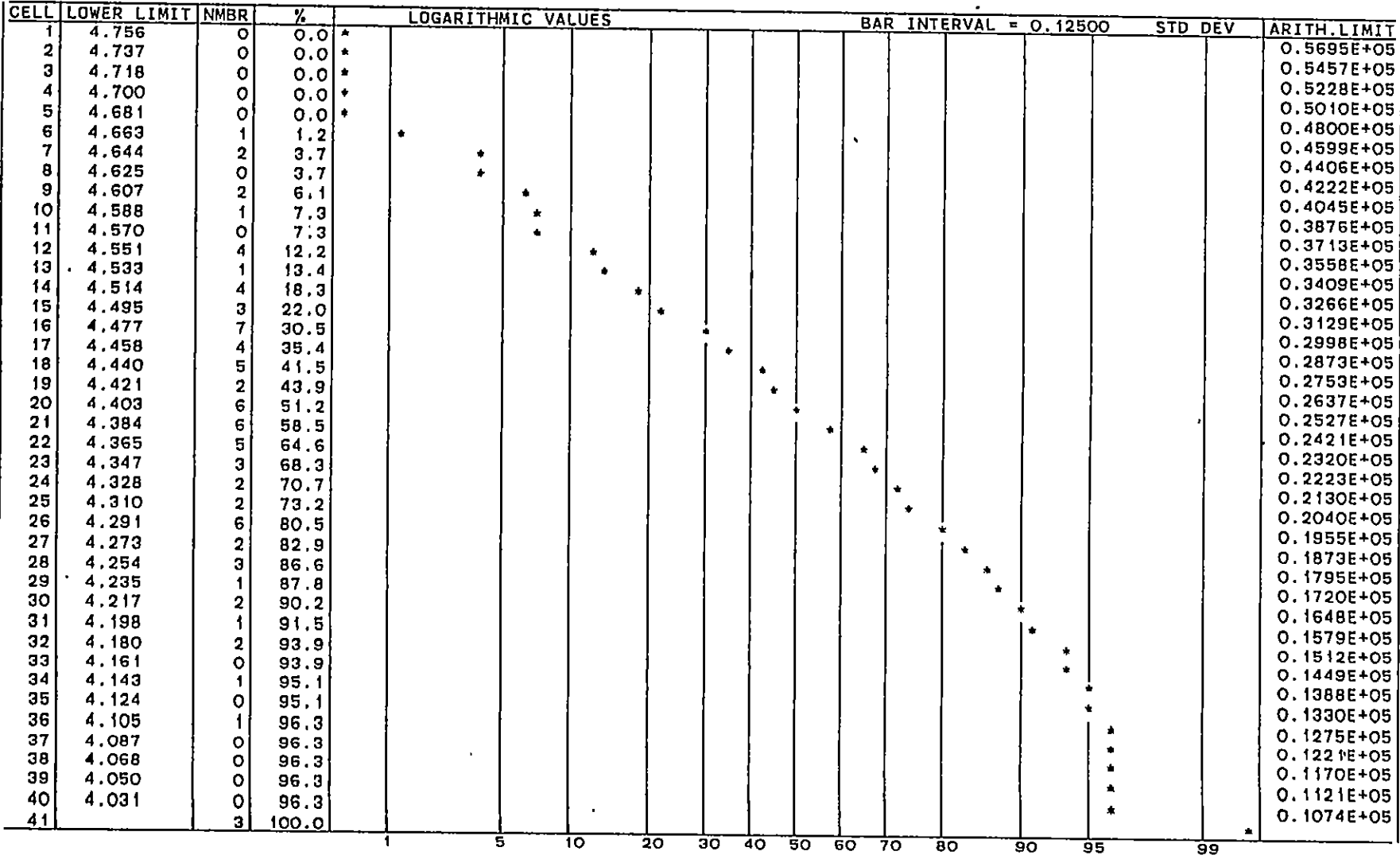
NAME	AL
N	82
X BAR	4.3933
STD DEV	0.14861

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	3.669	0	0.0				
3	3.706	0	0.0				4665.
4	3.743	0	0.0				5082.
5	3.780	0	0.0				5535.
6	3.817	0	0.0				6030.
7	3.855	1	1.2	*			6568.
8	3.892	0	0.0				7155.
9	3.929	1	1.2	*			7794.
10	3.966	0	0.0				8490.
11	4.003	1	1.2	*			9248.
12	4.040	0	0.0				0.1007E+05
13	4.078	0	0.0				0.1097E+05
14	4.115	2	2.4	**			0.1195E+05
15	4.152	0	0.0				0.1302E+05
16	4.189	5	6.1	*****			0.1418E+05
17	4.226	3	3.7	****			0.1545E+05
18	4.263	5	6.1	*****			0.1683E+05
19	4.300	7	8.5	*****			0.1833E+05
20	4.338	8	9.8	*****			0.1997E+05
21	4.375	11	13.4	*****			0.2176E+05
22	4.412	5	6.1	*****			0.2370E+05
23	4.449	12	14.6	*****			0.2581E+05
24	4.486	8	9.8	*****			0.2812E+05
25	4.523	4	4.9	****			0.3063E+05
26	4.560	3	3.7	****			0.3337E+05
27	4.598	3	3.7	****			0.3635E+05
28	4.635	3	3.7	****			0.3959E+05
29	4.672	0	0.0				0.4313E+05
30	4.709	0	0.0				0.4698E+05
31	4.746	0	0.0				0.5118E+05
32	4.783	0	0.0				0.5575E+05
33	4.821	0	0.0				0.6073E+05
34	4.858	0	0.0				0.6615E+05
35	4.895	0	0.0				0.7206E+05
36	4.932	0	0.0				0.7849E+05
37	4.969	0	0.0				0.8550E+05
38	5.006	0	0.0				0.9314E+05
39	5.043	0	0.0				0.1015E+06
40	5.081	0	0.0				0.1105E+06
41	5.118	0	0.0				0.1204E+06
							0.1311E+06



T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	AL
N	82
X BAR	4.3933
STD DEV	0.14861



T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	AS
N	82
X BAR	1.0000
STD DEV	0.0

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		82	100.0	*****			
2	1.000	0	0.0				
3	1.000	0	0.0				
4	1.000	0	0.0				
5	1.000	0	0.0				
6	1.000	0	0.0				
7	1.000	0	0.0				
8	1.000	0	0.0				
9	1.000	0	0.0				
10	1.000	0	0.0				
11	1.000	0	0.0				
12	1.000	0	0.0				
13	1.000	0	0.0				
14	1.000	0	0.0				
15	1.000	0	0.0				
16	1.000	0	0.0				
17	1.000	0	0.0				
18	1.000	0	0.0				
19	1.000	0	0.0				
20	1.000	0	0.0				
21	1.000	0	0.0				
22	1.000	0	0.0				
23	1.000	0	0.0				
24	1.000	0	0.0				
25	1.000	0	0.0				
26	1.000	0	0.0				
27	1.000	0	0.0				
28	1.000	0	0.0				
29	1.000	0	0.0				
30	1.000	0	0.0				
31	1.000	0	0.0				
32	1.000	0	0.0				
33	1.000	0	0.0				
34	1.000	0	0.0				
35	1.000	0	0.0				
36	1.000	0	0.0				
37	1.000	0	0.0				
38	1.000	0	0.0				
39	1.000	0	0.0				
40	1.000	0	0.0				
41	1.000	0	0.0				

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS	NAME	AS
	DATA:	H. TYSSSELAND, GEOCHEMISTRY	N	82
	RUN:	PRODUCED FOR H. TYSSSELAND	X BAR	1.0000
	TIME:	30/08/82 10:55:12	STD DEV	0.0

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT	
1	1.000	0	0.0	*													
2	1.000	0	0.0	*													
3	1.000	0	0.0	*													
4	1.000	0	0.0	*													
5	1.000	0	0.0	*													
6	1.000	0	0.0	*													
7	1.000	0	0.0	*													
8	1.000	0	0.0	*													
9	1.000	0	0.0	*													
10	1.000	0	0.0	*													
11	1.000	0	0.0	*													
12	1.000	0	0.0	*													
13	1.000	0	0.0	*													
14	1.000	0	0.0	*													
15	1.000	0	0.0	*													
16	1.000	0	0.0	*													
17	1.000	0	0.0	*													
18	1.000	0	0.0	*													
19	1.000	0	0.0	*													
20	1.000	0	0.0	*													
21	1.000	0	0.0	*													
22	1.000	0	0.0	*													
23	1.000	0	0.0	*													
24	1.000	0	0.0	*													
25	1.000	0	0.0	*													
26	1.000	0	0.0	*													
27	1.000	0	0.0	*													
28	1.000	0	0.0	*													
29	1.000	0	0.0	*													
30	1.000	0	0.0	*													
31	1.000	0	0.0	*													
32	1.000	0	0.0	*													
33	1.000	0	0.0	*													
34	1.000	0	0.0	*													
35	1.000	0	0.0	*													
36	1.000	0	0.0	*													
37	1.000	0	0.0	*													
38	1.000	0	0.0	*													
39	1.000	0	0.0	*													
40	1.000	0	0.0	*													
41		82	100.0	*													

**T**  
**I** PROGRAM: PERCENTAGE HISTOGRAMS  
**T**  
**L** DATA: H.TYSSELAND GEOCHEMISTRY  
**E** RUN: PRODUCED FOR H.TYSSELAND  
**S** TIME: 30/08/82 10:55:12

NAME	AS
N	82
X BAR	0.0
STD DEV	0.0

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH. LIMIT
1		82	100.0	*****			
2		0	0.0				1.000
3	0.0	0	0.0				1.000
4	0.0	0	0.0				1.000
5	0.0	0	0.0				1.000
6	0.0	0	0.0				1.000
7	0.0	0	0.0				1.000
8	0.0	0	0.0				1.000
9	0.0	0	0.0				1.000
10	0.0	0	0.0				1.000
11	0.0	0	0.0				1.000
12	0.0	0	0.0				1.000
13	0.0	0	0.0				1.000
14	0.0	0	0.0				1.000
15	0.0	0	0.0				1.000
16	0.0	0	0.0				1.000
17	0.0	0	0.0				1.000
18	0.0	0	0.0				1.000
19	0.0	0	0.0				1.000
20	0.0	0	0.0				1.000
21	0.0	0	0.0				1.000
22	0.0	0	0.0				1.000
23	0.0	0	0.0				1.000
24	0.0	0	0.0				1.000
25	0.0	0	0.0				1.000
26	0.0	0	0.0				1.000
27	0.0	0	0.0				1.000
28	0.0	0	0.0				1.000
29	0.0	0	0.0				1.000
30	0.0	0	0.0				1.000
31	0.0	0	0.0				1.000
32	0.0	0	0.0				1.000
33	0.0	0	0.0				1.000
34	0.0	0	0.0				1.000
35	0.0	0	0.0				1.000
36	0.0	0	0.0				1.000
37	0.0	0	0.0				1.000
38	0.0	0	0.0				1.000
39	0.0	0	0.0				1.000
40	0.0	0	0.0				1.000
41	0.0	0	0.0				1.000



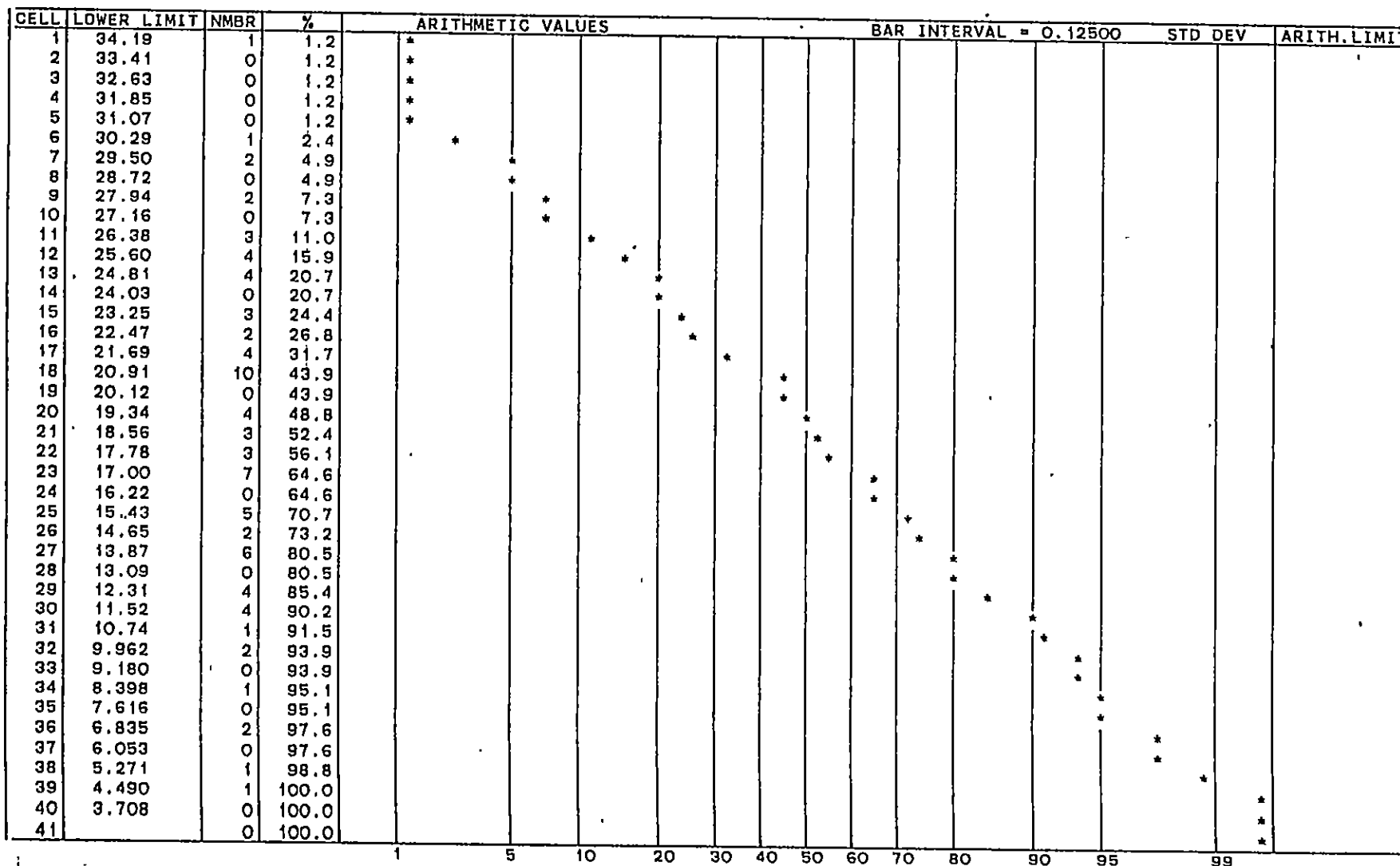
T	PROGRAM:	PERCENTAGE HISTOGRAMS
I	DATA:	H.TYSSELAND GEOCHEMISTRY
T	RUN:	PRODUCED FOR H.TYSSELAND
L	TIME:	30/08/82 10:55:12
E		
S		

NAME	B
N	82
X BAR	18.951
STD DEV	6.2537

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-11.54	0	0.0				
3	-9.972	0	0.0				
4	-8.409	0	0.0				
5	-6.845	0	0.0				
6	-5.282	0	0.0				
7	-3.718	0	0.0				
8	-2.155	0	0.0				
9	-0.5916	0	0.0				
10	0.9719	0	0.0				
11	2.535	0	0.0				
12	4.099	1	1.2	*			
13	5.662	3	3.7	****			
14	7.226	0	0.0				
15	8.789	3	3.7	****			
16	10.35	1	1.2	*			
17	11.92	8	9.8	*****			
18	13.48	8	9.8	*****			
19	15.04	5	6.1	*****			
20	16.61	10	12.2	*****			
21	18.17	3	3.7	****			
22	19.73	14	17.1	*****			
23	21.30	4	4.9	****			
24	22.86	5	6.1	*****			
25	24.42	4	4.9	****			
26	25.99	7	8.5	*****			
27	27.55	2	2.4	**			
28	29.11	2	2.4	**			
29	30.68	1	1.2	*			
30	32.24	0	0.0				
31	33.80	0	0.0				
32	35.37	0	0.0				
33	36.93	1	1.2	*			
34	38.49	0	0.0				
35	40.06	0	0.0				
36	41.62	0	0.0				
37	43.18	0	0.0				
38	44.75	0	0.0				
39	46.31	0	0.0				
40	47.87	0	0.0				
41	49.44	0	0.0				

T I T L E S	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA: H. TYSSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H. TYSSSELAND
	TIME: 30/08/82 10:55:12

NAME	B
N	82
X BAR	18.951
STD DEV	6.2537



**T**  
**I**  
**T**  
**L**  
**E**  
**S**

**PROGRAM: PERCENTAGE HISTOGRAMS**  
**DATA: H.TYSSELAND GEOCHEMISTRY**  
**RUN: PRODUCED FOR H.TYSSELAND**  
**TIME: 30/08/82 10:55:12**

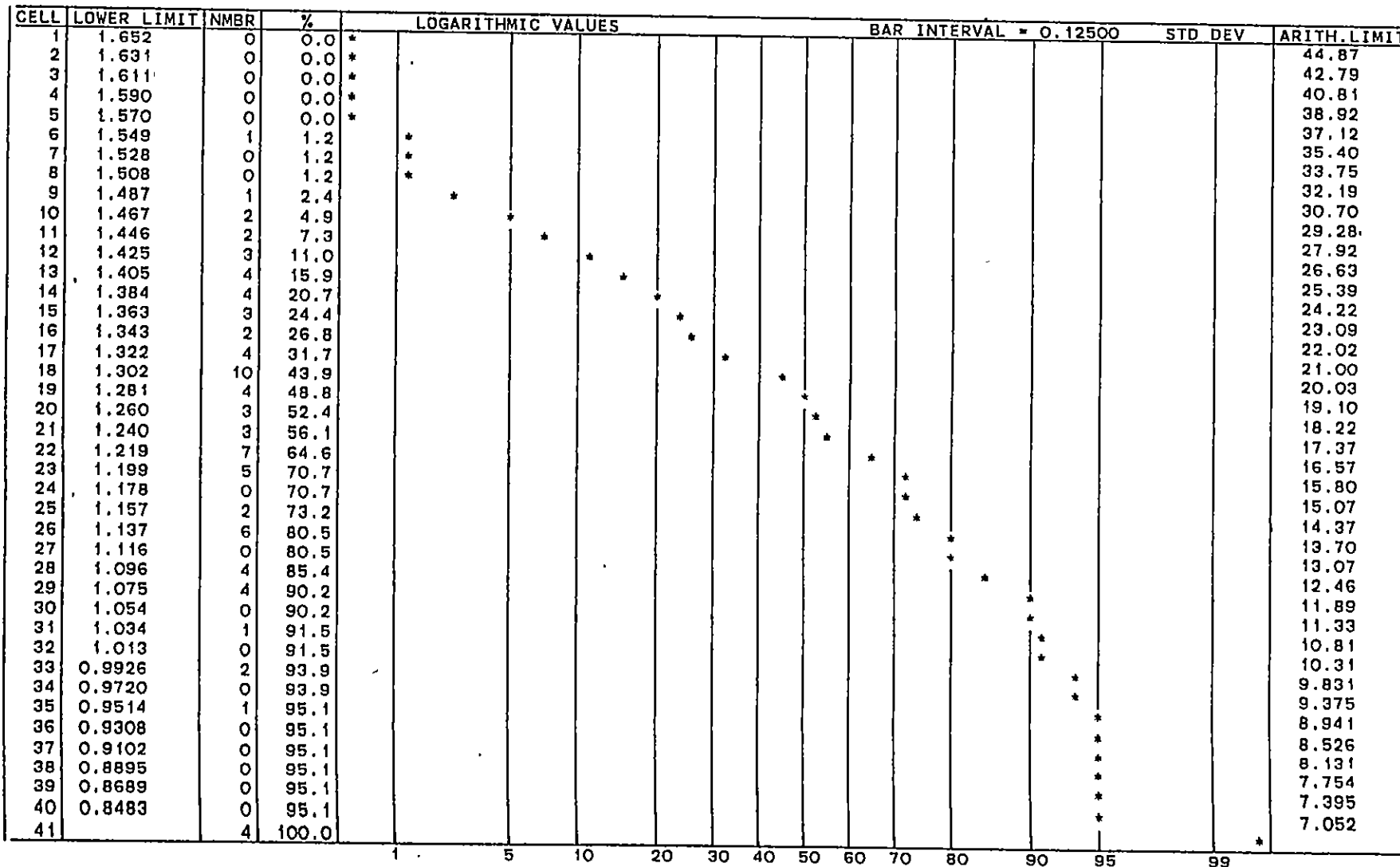
NAME	B
N	82
X BAR	1.2502
STD DEV	0.16485

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	0.4465	0	0.0				
3	0.4877	0	0.0				2.796
4	0.5289	0	0.0				3.074
5	0.5701	0	0.0				3.380
6	0.6114	0	0.0				3.717
7	0.6526	0	0.0				4.087
8	0.6938	1	1.2	*			4.493
9	0.7350	0	0.0				4.941
10	0.7762	1	1.2	*			5.432
11	0.8174	2	2.4	**			5.973
12	0.8586	0	0.0				6.568
13	0.8999	0	0.0				7.222
14	0.9411	1	1.2	*			7.941
15	0.9823	2	2.4	**			8.731
16	1.023	1	1.2	*			9.600
17	1.065	4	4.9	*****			10.56
18	1.106	10	12.2	*****			11.61
19	1.147	2	2.4	**			12.76
20	1.188	5	6.1	*****			14.03
21	1.230	10	12.2	*****			15.43
22	1.271	7	8.5	*****			16.97
23	1.312	14	17.1	*****			18.65
24	1.353	5	6.1	*****			20.51
25	1.394	11	13.4	*****			22.55
26	1.436	2	2.4	**			24.80
27	1.477	3	3.7	****			27.27
28	1.518	0	0.0				29.98
29	1.559	1	1.2	*			32.96
30	1.600	0	0.0				36.25
31	1.642	0	0.0				39.85
32	1.683	0	0.0				43.82
33	1.724	0	0.0				48.18
34	1.765	0	0.0				52.98
35	1.807	0	0.0				58.25
36	1.848	0	0.0				64.05
37	1.889	0	0.0				70.43
38	1.930	0	0.0				77.44
39	1.971	0	0.0				85.15
40	2.013	0	0.0				93.62
41	2.054	0	0.0				102.9
							113.2



T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	B
N	82
X BAR	1.2502
STD DEV	0.16485



**T**  
**I**  
**T**  
**L**  
**E**  
**S**

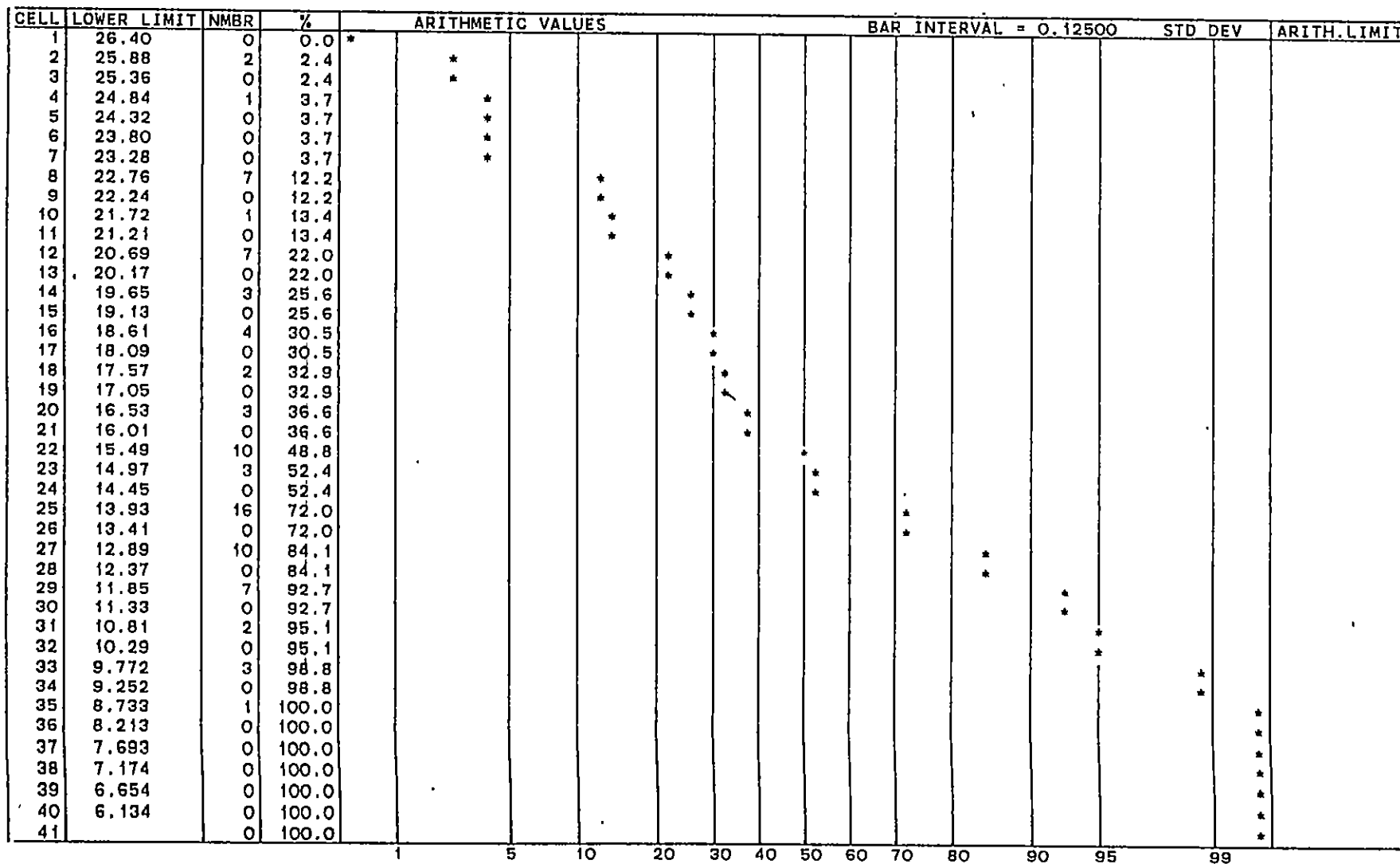
**PROGRAM: PERCENTAGE HISTOGRAMS**  
**DATA: H.TYSSELAND GEOCHEMISTRY**  
**RUN: PRODUCED FOR H.TYSSELAND**  
**TIME: 30/08/82 10:55:12**

NAME	BI
N	82
X BAR	16.268
STD DEV	4.1575

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-4.000	0	0.0				
3	-2.960	0	0.0				
4	-1.921	0	0.0				
5	-0.8816	0	0.0				
6	0.1578	0	0.0				
7	1.197	0	0.0				
8	2.237	0	0.0				
9	3.276	0	0.0				
10	4.315	0	0.0				
11	5.355	0	0.0				
12	6.394	0	0.0				
13	7.434	0	0.0				
14	8.473	1	1.2	*			
15	9.512	3	3.7	****			
16	10.55	2	2.4	**			
17	11.59	7	8.5	*****			
18	12.63	10	12.2	*****			
19	13.67	16	19.5	*****			
20	14.71	3	3.7	****			
21	15.75	10	12.2	*****			
22	16.79	3	3.7	****			
23	17.83	2	2.4	**			
24	18.87	4	4.9	****			
25	19.91	3	3.7	****			
26	20.95	7	8.5	*****			
27	21.98	8	9.8	*****			
28	23.02	0	0.0				
29	24.06	1	1.2	*			
30	25.10	2	2.4	**			
31	26.14	0	0.0				
32	27.18	0	0.0				
33	28.22	0	0.0				
34	29.26	0	0.0				
35	30.30	0	0.0				
36	31.34	0	0.0				
37	32.38	0	0.0				
38	33.42	0	0.0				
39	34.46	0	0.0				
40	35.50	0	0.0				
41	36.54	0	0.0				

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	BI
N	82
X BAR	16.268
STD DEV	4.1575



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	81
N	82
X BAR	1.1978
STD DEV	0.10882

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	0.6672	0	0.0				
3	0.6944	0	0.0				4.648
4	0.7216	0	0.0				4.948
5	0.7489	0	0.0				5.268
6	0.7761	0	0.0				5.609
7	0.8033	0	0.0				5.971
8	0.8305	0	0.0				6.357
9	0.8577	0	0.0				6.768
10	0.8849	0	0.0				7.206
11	0.9121	0	0.0				7.672
12	0.9393	1	1.2	*			8.167
13	0.9665	0	0.0				8.695
14	0.9937	3	3.7	****			9.258
15	1.021	2	2.4	**			9.856
16	1.048	0	0.0				10.49
17	1.075	7	8.5	*****			11.17
18	1.103	10	12.2	*****			11.89
19	1.130	16	19.5	*****			12.66
20	1.157	3	3.7	****			13.48
21	1.184	10	12.2	*****			14.35
22	1.211	3	3.7	****			15.28
23	1.239	2	2.4	**			16.27
24	1.266	4	4.9	*****			17.32
25	1.293	3	3.7	****			18.44
26	1.320	8	9.8	*****			19.63
27	1.347	7	8.5	*****			20.90
28	1.375	1	1.2	*			22.25
29	1.402	2	2.4	**			23.69
30	1.429	0	0.0				25.22
31	1.456	0	0.0				26.85
32	1.483	0	0.0				28.59
33	1.511	0	0.0				30.44
34	1.538	0	0.0				32.40
35	1.565	0	0.0				34.50
36	1.592	0	0.0				36.73
37	1.619	0	0.0				39.10
38	1.647	0	0.0				41.63
39	1.674	0	0.0				44.32
40	1.701	0	0.0				47.19
41	1.728	0	0.0				50.24
							53.49

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H. TYSSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H. TYSSSELAND
	TIME:	30/08/82 10:55:12

NAME	BI
N	82
X BAR	1.1978
STD DEV	0.10882

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT
1	1.463	0	0.0	*			29.04
2	1.449	0	0.0	*			28.14
3	1.436	0	0.0	*			27.28
4	1.422	0	0.0	*			26.43
5	1.409	2	2.4	*			25.62
6	1.395	1	3.7	*			24.83
7	1.381	0	3.7	*			24.06
8	1.368	0	3.7	*			23.32
9	1.354	7	12.2	*			22.60
10	1.341	1	13.4	*			21.91
11	1.327	0	13.4	*			21.23
12	1.313	7	22.0	*			20.58
13	1.300	3	25.6	*			19.94
14	1.286	0	25.6	*			19.33
15	1.273	4	30.5	*			18.73
16	1.259	0	30.5	*			18.15
17	1.245	2	32.9	*			17.59
18	1.232	0	32.9	*			17.05
19	1.218	3	36.6	*			16.53
20	1.205	0	36.6	*			16.02
21	1.191	10	48.8	*			15.52
22	1.177	0	48.8	*			15.04
23	1.164	3	52.4	*			14.58
24	1.150	0	52.4	*			14.13
25	1.137	16	72.0	*			13.69
26	1.123	0	72.0	*			13.27
27	1.109	10	84.1	*			12.86
28	1.096	0	84.1	*			12.47
29	1.082	0	84.1	*			12.08
30	1.069	7	92.7	*			11.71
31	1.055	0	92.7	*			11.35
32	1.041	2	95.1	*			11.00
33	1.028	0	95.1	*			10.66
34	1.014	0	95.1	*			10.33
35	1.001	0	95.1	*			10.01
36	0.9869	3	98.8	*			9.703
37	0.9733	0	98.8	*			9.404
38	0.9597	0	98.8	*			9.114
39	0.9461	1	100.0	*			8.833
40	0.9325	0	100.0	*			8.560
41		0	100.0	*			

T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	CA
N	82
X BAR	3024.5
STD DEV	3038.7

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-0.1179E+05	0	0.0				
3	-0.1103E+05	0	0.0				
4	-0.1027E+05	0	0.0				
5	-9510.	0	0.0				
6	-8750.	0	0.0				
7	-7991.	0	0.0				
8	-7231.	0	0.0				
9	-6471.	0	0.0				
10	-5712.	0	0.0				
11	-4952.	0	0.0				
12	-4192.	0	0.0				
13	-3433.	0	0.0				
14	-2673.	0	0.0				
15	-1913.	0	0.0				
16	-1154.	0	0.0				
17	-393.9	0	0.0				
18	365.7	19	23.2	*****			
19	1125.	14	17.1	*****			
20	1885.	8	9.8	*****			
21	2645.	12	14.6	*****			
22	3404.	15	18.3	*****			
23	4164.	5	6.1	*****			
24	4924.	2	2.4	**			
25	5683.	2	2.4	**			
26	6443.	2	2.4	**			
27	7203.	1	1.2	*			
28	7962.	0	0.0				
29	8722.	1	1.2	*			
30	9482.	0	0.0				
31	0.1024E+05	0	0.0				
32	0.1100E+05	0	0.0				
33	0.1176E+05	0	0.0				
34	0.1252E+05	0	0.0				
35	0.1328E+05	0	0.0				
36	0.1404E+05	0	0.0				
37	0.1480E+05	0	0.0				
38	0.1556E+05	0	0.0				
39	0.1632E+05	0	0.0				
40	0.1708E+05	0	0.0				
41	0.1784E+05	1	1.2	*			

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PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
DATA:	H.TYSSELAND GEOCHEMISTRY
RUN:	PRODUCED FOR H.TYSSELAND
TIME:	30/08/82 10:55:12

NAME	CA
N	82
X BAR	3024.5
STD DEV	3038.7

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH.LIMIT		
1	0.1043E+05	1	1.2	*														
2	0.1005E+05	0	1.2	*														
3	9672.	0	1.2	*														
4	9292.	0	1.2	*														
5	8912.	0	1.2	*														
6	8532.	1	2.4	*	*													
7	8152.	0	2.4	*	*													
8	7772.	1	3.7	*	*	*												
9	7393.	0	3.7	*	*	*												
10	7013.	1	4.9	*	*	*	*											
11	6633.	1	6.1	*	*	*	*	*										
12	6253.	0	6.1	*	*	*	*	*										
13	5873.	0	6.1	*	*	*	*	*	*									
14	5493.	2	8.5	*	*	*	*	*	*	*								
15	5114.	1	9.8	*	*	*	*	*	*	*	*							
16	4734.	3	13.4	*	*	*	*	*	*	*	*	*						
17	4354.	2	15.9	*	*	*	*	*	*	*	*	*	*					
18	3974.	3	19.5	*	*	*	*	*	*	*	*	*	*	*				
19	3594.	10	31.7	*	*	*	*	*	*	*	*	*	*	*	*			
20	3214.	7	40.2	*	*	*	*	*	*	*	*	*	*	*	*	*		
21	2835.	6	47.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
22	2455.	3	51.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23	2075.	5	57.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
24	1695.	6	64.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25	1315.	4	69.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
26	935.4	14	86.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
27	555.6	10	98.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
28	175.8	1	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29	-204.0	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30	-583.9	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
31	-963.7	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
32	-1344.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
33	-1723.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
34	-2103.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
35	-2483.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
36	-2863.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
37	-3243.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
38	-3623.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
39	-4002.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
40	-4382.	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
41		0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

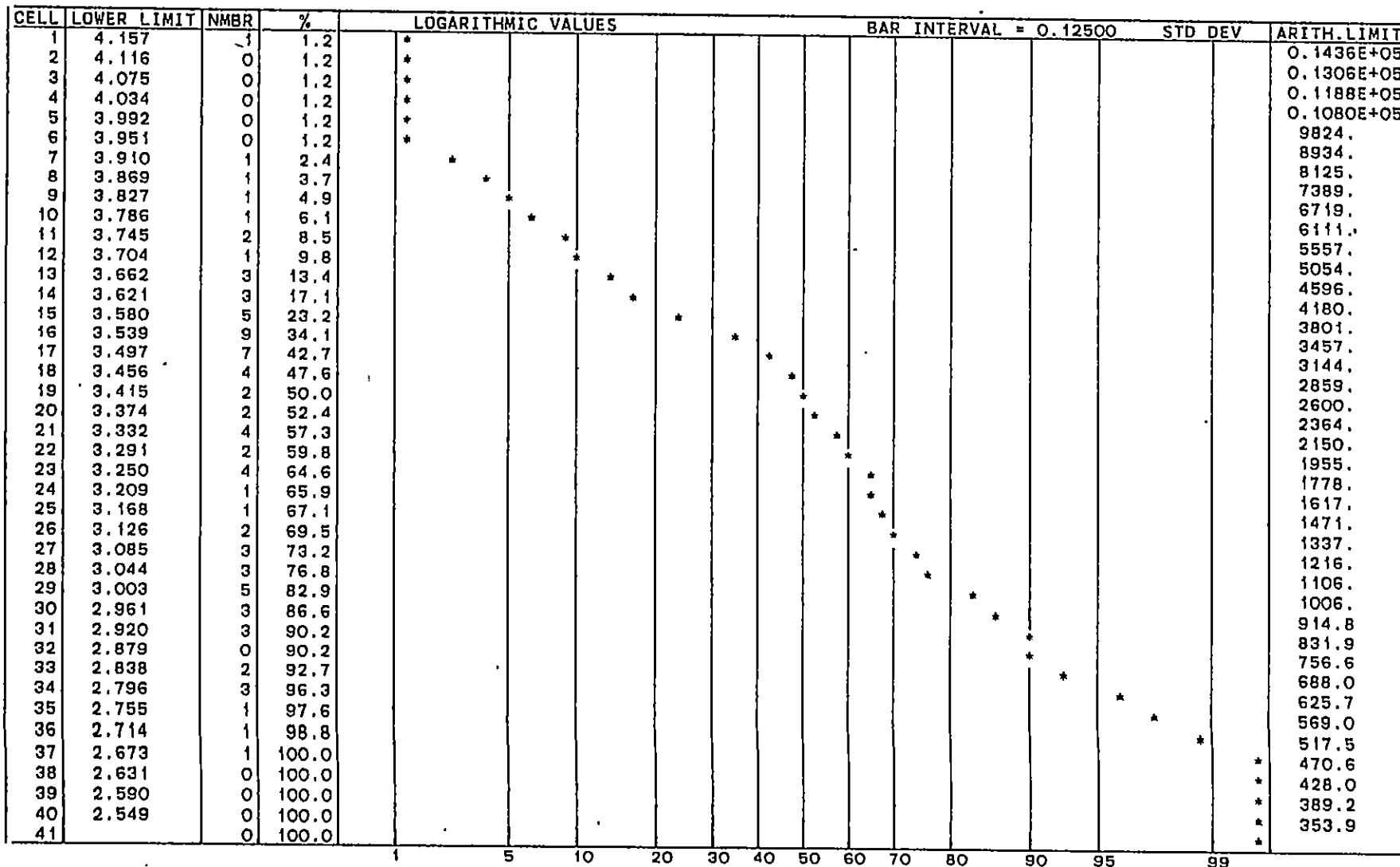
NAME	CA
N	82
X BAR	3.3531
STD DEV	0.32992

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	1.745	0	0.0				
3	1.827	0	0.0				55.56
4	1.910	0	0.0				67.18
5	1.992	0	0.0				81.23
6	2.075	0	0.0				98.22
7	2.157	0	0.0				118.8
8	2.240	0	0.0				143.6
9	2.322	0	0.0				173.6
10	2.405	0	0.0				209.9
11	2.487	0	0.0				253.9
12	2.570	0	0.0				307.0
13	2.652	1	1.2	*			371.2
14	2.735	3	3.7	****			448.8
15	2.817	4	4.9	*****			542.6
16	2.899	5	6.1	*****			656.1
17	2.982	8	9.8	*****			793.3
18	3.064	5	6.1	*****			959.3
19	3.147	3	3.7	****			1160.
20	3.229	5	6.1	*****			1402.
21	3.312	6	7.3	*****			1696.
22	3.394	4	4.9	****			2050.
23	3.477	12	14.6	*****			2479.
24	3.559	13	15.9	*****			2998.
25	3.642	6	7.3	*****			3625.
26	3.724	2	2.4	**			4383.
27	3.807	2	2.4	**			5300.
28	3.889	2	2.4	**			6408.
29	3.972	0	0.0				7748.
30	4.054	0	0.0				9369.
31	4.137	0	0.0				0.1133E+05
32	4.219	0	0.0				0.1370E+05
33	4.302	0	0.0				0.1656E+05
34	4.384	1	1.2	*			0.2003E+05
35	4.467	0	0.0				0.2421E+05
36	4.549	0	0.0				0.2928E+05
37	4.632	0	0.0				0.3540E+05
38	4.714	0	0.0				0.4281E+05
39	4.796	0	0.0				0.5176E+05
40	4.879	0	0.0				0.6258E+05
41	4.961	0	0.0				0.7567E+05
							0.9150E+05



**TITLES**  
**PROGRAM:** PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 10:55:12

NAME	CA
N	82
X BAR	3.3531
STD DEV	0.32992



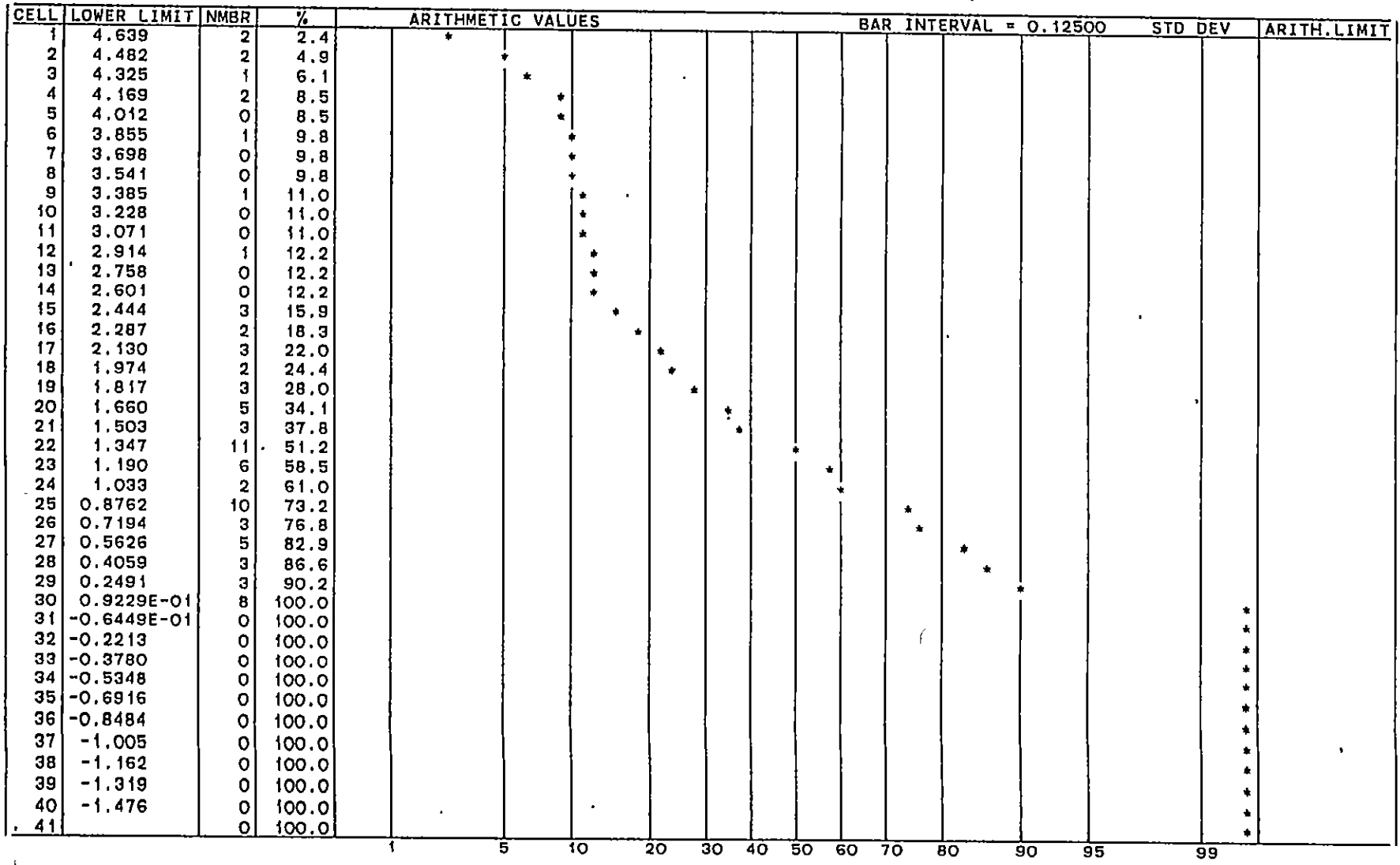
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND. GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	CD
N	82
X BAR	1.5817
STD DEV	1.2542

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-4.533	0	0.0				
3	-4.219	0	0.0				
4	-3.906	0	0.0				
5	-3.592	0	0.0				
6	-3.278	0	0.0				
7	-2.965	0	0.0				
8	-2.651	0	0.0				
9	-2.338	0	0.0				
10	-2.024	0	0.0				
11	-1.711	0	0.0				
12	-1.397	0	0.0				
13	-1.084	0	0.0				
14	-0.7700	0	0.0				
15	-0.4564	0	0.0				
16	-0.1429	8	9.8	*****			
17	0.1707	3	3.7	****			
18	0.4842	8	9.8	*****			
19	0.7978	15	18.3	*****			
20	1.111	11	13.4	*****			
21	1.425	12	14.6	*****			
22	1.738	6	7.3	*****			
23	2.052	5	6.1	*****			
24	2.366	4	4.9	*****			
25	2.679	0	0.0				
26	2.993	1	1.2	*			
27	3.306	1	1.2	*			
28	3.620	1	1.2	*			
29	3.933	1	1.2	*			
30	4.247	4	4.9	*****			
31	4.561	1	1.2	*			
32	4.874	0	0.0				
33	5.188	0	0.0				
34	5.501	0	0.0				
35	5.815	0	0.0				
36	6.128	0	0.0				
37	6.442	1	1.2	*			
38	6.755	0	0.0				
39	7.069	0	0.0				
40	7.383	0	0.0				
41	7.696	0	0.0				

**TITLES**  
**PROGRAM:** PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 10:55:12

NAME	CD
N	82
X BAR	1.5817
STD DEV	1.2542



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	CD
N	82
X BAR	0.38829E-01
STD DEV	0.43576

GELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2.085	0	0.0				0.8213E-02
3	-1.977	0	0.0				0.1055E-01
4	-1.868	0	0.0				0.1356E-01
5	-1.759	0	0.0				0.1743E-01
6	-1.650	0	0.0				0.2240E-01
7	-1.541	0	0.0				0.2879E-01
8	-1.432	0	0.0				0.3699E-01
9	-1.323	0	0.0				0.4754E-01
10	-1.214	0	0.0				0.6110E-01
11	-1.105	0	9.8	*****			0.7852E-01
12	-0.9961	8	0.0				0.1009
13	-0.8872	0	0.0				0.1297
14	-0.7782	0	0.0				0.1666
15	-0.6693	0	0.0				0.2142
16	-0.5603	2	2.4	**			0.2752
17	-0.4514	1	1.2	*			0.3537
18	-0.3425	3	3.7	****			0.4545
19	-0.2335	5	6.1	*****			0.5841
20	-0.1246	9	11.0	*****			0.7506
21	-0.1564E-01	11	13.4	*****			0.9646
22	0.9330E-01	12	14.6	*****			1.240
23	0.2022	12	14.6	*****			1.593
24	0.3112	9	11.0	*****			2.047
25	0.4201	1	1.2	*			2.631
26	0.5291	4	4.9	*****			3.381
27	0.6380	4	4.9	*****			4.345
28	0.7469	1	1.2	*			5.584
29	0.8559	0	0.0				7.176
30	0.9648	0	0.0				9.222
31	1.074	0	0.0				11.85
32	1.183	0	0.0				15.23
33	1.292	0	0.0				19.57
34	1.401	0	0.0				25.15
35	1.510	0	0.0				32.32
36	1.618	0	0.0				41.54
37	1.727	0	0.0				53.38
38	1.836	0	0.0				68.60
39	1.945	0	0.0				88.16
40	2.054	0	0.0				113.3
41	2.163	0	0.0				145.6

T I T L E S	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	CD
N	82
X BAR	0.38829E-01
STD DEV	0.43576

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT
1	1.101	0	0.0	*			12.62
2	1.047	0	0.0	*			11.13
3	0.9921	0	0.0	*			9.819
4	0.9376	0	0.0	*			8.661
5	0.8831	0	0.0	*			7.640
6	0.8286	0	0.0	*			6.740
7	0.7742	1	1.2	*			5.945
8	0.7197	0	1.2	*			5.245
9	0.6652	1	2.4	*			4.626
10	0.6108	5	8.5	*			4.081
11	0.5563	1	9.8	*			3.600
12	0.5018	1	11.0	*			3.176
13	0.4474	1	12.2	*			2.801
14	0.3929	3	15.9	*			2.471
15	0.3384	5	22.0	*			2.180
16	0.2839	2	24.4	*			1.923
17	0.2295	8	34.1	*			1.696
18	0.1750	9	45.1	*			1.496
19	0.1205	5	51.2	*			1.320
20	0.6607E-01	6	58.5	*			1.164
21	0.1160E-01	2	61.0	*			1.027
22	-0.4287E-01	4	65.9	*			0.9060
23	-0.9734E-01	9	76.8	*			0.7992
24	-0.1518	0	76.8	*			0.7050
25	-0.2063	4	81.7	*			0.6219
26	-0.2608	1	82.9	*			0.5486
27	-0.3152	3	86.6	*			0.4839
28	-0.3697	0	86.6	*			0.4269
29	-0.4242	1	87.8	*			0.3766
30	-0.4786	0	87.8	*			0.3322
31	-0.5331	2	90.2	*			0.2930
32	-0.5876	0	90.2	*			0.2585
33	-0.6420	0	90.2	*			0.2280
34	-0.6965	0	90.2	*			0.2011
35	-0.7510	0	90.2	*			0.1774
36	-0.8055	0	90.2	*			0.1565
37	-0.8599	0	90.2	*			0.1381
38	-0.9144	0	90.2	*			0.1218
39	-0.9689	0	90.2	*			0.1074
40	-1.023	8	100.0	*			0.9477E-01
41		0	100.0	*			

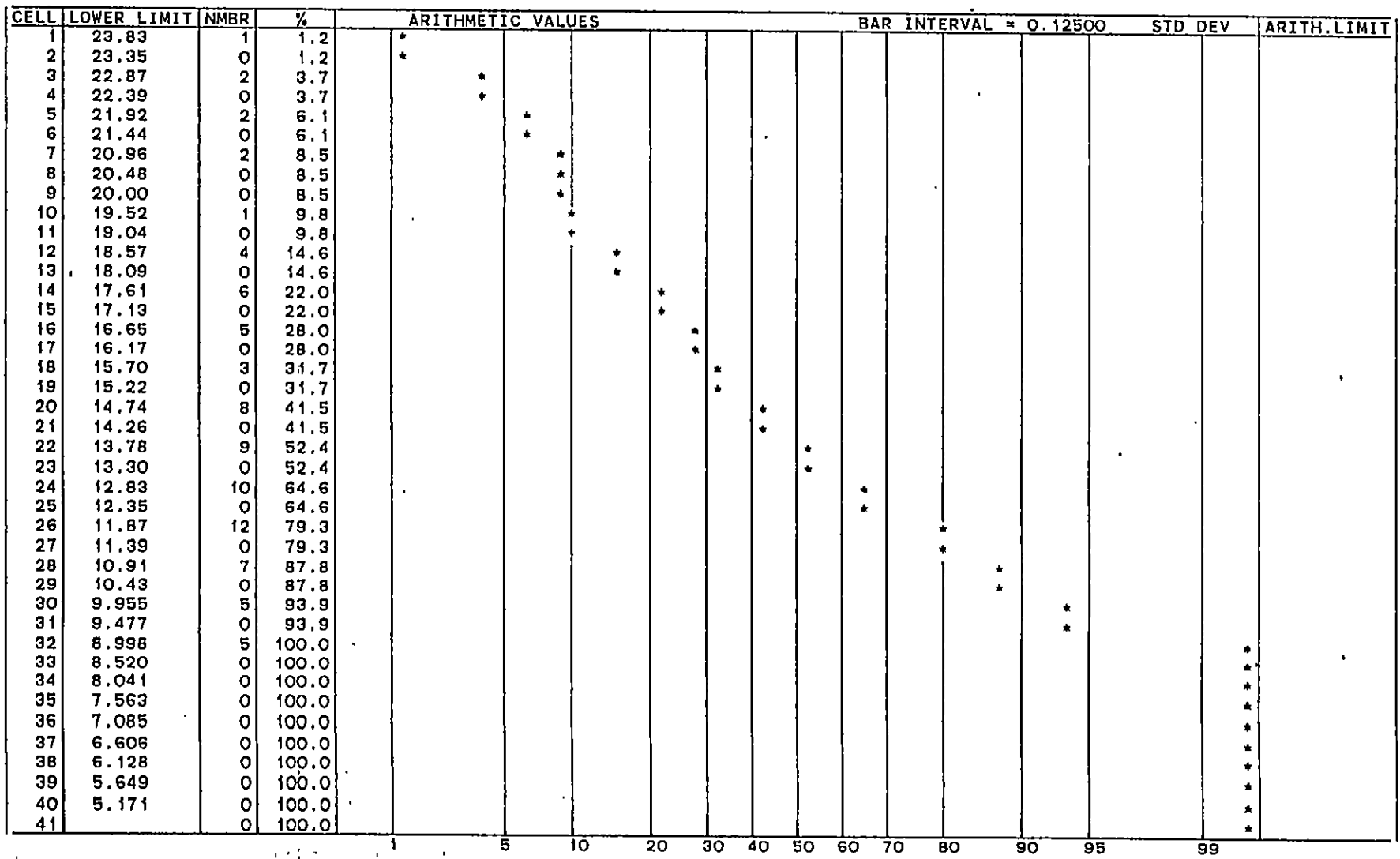
T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	CO
N	82
X BAR	14.500
STD DEV	3.8273

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-4.158	0	0.0				
3	-3.201	0	0.0				
4	-2.244	0	0.0				
5	-1.288	0	0.0				
6	-0.3307	0	0.0				
7	0.6261	0	0.0				
8	1.583	0	0.0				
9	2.540	0	0.0				
10	3.497	0	0.0				
11	4.453	0	0.0				
12	5.410	0	0.0				
13	6.367	0	0.0				
14	7.324	0	0.0				
15	8.281	5	6.1	*****			
16	9.237	5	6.1	*****			
17	10.19	7	8.5	*****			
18	11.15	12	14.6	*****			
19	12.11	10	12.2	*****			
20	13.06	9	11.0	*****			
21	14.02	0	0.0				
22	14.98	8	9.8	*****			
23	15.94	3	3.7	****			
24	16.89	5	6.1	*****			
25	17.85	6	7.3	*****			
26	18.81	4	4.9	*****			
27	19.76	1	1.2	*			
28	20.72	2	2.4	**			
29	21.68	2	2.4	**			
30	22.63	2	2.4	**			
31	23.59	0	0.0				
32	24.55	0	0.0				
33	25.50	0	0.0				
34	26.46	0	0.0				
35	27.42	1	1.2	*			
36	28.37	0	0.0				
37	29.33	0	0.0				
38	30.29	0	0.0				
39	31.24	0	0.0				
40	32.20	0	0.0				
41	33.16	0	0.0				

TITLE	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H. TYSSELAND. GEOCHEMISTRY
	RUN:	PRODUCED FOR H. TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	CO
N	82
X BAR	14.500
STD DEV	3.8273



T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	CO
N	82
X BAR	1.1474
STD DEV	0.10963

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	0.6130	0	0.0				
3	0.6404	0	0.0				4.102
4	0.6678	0	0.0				4.369
5	0.6952	0	0.0				4.654
6	0.7226	0	0.0				4.957
7	0.7500	0	0.0				5.280
8	0.7774	0	0.0				5.623
9	0.8048	0	0.0				5.990
10	0.8322	0	0.0				6.380
11	0.8596	0	0.0				6.795
12	0.8870	0	0.0				7.238
13	0.9144	0	0.0				7.710
14	0.9418	5	6.1	*****			8.212
15	0.9693	0	0.0				8.747
16	0.9967	5	6.1	*****			9.316
17	1.024	7	8.5	*****			9.923
18	1.051	0	0.0				10.57
19	1.079	12	14.6	*****			11.26
20	1.106	10	12.2	*****			11.99
21	1.134	9	11.0	*****			12.77
22	1.161	8	9.8	*****			13.60
23	1.188	3	3.7	****			14.49
24	1.216	5	6.1	*****			15.43
25	1.243	6	7.3	*****			16.44
26	1.271	4	4.9	****			17.51
27	1.298	3	3.7	****			18.65
28	1.326	2	2.4	**			19.87
29	1.353	2	2.4	**			21.16
30	1.380	0	0.0				22.54
31	1.408	0	0.0				24.01
32	1.435	1	1.2	*			25.57
33	1.463	0	0.0				27.24
34	1.490	0	0.0				29.01
35	1.517	0	0.0				30.90
36	1.545	0	0.0				32.91
37	1.572	0	0.0				35.06
38	1.600	0	0.0				37.34
39	1.627	0	0.0				39.77
40	1.654	0	0.0				42.36
41	1.682	0	0.0				45.12
							48.06



T	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
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L	DATA:	H.TYSSELAND GEOCHEMISTRY
E	RUN:	PRODUCED FOR H.TYSSELAND
S	TIME:	30/08/82 10:55:12

NAME	CO
N	82
X BAR	1.1474
STD DEV	0.10963

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT		
1	1.415	1	1.2	*														25.98
2	1.401	0	1.2	*														25.17
3	1.387	0	1.2	*														24.39
4	1.373	0	1.2	*														23.63
5	1.360	2	3.7		*													22.90
6	1.346	0	3.7		*													22.19
7	1.332	2	6.1		*													21.50
8	1.319	2	8.5		*	*												20.83
9	1.305	0	8.5		*	*												20.18
10	1.291	1	9.8		*													19.56
11	1.278	4	14.6		*	*												18.95
12	1.264	0	14.6		*	*												18.36
13	1.250	6	22.0		*	*	*											17.79
14	1.236	0	22.0		*	*	*											17.24
15	1.223	5	28.0		*	*	*	*										16.70
16	1.209	0	28.0		*	*	*	*										16.18
17	1.195	3	31.7		*	*	*	*	*									15.68
18	1.182	0	31.7		*	*	*	*	*									15.19
19	1.168	8	41.5		*	*	*	*	*	*								14.72
20	1.154	0	41.5		*	*	*	*	*	*								14.26
21	1.141	9	52.4		*	*	*	*	*	*	*							13.82
22	1.127	0	52.4		*	*	*	*	*	*	*							13.39
23	1.113	10	64.6		*	*	*	*	*	*	*	*						12.98
24	1.099	0	64.6		*	*	*	*	*	*	*	*						12.57
25	1.086	0	64.6		*	*	*	*	*	*	*	*						12.18
26	1.072	12	79.3		*	*	*	*	*	*	*	*	*					11.80
27	1.058	0	79.3		*	*	*	*	*	*	*	*	*					11.44
28	1.045	0	79.3		*	*	*	*	*	*	*	*	*	*				11.08
29	1.031	7	87.8		*	*	*	*	*	*	*	*	*	*				10.74
30	1.017	0	87.8		*	*	*	*	*	*	*	*	*	*	*			10.40
31	1.004	0	87.8		*	*	*	*	*	*	*	*	*	*	*			10.08
32	0.9898	5	93.9		*	*	*	*	*	*	*	*	*	*	*	*		9.768
33	0.9761	0	93.9		*	*	*	*	*	*	*	*	*	*	*	*		9.465
34	0.9624	0	93.9		*	*	*	*	*	*	*	*	*	*	*	*		9.171
35	0.9487	5	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	8.886
36	0.9350	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	8.610
37	0.9213	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	8.342
38	0.9076	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	8.083
39	0.8939	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	7.832
40	0.8802	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	7.589
41		0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	

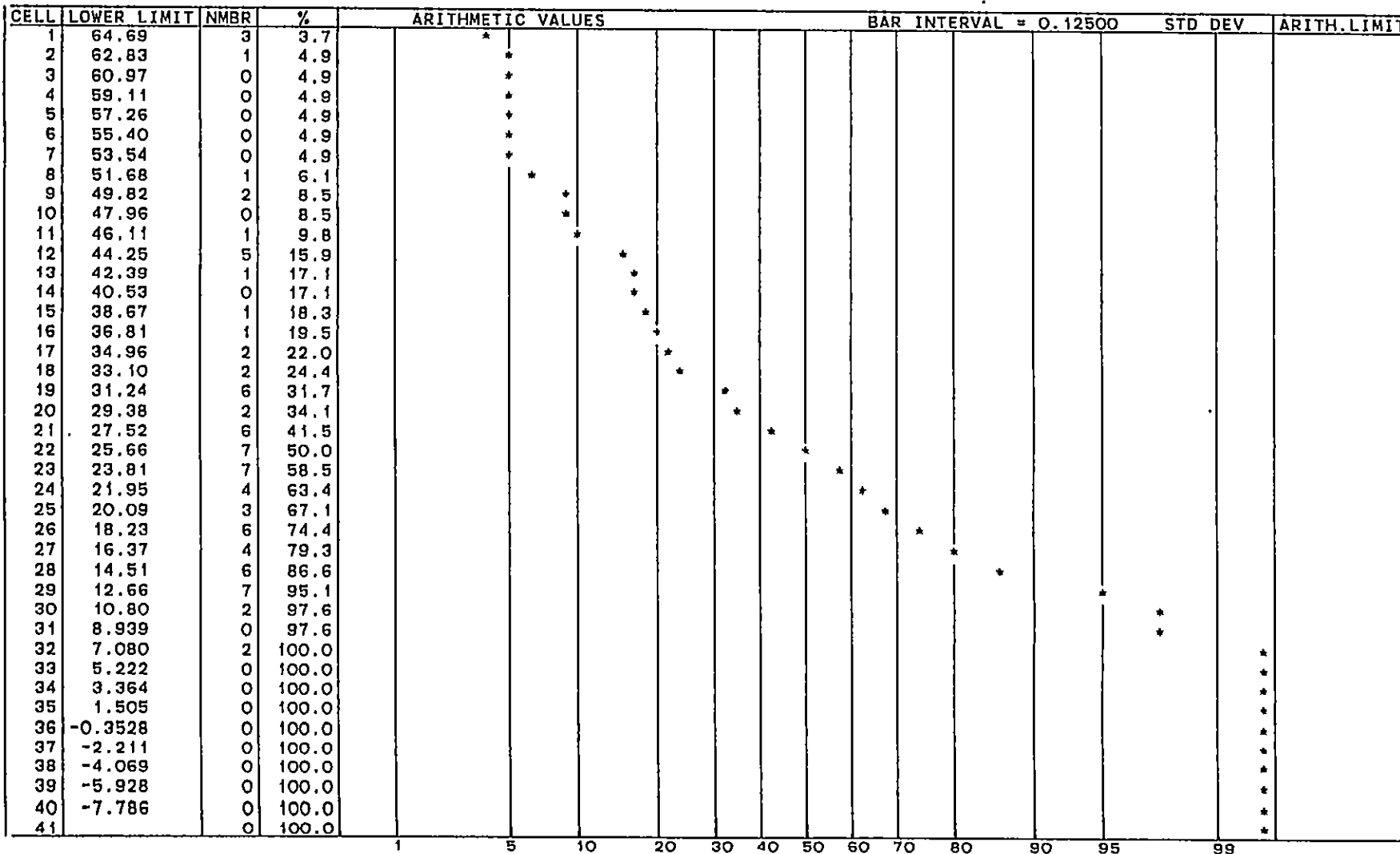
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	CU
N	82
X BAR	28.451
STD DEV	14.867

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-44.02	0	0.0				
3	-40.31	0	0.0				
4	-36.59	0	0.0				
5	-32.87	0	0.0				
6	-29.16	0	0.0				
7	-25.44	0	0.0				
8	-21.72	0	0.0				
9	-18.01	0	0.0				
10	-14.29	0	0.0				
11	-10.57	0	0.0				
12	-6.857	0	0.0				
13	-3.140	0	0.0				
14	0.5764	0	0.0				
15	4.293	2	2.4	**			
16	8.010	2	2.4	**			
17	11.73	8	9.8	*****			
18	15.44	12	14.6	*****			
19	19.16	10	12.2	*****			
20	22.88	10	12.2	*****			
21	26.59	11	13.4	*****			
22	30.31	9	11.0	*****			
23	34.03	2	2.4	**			
24	37.74	2	2.4	**			
25	41.46	3	3.7	****			
26	45.18	4	4.9	****			
27	48.89	3	3.7	****			
28	52.61	0	0.0				
29	56.33	0	0.0				
30	60.04	1	1.2	*			
31	63.76	1	1.2	*			
32	67.48	0	0.0				
33	71.19	1	1.2	*			
34	74.91	0	0.0				
35	78.63	0	0.0				
36	82.34	0	0.0				
37	86.06	0	0.0				
38	89.78	1	1.2	*			
39	93.49	0	0.0				
40	97.21	0	0.0				
41	100.9	0	0.0				

T	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
I		
T		
L	DATA:	H.TYSSELAND GEOCHEMISTRY
E	RUN:	PRODUCED FOR H.TYSSELAND
S	TIME:	30/08/82 10:55:12

NAME	CU
N	82
X BAR	28.451
STD DEV	14.867



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	CU
N	82
X BAR	1.4034
STD DEV	0.20942

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	0.3825	0	0.0				
3	0.4348	0	0.0				2.413
4	0.4872	0	0.0				2.722
5	0.5395	0	0.0				3.070
6	0.5919	0	0.0				3.464
7	0.6442	0	0.0				3.907
8	0.6966	0	0.0				4.408
9	0.7490	0	0.0				4.973
10	0.8013	0	0.0				5.610
11	0.8537	2	2.4	**			6.329
12	0.9060	0	0.0				7.139
13	0.9584	0	0.0				8.054
14	1.011	2	2.4	**			9.086
15	1.063	2	2.4	**			10.25
16	1.115	5	6.1	*****			11.56
17	1.168	6	7.3	*****			13.04
18	1.220	4	4.9	*****			14.72
19	1.272	9	11.0	*****			16.60
20	1.325	4	4.9	*****			18.73
21	1.377	10	12.2	*****			21.13
22	1.430	11	13.4	*****			23.83
23	1.482	9	11.0	*****			26.89
24	1.534	3	3.7	****			30.38
25	1.587	2	2.4	**			34.22
26	1.639	6	7.3	*****			38.60
27	1.691	3	3.7	****			43.55
28	1.744	0	0.0				49.13
29	1.796	2	2.4	**			55.42
30	1.848	1	1.2	*			62.52
31	1.901	0	0.0				70.53
32	1.953	1	1.2	*			79.57
33	2.005	0	0.0				89.76
34	2.058	0	0.0				101.3
35	2.110	0	0.0				114.2
36	2.163	0	0.0				128.9
37	2.215	0	0.0				145.4
38	2.267	0	0.0				164.0
39	2.320	0	0.0				185.0
40	2.372	0	0.0				208.7
41	2.424	0	0.0				235.5
							265.6

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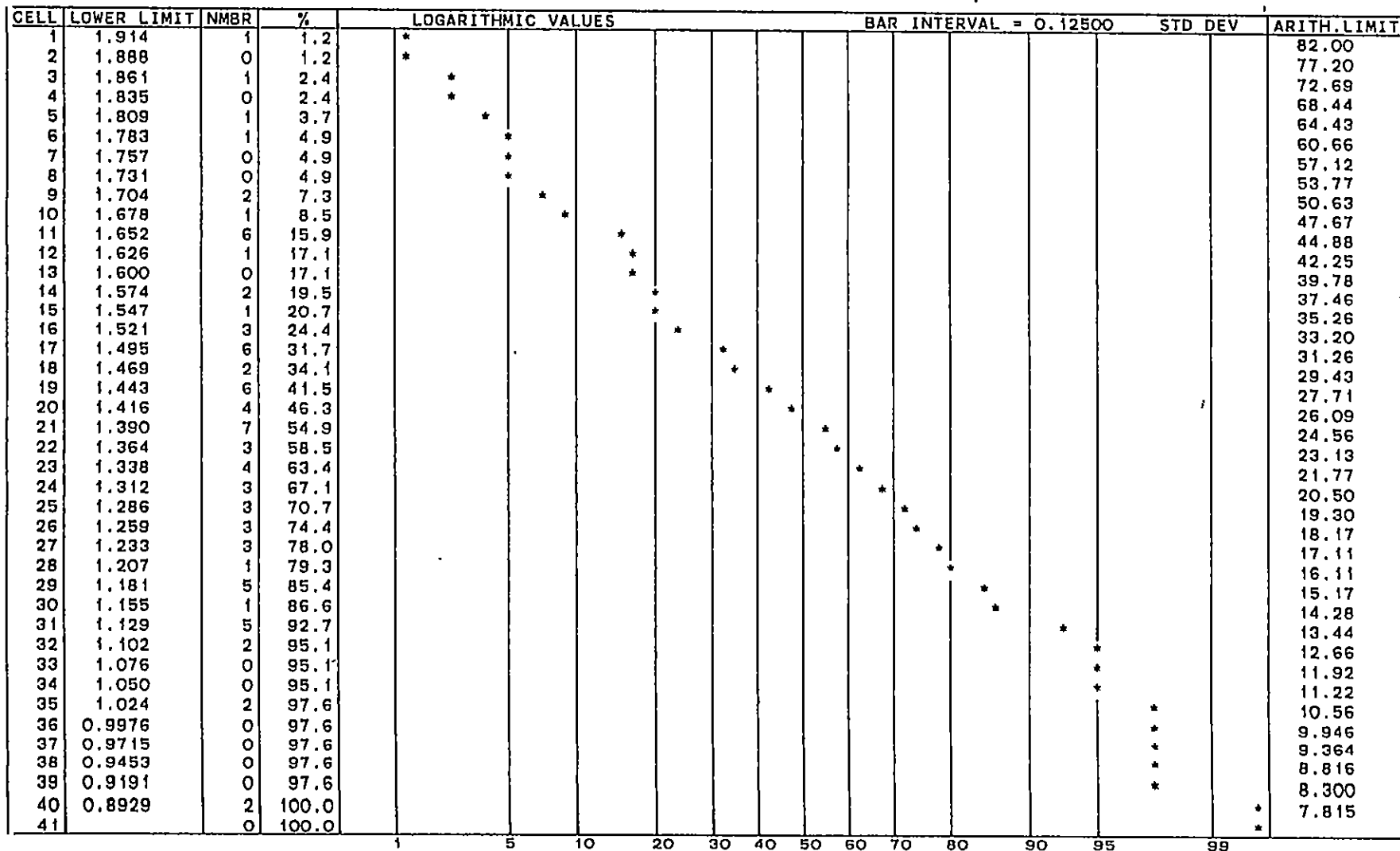
PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS

DATA: H.TYSSELAND GEOCHEMISTRY

RUN: PRODUCED FOR H.TYSSELAND

TIME: 30/08/82 10:55:12

NAME	CU
N	82
X BAR	1.4034
STD DEV	0.20942



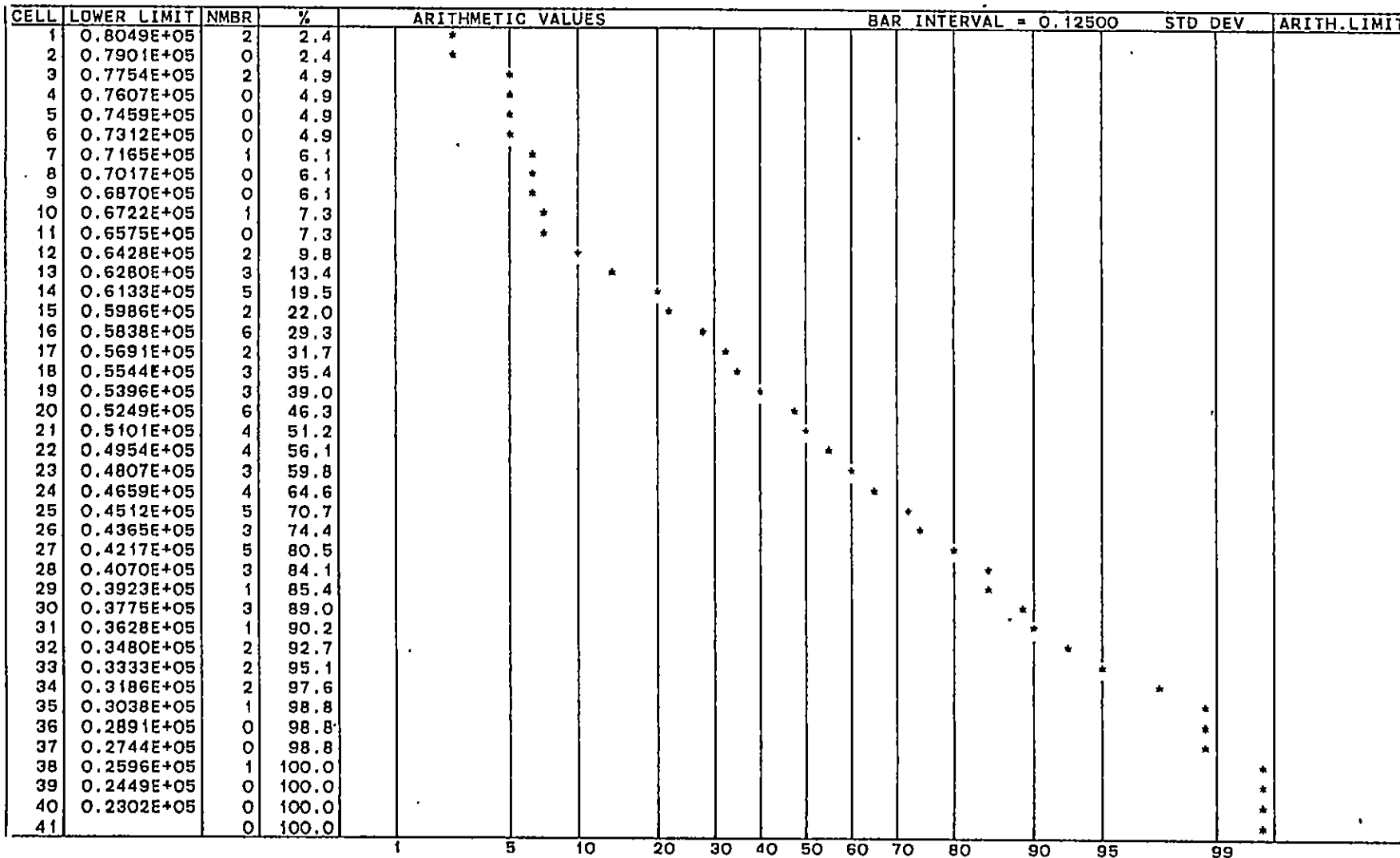
T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	FE
N	82
X BAR	51751.
STD DEV	11789.

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-5720.	0	0.0				
3	-2773.	0	0.0				
4	174.1	0	0.0				
5	3121.	0	0.0				
6	6069.	0	0.0				
7	9016.	0	0.0				
8	0.1196E+05	0	0.0				
9	0.1491E+05	0	0.0				
10	0.1786E+05	0	0.0				
11	0.2080E+05	0	0.0				
12	0.2375E+05	1	1.2	*			
13	0.2670E+05	0	0.0				
14	0.2965E+05	2	2.4	**			
15	0.3259E+05	4	4.9	*****			
16	0.3554E+05	2	2.4	**			
17	0.3849E+05	7	8.5	*****			
18	0.4144E+05	5	6.1	*****			
19	0.4438E+05	11	13.4	*****			
20	0.4733E+05	5	6.1	*****			
21	0.5028E+05	9	11.0	*****			
22	0.5322E+05	8	9.8	*****			
23	0.5617E+05	6	7.3	*****			
24	0.5912E+05	8	9.8	*****			
25	0.6207E+05	8	9.8	*****			
26	0.6501E+05	0	0.0				
27	0.6796E+05	1	1.2	*			
28	0.7091E+05	1	1.2	*			
29	0.7386E+05	0	0.0				
30	0.7680E+05	2	2.4	**			
31	0.7975E+05	0	0.0				
32	0.8270E+05	1	1.2	*			
33	0.8564E+05	1	1.2	*			
34	0.8859E+05	0	0.0				
35	0.9154E+05	0	0.0				
36	0.9449E+05	0	0.0				
37	0.9743E+05	0	0.0				
38	0.1004E+06	0	0.0				
39	0.1033E+06	0	0.0				
40	0.1063E+06	0	0.0				
41	0.1092E+06	0	0.0				

T I T L E S	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 10:55:12

NAME	FE
N	82
X BAR	51751.
STD DEV	11789.



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PROGRAM: PERCENTAGE HISTOGRAMS

DATA: H.TYSSELAND GEOCHEMISTRY

RUN: PRODUCED FOR H.TYSSELAND

TIME: 30/08/82 10:55:12

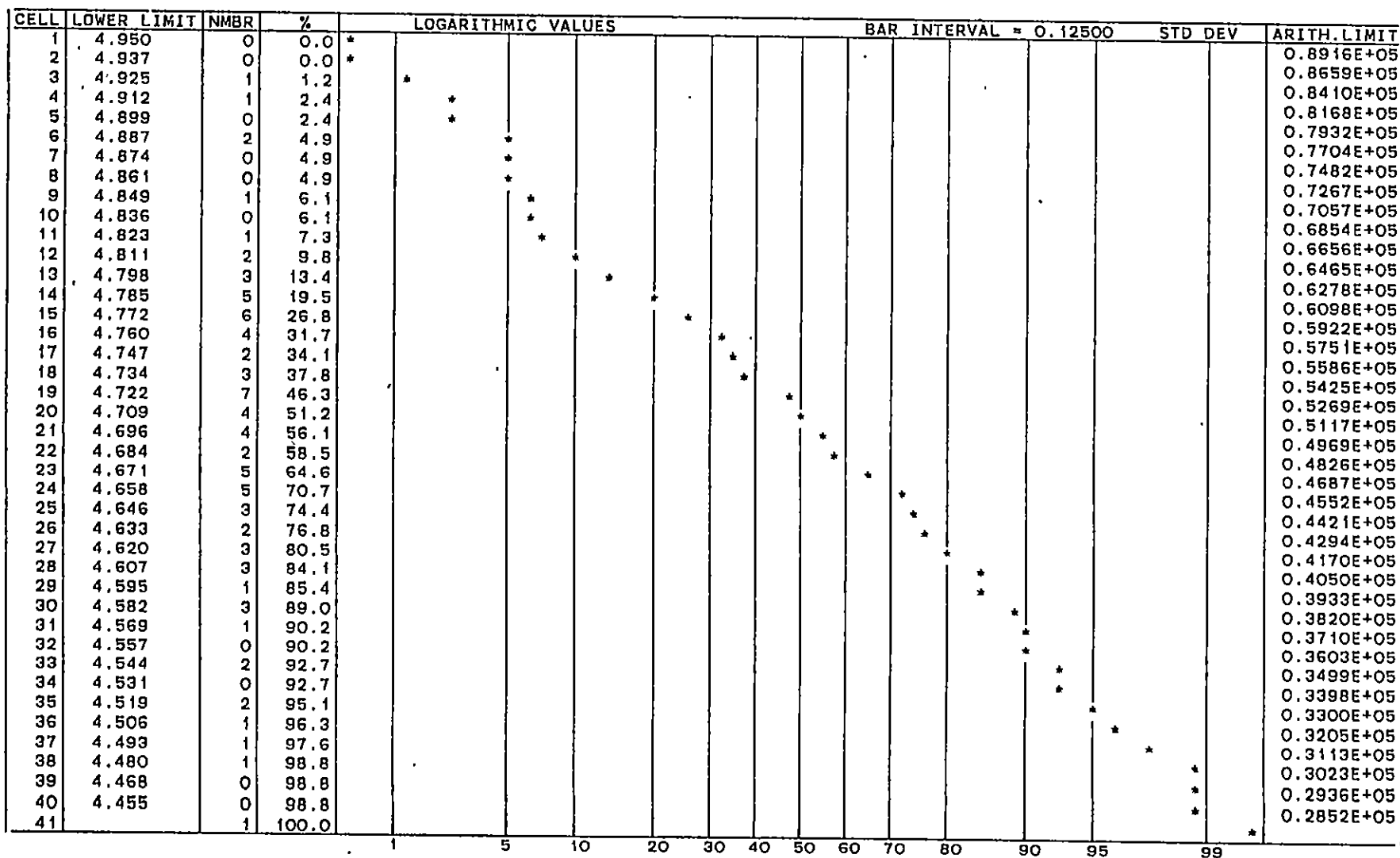
NAME	FE
N	82
X BAR	4.7027
STD DEV	0.10156

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	4.208	0	0.0				
3	4.233	0	0.0				0.1613E+05
4	4.258	0	0.0				0.1710E+05
5	4.284	0	0.0				0.1813E+05
6	4.309	0	0.0				0.1922E+05
7	4.335	0	0.0				0.2038E+05
8	4.360	0	0.0				0.2160E+05
9	4.385	0	0.0				0.2290E+05
10	4.411	1	1.2	*			0.2428E+05
11	4.436	0	0.0				0.2574E+05
12	4.461	0	0.0				0.2729E+05
13	4.487	2	2.4	**			0.2894E+05
14	4.512	3	3.7	****			0.3068E+05
15	4.538	2	2.4	**			0.3253E+05
16	4.563	2	2.4	**			0.3448E+05
17	4.588	5	6.1	*****			0.3656E+05
18	4.614	6	7.3	*****			0.3876E+05
19	4.639	6	7.3	*****			0.4110E+05
20	4.665	8	9.8	*****			0.4357E+05
21	4.690	8	9.8	*****			0.4619E+05
22	4.715	10	12.2	*****			0.4897E+05
23	4.741	5	6.1	*****			0.5192E+05
24	4.766	10	12.2	*****			0.5505E+05
25	4.792	8	9.8	*****			0.5836E+05
26	4.817	1	1.2	*			0.6188E+05
27	4.842	1	1.2	*			0.6560E+05
28	4.868	0	0.0				0.6955E+05
29	4.893	3	3.7	****			0.7374E+05
30	4.918	1	1.2	*			0.7818E+05
31	4.944	0	0.0				0.8288E+05
32	4.969	0	0.0				0.8787E+05
33	4.995	0	0.0				0.9316E+05
34	5.020	0	0.0				0.9877E+05
35	5.045	0	0.0				0.1047E+06
36	5.071	0	0.0				0.1110E+06
37	5.096	0	0.0				0.1177E+06
38	5.122	0	0.0				0.1248E+06
39	5.147	0	0.0				0.1323E+06
40	5.172	0	0.0				0.1403E+06
41	5.198	0	0.0				0.1487E+06
							0.1577E+06



T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 10:55:12

NAME	FE
N	82
X BAR	4.7027
STD DEV	0.10156



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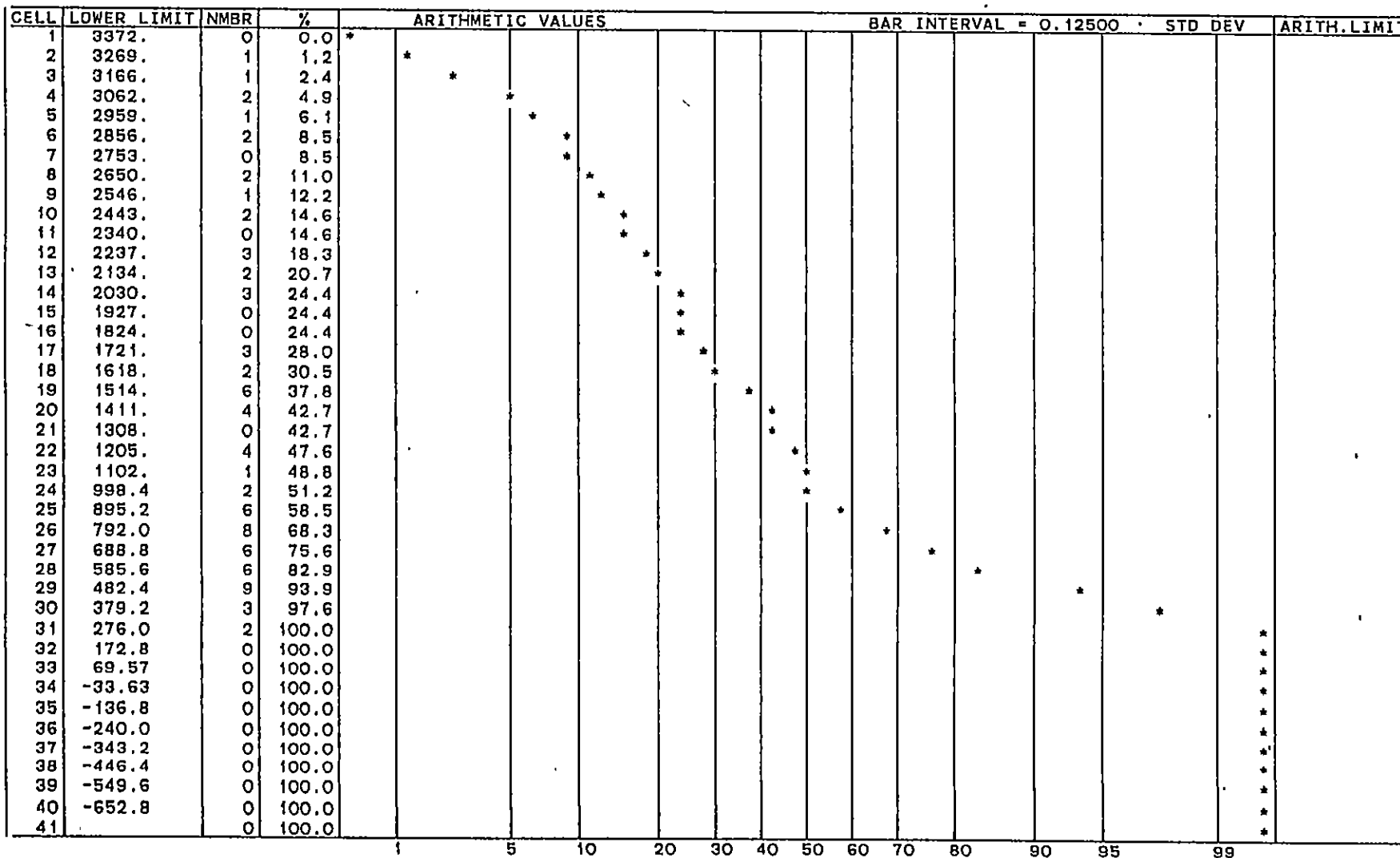
**PROGRAM: PERCENTAGE HISTOGRAMS**  
**DATA: H.TYSSELAND GEOCHEMISTRY**  
**RUN: PRODUCED FOR H.TYSSELAND**  
**TIME: 30/08/82 11:02:11**

NAME	K
N	82
X BAR	1359.5
STD DEV	825.59

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2665.	0	0.0				
3	-2459.	0	0.0				
4	-2252.	0	0.0				
5	-2046.	0	0.0				
6	-1840.	0	0.0				
7	-1633.	0	0.0				
8	-1427.	0	0.0				
9	-1220.	0	0.0				
10	-1014.	0	0.0				
11	-807.6	0	0.0				
12	-601.2	0	0.0				
13	-394.8	0	0.0				
14	-188.4	0	0.0				
15	17.97	0	0.0				
16	224.4	3	3.7	****			
17	430.8	14	17.1	*****			
18	637.2	14	17.1	*****			
19	843.6	9	11.0	*****			
20	1050.	5	6.1	*****			
21	1256.	5	6.1	*****			
22	1463.	7	8.5	*****			
23	1669.	5	6.1	*****			
24	1876.	2	2.4	**			
25	2082.	5	6.1	*****			
26	2288.	2	2.4	**			
27	2495.	3	3.7	****			
28	2701.	2	2.4	**			
29	2908.	2	2.4	**			
30	3114.	4	4.9	*****			
31	3320.	0	0.0				
32	3527.	0	0.0				
33	3733.	0	0.0				
34	3940.	0	0.0				
35	4146.	0	0.0				
36	4352.	0	0.0				
37	4559.	0	0.0				
38	4765.	0	0.0				
39	4971.	0	0.0				
40	5178.	0	0.0				
41	5384.	0	0.0				

T I T L E S	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	K
N	82
X BAR	1359.5
STD DEV	825.59



T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	K
N	82
X BAR	3.0544
STD DEV	0.26625

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	1.756	0	0.0				
3	1.823	0	0.0				57.07
4	1.890	0	0.0				66.52
5	1.956	0	0.0				77.54
6	2.023	0	0.0				90.38
7	2.089	0	0.0				105.3
8	2.156	0	0.0				122.8
9	2.222	0	0.0				143.1
10	2.289	0	0.0				166.8
11	2.355	0	0.0				194.5
12	2.422	0	0.0				226.7
13	2.489	2	2.4	**			264.2
14	2.555	0	0.0				308.0
15	2.622	3	3.7	****			359.0
16	2.688	7	8.5	*****			418.5
17	2.755	7	8.5	*****			487.8
18	2.821	7	8.5	*****			568.6
19	2.888	9	11.0	*****			662.8
20	2.955	5	6.1	*****			772.6
21	3.021	5	6.1	*****			900.5
22	3.088	3	3.7	****			1050.
23	3.154	9	11.0	*****			1224.
24	3.221	5	6.1	*****			1426.
25	3.287	5	6.1	*****			1662.
26	3.354	6	7.3	*****			1938.
27	3.420	5	6.1	*****			2259.
28	3.487	4	4.9	*****			2633.
29	3.554	0	0.0				3069.
30	3.620	0	0.0				3577.
31	3.687	0	0.0				4170.
32	3.753	0	0.0				4861.
33	3.820	0	0.0				5666.
34	3.886	0	0.0				6604.
35	3.953	0	0.0				7698.
36	4.020	0	0.0				8973.
37	4.086	0	0.0				0.1046E+05
38	4.153	0	0.0				0.1219E+05
39	4.219	0	0.0				0.1421E+05
40	4.286	0	0.0				0.1657E+05
41	4.352	0	0.0				0.1931E+05
							0.2251E+05

T I T L E S	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	K
N	82
X BAR	3.0544
STD DEV	0.26625

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT		
1	3.703	0	0.0	*														5051.
2	3.670	0	0.0	*														4678.
3	3.637	0	0.0	*														4333.
4	3.604	0	0.0	*														4013.
5	3.570	0	0.0	*														3717.
6	3.537	0	0.0	*														3443.
7	3.504	2	2.4	*	*													3189.
8	3.470	3	6.1		*	*												2954.
9	3.437	3	9.8		*	*	*											2736.
10	3.404	2	12.2		*	*	*	*										2534.
11	3.371	2	14.6		*	*	*	*	*									2347.
12	3.337	5	20.7		*	*	*	*	*	*								2174.
13	3.304	3	24.4		*	*	*	*	*	*	*							2014.
14	3.271	0	24.4		*	*	*	*	*	*	*	*						1865.
15	3.237	3	28.0		*	*	*	*	*	*	*	*	*					1727.
16	3.204	2	30.5		*	*	*	*	*	*	*	*	*	*				1600.
17	3.171	6	37.8		*	*	*	*	*	*	*	*	*	*	*			1482.
18	3.138	4	42.7		*	*	*	*	*	*	*	*	*	*	*	*		1373.
19	3.104	0	42.7		*	*	*	*	*	*	*	*	*	*	*	*		1271.
20	3.071	4	47.6		*	*	*	*	*	*	*	*	*	*	*	*	*	1178.
21	3.038	1	48.8		*	*	*	*	*	*	*	*	*	*	*	*	*	1091.
22	3.004	2	51.2		*	*	*	*	*	*	*	*	*	*	*	*	*	1010.
23	2.971	2	53.7		*	*	*	*	*	*	*	*	*	*	*	*	*	935.7
24	2.938	6	61.0		*	*	*	*	*	*	*	*	*	*	*	*	*	866.7
25	2.905	5	67.1		*	*	*	*	*	*	*	*	*	*	*	*	*	802.8
26	2.871	3	70.7		*	*	*	*	*	*	*	*	*	*	*	*	*	743.6
27	2.838	4	75.6		*	*	*	*	*	*	*	*	*	*	*	*	*	688.7
28	2.805	3	79.3		*	*	*	*	*	*	*	*	*	*	*	*	*	637.9
29	2.771	3	82.9		*	*	*	*	*	*	*	*	*	*	*	*	*	590.8
30	2.738	2	85.4		*	*	*	*	*	*	*	*	*	*	*	*	*	547.3
31	2.705	4	90.2		*	*	*	*	*	*	*	*	*	*	*	*	*	506.9
32	2.672	3	93.9		*	*	*	*	*	*	*	*	*	*	*	*	*	469.5
33	2.638	2	96.3		*	*	*	*	*	*	*	*	*	*	*	*	*	434.9
34	2.605	1	97.6		*	*	*	*	*	*	*	*	*	*	*	*	*	402.8
35	2.572	0	97.6		*	*	*	*	*	*	*	*	*	*	*	*	*	373.1
36	2.538	1	98.8		*	*	*	*	*	*	*	*	*	*	*	*	*	345.5
37	2.505	1	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	320.0
38	2.472	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	296.4
39	2.439	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	274.6
40	2.405	0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	254.3
41		0	100.0		*	*	*	*	*	*	*	*	*	*	*	*	*	

**TITLES**  
 PROGRAM: PERCENTAGE HISTOGRAMS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	MG
N	82
X BAR	5327.2
STD DEV	3986.0

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-0.1410E+05	0	0.0				
3	-0.1311E+05	0	0.0				
4	-0.1211E+05	0	0.0				
5	-0.1111E+05	0	0.0				
6	-0.1012E+05	0	0.0				
7	-9122.	0	0.0				
8	-8125.	0	0.0				
9	-7129.	0	0.0				
10	-6132.	0	0.0				
11	-5136.	0	0.0				
12	-4139.	0	0.0				
13	-3143.	0	0.0				
14	-2146.	0	0.0				
15	-1150.	0	0.0				
16	-153.5	0	0.0				
17	843.0	7	8.5	*****			
18	1839.	18	22.0	*****			
19	2836.	12	14.6	*****			
20	3832.	5	6.1	*****			
21	4829.	10	12.2	*****			
22	5825.	10	12.2	*****			
23	6822.	8	9.8	*****			
24	7818.	3	3.7	****			
25	8815.	2	2.4	**			
26	9811.	1	1.2	*			
27	0.1081E+05	1	1.2	*			
28	0.1180E+05	3	3.7	****			
29	0.1280E+05	0	0.0				
30	0.1380E+05	0	0.0				
31	0.1479E+05	0	0.0				
32	0.1579E+05	0	0.0				
33	0.1679E+05	1	1.2	*			
34	0.1778E+05	0	0.0				
35	0.1878E+05	0	0.0				
36	0.1978E+05	0	0.0				
37	0.2077E+05	0	0.0				
38	0.2177E+05	0	0.0				
39	0.2277E+05	0	0.0				
40	0.2376E+05	0	0.0				
41	0.2476E+05	1	1.2	*			



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	MG
N	82
X BAR	3.6347
STD DEV	0.27985

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	2.270	0	0.0				
3	2.340	0	0.0				186.4
4	2.410	0	0.0				219.0
5	2.480	0	0.0				257.2
6	2.550	0	0.0				302.2
7	2.620	0	0.0				355.0
8	2.690	0	0.0				417.1
9	2.760	0	0.0				490.0
10	2.830	0	0.0				575.6
11	2.900	0	0.0				676.3
12	2.970	1	1.2 *				794.5
13	3.040	0	0.0				933.4
14	3.110	1	1.2 *				1096.
15	3.180	3	3.7 ****				1288.
16	3.250	7	8.5 *****				1513.
17	3.320	9	11.0 *****				1778.
18	3.390	4	4.9 *****				2089.
19	3.460	10	12.2 *****				2454.
20	3.530	3	3.7 ****				2883.
21	3.600	2	2.4 **				3386.
22	3.670	8	9.8 *****				3978.
23	3.740	8	9.8 *****				4674.
24	3.810	13	15.9 *****				5491.
25	3.880	4	4.9 *****				6451.
26	3.950	3	3.7 ****				7578.
27	4.019	2	2.4 **				8903.
28	4.089	2	2.4 **				0.1046E+05
29	4.159	0	0.0				0.1229E+05
30	4.229	1	1.2 *				0.1443E+05
31	4.299	0	0.0				0.1696E+05
32	4.369	0	0.0				0.1992E+05
33	4.439	1	1.2 *				0.2340E+05
34	4.509	0	0.0				0.2750E+05
35	4.579	0	0.0				0.3230E+05
36	4.649	0	0.0				0.3795E+05
37	4.719	0	0.0				0.4458E+05
38	4.789	0	0.0				0.5237E+05
39	4.859	0	0.0				0.6153E+05
40	4.929	0	0.0				0.7228E+05
41	4.999	0	0.0				0.8492E+05
							0.9976E+05



T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	MG
N	82
X BAR	3.6347
STD DEV	0.27985

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT
1	4.317	1	1.2	*			0.2074E+05
2	4.282	0	1.2	*			0.1914E+05
3	4.247	0	1.2	*			0.1765E+05
4	4.212	1	2.4	*			0.1629E+05
5	4.177	0	2.4	*			0.1503E+05
6	4.142	0	2.4	*			0.1386E+05
7	4.107	0	2.4	*			0.1279E+05
8	4.072	3	6.1	*			0.1180E+05
9	4.037	1	7.3	*			0.1089E+05
10	4.002	1	8.5	*			0.1005E+05
11	3.967	1	9.8	*			9268.
12	3.932	2	12.2	*			8551.
13	3.897	2	14.6	*			7889.
14	3.862	6	22.0	*			7279.
15	3.827	4	26.8	*			6716.
16	3.792	4	31.7	*			6196.
17	3.757	6	39.0	*			5716.
18	3.722	4	43.9	*			5274.
19	3.687	4	48.8	*			4866.
20	3.652	3	52.4	*			4489.
21	3.617	0	52.4	*			4142.
22	3.582	2	54.9	*			3821.
23	3.547	1	56.1	*			3526.
24	3.512	5	62.2	*			3253.
25	3.477	4	67.1	*			3001.
26	3.442	3	70.7	*			2769.
27	3.407	2	73.2	*			2555.
28	3.372	2	75.6	*			2357.
29	3.337	5	81.7	*			2174.
30	3.302	4	86.6	*			2006.
31	3.267	4	91.5	*			1851.
32	3.232	3	95.1	*			1708.
33	3.197	2	97.6	*			1576.
34	3.162	0	97.6	*			1454.
35	3.127	1	98.8	*			1341.
36	3.092	0	98.8	*			1237.
37	3.058	0	98.8	*			1142.
38	3.023	1	100.0	*			1053.
39	2.988	0	100.0	*			971.7
40	2.953	0	100.0	*			896.5
41		0	100.0	*			



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**PROGRAM: PERCENTAGE HISTOGRAMS**  
**DATA: H.TYSSELAND GEOCHEMISTRY**  
**RUN: PRODUCED FOR H.TYSSELAND**  
**TIME: 30/08/82 11:02:11**

NAME	MN
N	82
X BAR	2.9509
STD DEV	0.30673

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH. LIMIT
1		0	0.0				
2	1.456	0	0.0				
3	1.532	0	0.0				28.55
4	1.609	0	0.0				34.06
5	1.686	0	0.0				40.64
6	1.762	0	0.0				48.49
7	1.839	0	0.0				57.85
8	1.916	0	0.0				69.02
9	1.992	0	0.0				82.35
10	2.069	0	0.0				98.25
11	2.146	1	1.2 *				117.2
12	2.222	0	0.0				139.9
13	2.299	1	1.2 *				166.9
14	2.376	2	2.4 **				199.1
15	2.452	2	2.4 **				237.6
16	2.529	4	4.9 *****				283.4
17	2.606	7	8.5 *****				338.2
18	2.682	7	8.5 *****				403.5
19	2.759	2	2.4 **				481.4
20	2.836	12	14.6 *****				574.3
21	2.913	10	12.2 *****				685.2
22	2.989	6	7.3 *****				817.6
23	3.066	7	8.5 *****				975.4
24	3.143	5	6.1 *****				1164.
25	3.219	5	6.1 *****				1389.
26	3.296	1	1.2 *				1657.
27	3.373	5	6.1 *****				1977.
28	3.449	2	2.4 **				2358.
29	3.526	2	2.4 **				2814.
30	3.603	1	1.2 *				3357.
31	3.679	0	0.0				4005.
32	3.756	0	0.0				4779.
33	3.833	0	0.0				5702.
34	3.909	0	0.0				6803.
35	3.986	0	0.0				8117.
36	4.063	0	0.0				9684.
37	4.139	0	0.0				0.1155E+05
38	4.216	0	0.0				0.1379E+05
39	4.293	0	0.0				0.1645E+05
40	4.369	0	0.0				0.1962E+05
41	4.446	0	0.0				0.2341E+05
							0.2793E+05

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PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS

DATA: H.TYSSELAND GEOCHEMISTRY

RUN: PRODUCED FOR H.TYSSELAND

TIME: 30/08/82 11:02:11

NAME	MN
N	82
X BAR	2.9509
STD DEV	0.30673

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT
1	3.699	0	0.0	*			4995.
2	3.660	0	0.0	*			4573.
3	3.622	1	1.2	*			4186.
4	3.583	0	1.2	*			3833.
5	3.545	1	2.4	*			3509.
6	3.507	3	6.1	*			3212.
7	3.468	0	6.1	*			2941.
8	3.430	2	8.5	*			2692.
9	3.392	2	11.0	*			2465.
10	3.353	1	12.2	*			2257.
11	3.315	1	13.4	*			2066.
12	3.277	2	15.9	*			1891.
13	3.238	2	18.3	*			1732.
14	3.200	2	20.7	*			1585.
15	3.162	3	24.4	*			1451.
16	3.123	1	25.6	*			1329.
17	3.085	5	31.7	*			1216.
18	3.047	3	35.4	*			1114.
19	3.008	2	37.8	*			1019.
20	2.970	6	45.1	*			933.3
21	2.932	5	51.2	*			854.5
22	2.893	6	58.5	*			782.3
23	2.855	4	63.4	*			716.2
24	2.817	5	69.5	*			655.7
25	2.778	1	70.7	*			600.3
26	2.740	1	72.0	*			549.5
27	2.702	4	76.8	*			503.1
28	2.663	2	79.3	*			460.6
29	2.625	6	86.6	*			421.7
30	2.587	2	89.0	*			386.0
31	2.548	2	91.5	*			353.4
32	2.510	1	92.7	*			323.6
33	2.472	2	95.1	*			296.2
34	2.433	1	96.3	*			271.2
35	2.395	0	96.3	*			248.3
36	2.357	1	97.6	*			227.3
37	2.318	1	98.8	*			208.1
38	2.280	0	98.8	*			190.5
39	2.242	0	98.8	*			174.4
40	2.203	0	98.8	*			159.7
41		1	100.0	*			

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 I PROGRAM: PERCENTAGE HISTOGRAMS  
 T  
 L DATA: H.TYSSELAND GEOCHEMISTRY  
 E RUN: PRODUCED FOR H.TYSSELAND  
 S TIME: 30/08/82 11:02:11

NAME	MO
N	82
X BAR	1.2195
STD DEV	0.70316

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2.208	0	0.0				
3	-2.033	0	0.0				
4	-1.857	0	0.0				
5	-1.681	0	0.0				
6	-1.505	0	0.0				
7	-1.329	0	0.0				
8	-1.154	0	0.0				
9	-0.9778	0	0.0				
10	-0.8021	0	0.0				
11	-0.6263	0	0.0				
12	-0.4505	0	0.0				
13	-0.2747	0	0.0				
14	-0.9890E-01	0	0.0				
15	0.7689E-01	0	0.0				
16	0.2527	0	0.0				
17	0.4285	0	0.0				
18	0.6043	0	0.0				
19	0.7800	0	0.0				
20	0.9558	73	89.0	*****			
21	1.132	0	0.0				
22	1.307	0	0.0				
23	1.483	0	0.0				
24	1.659	0	0.0				
25	1.835	3	3.7	****			
26	2.011	0	0.0				
27	2.186	0	0.0				
28	2.362	0	0.0				
29	2.538	0	0.0				
30	2.714	0	0.0				
31	2.890	4	4.9	*****			
32	3.065	0	0.0				
33	3.241	0	0.0				
34	3.417	0	0.0				
35	3.593	0	0.0				
36	3.768	0	0.0				
37	3.944	1	1.2	*			
38	4.120	0	0.0				
39	4.296	0	0.0				
40	4.472	0	0.0				
41	4.647	1	1.2	*			

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	MO
N	82
X BAR	1.2195
STD DEV	0.70316

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH.LIMIT	
1	2.933	6	7.3	*													
2	2.846	0	7.3	*													
3	2.758	0	7.3	*													
4	2.670	0	7.3	*													
5	2.582	0	7.3	*													
6	2.494	0	7.3	*													
7	2.406	0	7.3	*													
8	2.318	0	7.3	*													
9	2.230	0	7.3	*													
10	2.142	0	7.3	*													
11	2.055	0	7.3	*													
12	1.967	3	11.0	*													
13	1.879	0	11.0	*													
14	1.791	0	11.0	*													
15	1.703	0	11.0	*													
16	1.615	0	11.0	*													
17	1.527	0	11.0	*													
18	1.439	0	11.0	*													
19	1.351	0	11.0	*													
20	1.263	0	11.0	*													
21	1.176	0	11.0	*													
22	1.088	0	11.0	*													
23	0.9998	73	100.0														*
24	0.9119	0	100.0														*
25	0.8240	0	100.0														*
26	0.7361	0	100.0														*
27	0.6482	0	100.0														*
28	0.5603	0	100.0														*
29	0.4724	0	100.0														*
30	0.3845	0	100.0														*
31	0.2966	0	100.0														*
32	0.2087	0	100.0														*
33	0.1208	0	100.0														*
34	0.3294E-01	0	100.0														*
35	-0.5496E-01	0	100.0														*
36	-0.1429	0	100.0														*
37	-0.2307	0	100.0														*
38	-0.3186	0	100.0														*
39	-0.4065	0	100.0														*
40	-0.4944	0	100.0														*
41		0	100.0														*

**TITLES**  
 PROGRAM: PERCENTAGE HISTOGRAMS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	MO
N	82
X BAR	0.50154E-01
STD DEV	0.15019

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-0.6820	0	0.0				0.2080
3	-0.6445	0	0.0				0.2267
4	-0.6069	0	0.0				0.2472
5	-0.5694	0	0.0				0.2695
6	-0.5318	0	0.0				0.2939
7	-0.4943	0	0.0				0.3204
8	-0.4567	0	0.0				0.3493
9	-0.4192	0	0.0				0.3809
10	-0.3817	0	0.0				0.4153
11	-0.3441	0	0.0				0.4528
12	-0.3066	0	0.0				0.4937
13	-0.2690	0	0.0				0.5383
14	-0.2315	0	0.0				0.5869
15	-0.1939	0	0.0				0.6399
16	-0.1564	0	0.0				0.6977
17	-0.1188	0	0.0				0.7607
18	-0.8126E-01	0	0.0				0.8293
19	-0.4372E-01	0	0.0				0.9042
20	-0.6168E-02	73	89.0	*****			0.9859
21	0.3138E-01	0	0.0				1.075
22	0.6893E-01	0	0.0				1.172
23	0.1065	0	0.0				1.278
24	0.1440	0	0.0				1.393
25	0.1816	0	0.0				1.519
26	0.2191	0	0.0				1.656
27	0.2567	0	0.0				1.806
28	0.2942	3	3.7	****			1.969
29	0.3318	0	0.0				2.147
30	0.3693	0	0.0				2.341
31	0.4069	0	0.0				2.552
32	0.4444	4	4.9	*****			2.782
33	0.4820	0	0.0				3.034
34	0.5195	0	0.0				3.308
35	0.5571	0	0.0				3.606
36	0.5946	1	1.2	*			3.932
37	0.6322	0	0.0				4.287
38	0.6697	1	1.2	*			4.674
39	0.7073	0	0.0				5.096
40	0.7448	0	0.0				5.556
41	0.7823	0	0.0				6.058

**T I T L E S**  
**PROGRAM:** PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 11:02:11

NAME	MO
N	82
X BAR	0.50154E-01
STD DEV	0.15019

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH.LIMIT	
1	0.4162	6	7.3			*											2.608
2	0.3975	0	7.3			*											2.497
3	0.3787	0	7.3			*											2.392
4	0.3599	0	7.3			*											2.290
5	0.3412	0	7.3			*											2.194
6	0.3224	0	7.3			*											2.101
7	0.3036	0	7.3			*											2.012
8	0.2848	3	11.0			*											1.927
9	0.2661	0	11.0			*											1.845
10	0.2473	0	11.0			*											1.767
11	0.2285	0	11.0			*											1.692
12	0.2097	0	11.0			*											1.621
13	0.1910	0	11.0			*											1.552
14	0.1722	0	11.0			*											1.487
15	0.1534	0	11.0			*											1.424
16	0.1346	0	11.0			*											1.363
17	0.1159	0	11.0			*											1.306
18	0.9709E-01	0	11.0			*											1.251
19	0.7832E-01	0	11.0			*											1.198
20	0.5954E-01	0	11.0			*											1.147
21	0.4077E-01	0	11.0			*											1.098
22	0.2199E-01	0	11.0			*											1.052
23	0.3219E-02	0	11.0			*											1.007
24	-0.1556E-01	73	100.0													*	0.9648
25	-0.3433E-01	0	100.0													*	0.9240
26	-0.5310E-01	0	100.0													*	0.8849
27	-0.7188E-01	0	100.0													*	0.8475
28	-0.9065E-01	0	100.0													*	0.8116
29	-0.1094	0	100.0													*	0.7773
30	-0.1282	0	100.0													*	0.7444
31	-0.1470	0	100.0													*	0.7129
32	-0.1657	0	100.0													*	0.6827
33	-0.1845	0	100.0													*	0.6538
34	-0.2033	0	100.0													*	0.6262
35	-0.2221	0	100.0													*	0.5997
36	-0.2408	0	100.0													*	0.5743
37	-0.2596	0	100.0													*	0.5500
38	-0.2784	0	100.0													*	0.5268
39	-0.2972	0	100.0													*	0.5045
40	-0.3159	0	100.0													*	0.4831
41		0	100.0													*	



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

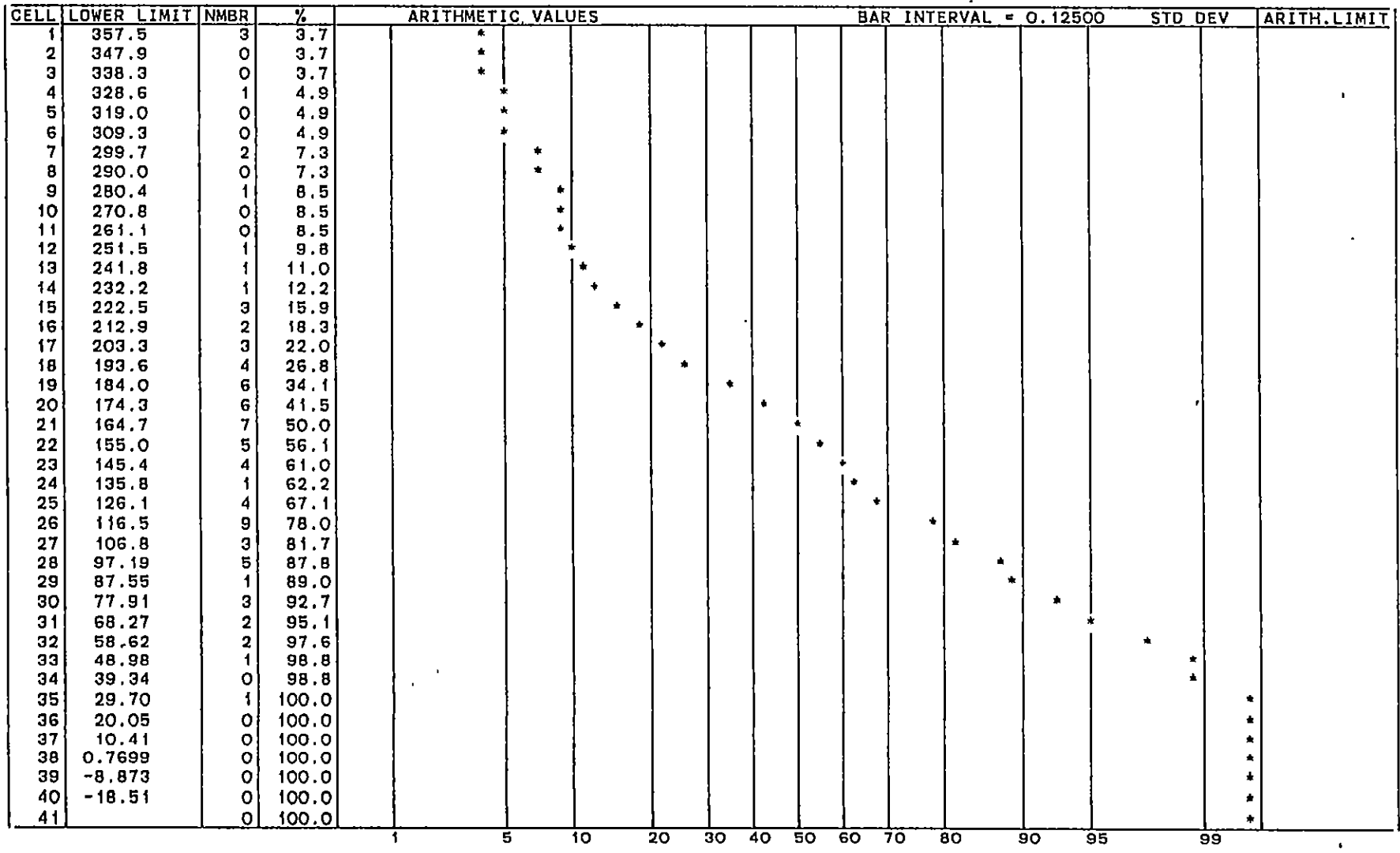
NAME	NA
N	82
X BAR	169.51
STD DEV	77.139

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-206.5	0	0.0				
3	-187.3	0	0.0				
4	-168.0	0	0.0				
5	-148.7	0	0.0				
6	-129.4	0	0.0				
7	-110.1	0	0.0				
8	-90.83	0	0.0				
9	-71.55	0	0.0				
10	-52.26	0	0.0				
11	-32.98	0	0.0				
12	-13.69	0	0.0				
13	5.591	0	0.0				
14	24.88	1	1.2	*			
15	44.16	2	2.4	**			
16	63.45	5	6.1	*****			
17	82.73	4	4.9	****			
18	102.0	10	12.2	*****			
19	121.3	10	12.2	*****			
20	140.6	6	7.3	*****			
21	159.9	12	14.6	*****			
22	179.2	11	13.4	*****			
23	198.4	8	9.8	*****			
24	217.7	3	3.7	****			
25	237.0	3	3.7	****			
26	256.3	0	0.0				
27	275.6	1	1.2	*			
28	294.9	2	2.4	**			
29	314.1	0	0.0				
30	333.4	1	1.2	*			
31	352.7	1	1.2	*			
32	372.0	0	0.0				
33	391.3	1	1.2	*			
34	410.6	0	0.0				
35	429.9	0	0.0				
36	449.1	0	0.0				
37	468.4	0	0.0				
38	487.7	1	1.2	*			
39	507.0	0	0.0				
40	526.3	0	0.0				
41	545.6	0	0.0				

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PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
DATA:	H.TYSSELAND GEOCHEMISTRY
RUN:	PRODUCED FOR H.TYSSELAND
TIME:	30/08/82 11:02:11

NAME	NA
N	82
X BAR	169.51
STD DEV	77.139



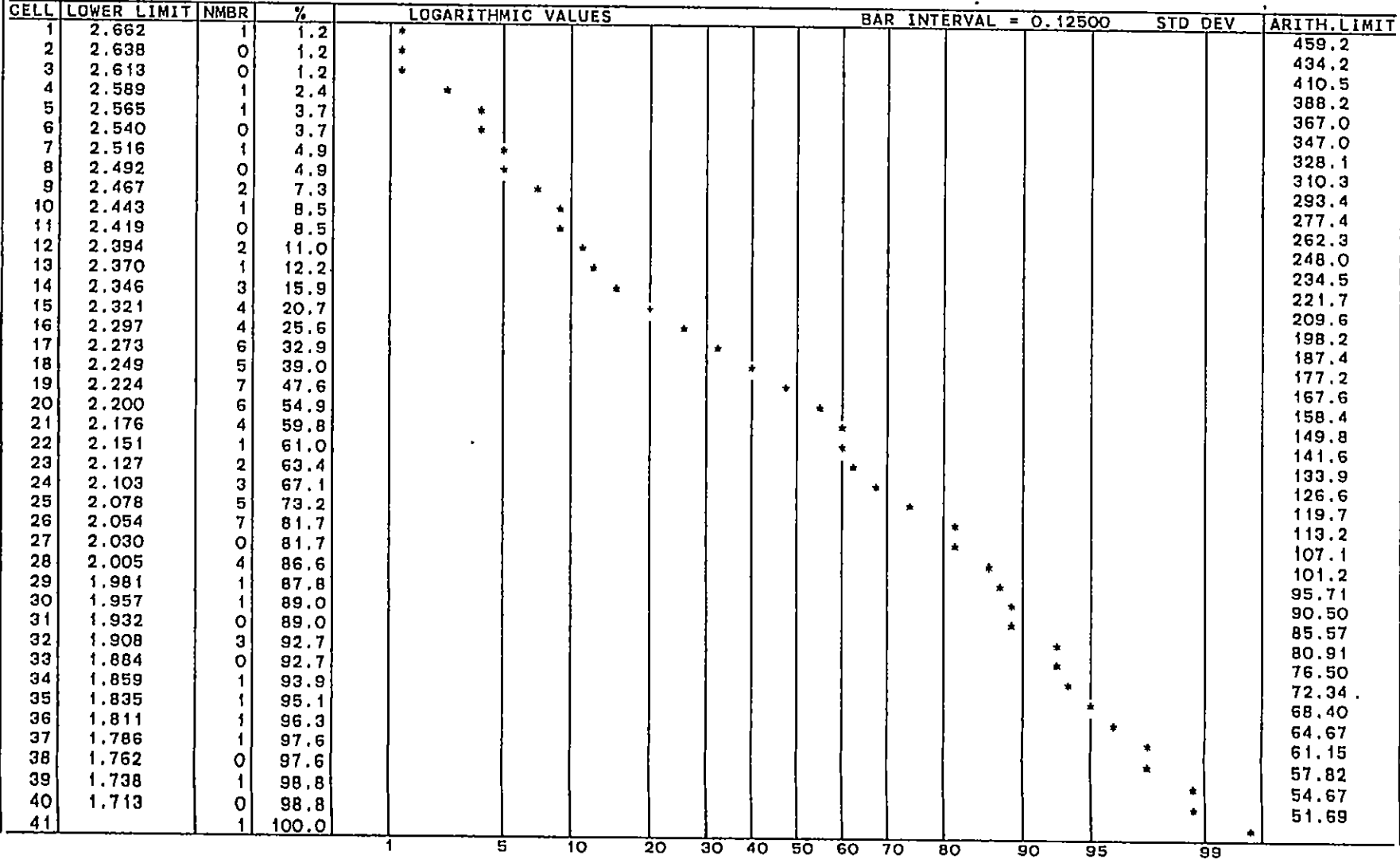
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	NA
N	82
X BAR	2.1877
STD DEV	0.19458

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	1.239	0	0.0				
3	1.288	0	0.0				17.34
4	1.336	0	0.0				19.40
5	1.385	0	0.0				21.70
6	1.434	0	0.0				24.27
7	1.482	0	0.0				27.15
8	1.531	1	1.2 *				30.36
9	1.580	0	0.0				33.96
10	1.628	0	0.0				37.99
11	1.677	0	0.0				42.49
12	1.726	1	1.2 *				47.53
13	1.774	1	1.2 *				53.16
14	1.823	2	2.4 **				59.46
15	1.872	4	4.9 *****				66.51
16	1.920	1	1.2 *				74.39
17	1.969	2	2.4 **				83.21
18	2.017	6	7.3 *****				93.07
19	2.066	10	12.2 *****				104.1
20	2.115	4	4.9 *****				116.4
21	2.163	8	9.8 *****				130.2
22	2.212	12	14.6 *****				145.7
23	2.261	12	14.6 *****				162.9
24	2.309	7	8.5 *****				182.2
25	2.358	4	4.9 *****				203.8
26	2.407	1	1.2 *				228.0
27	2.455	2	2.4 **				255.0
28	2.504	1	1.2 *				285.2
29	2.553	1	1.2 *				319.1
30	2.601	1	1.2 *				356.9
31	2.650	0	0.0				399.2
32	2.698	1	1.2 *				446.5
33	2.747	0	0.0				499.4
34	2.796	0	0.0				558.6
35	2.844	0	0.0				624.8
36	2.893	0	0.0				698.8
37	2.942	0	0.0				781.7
38	2.990	0	0.0				874.3
39	3.039	0	0.0				977.9
40	3.088	0	0.0				1094.
41	3.136	0	0.0				1223.
							1368.

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	NA
N	82
X BAR	2.1877
STD DEV	0.19458



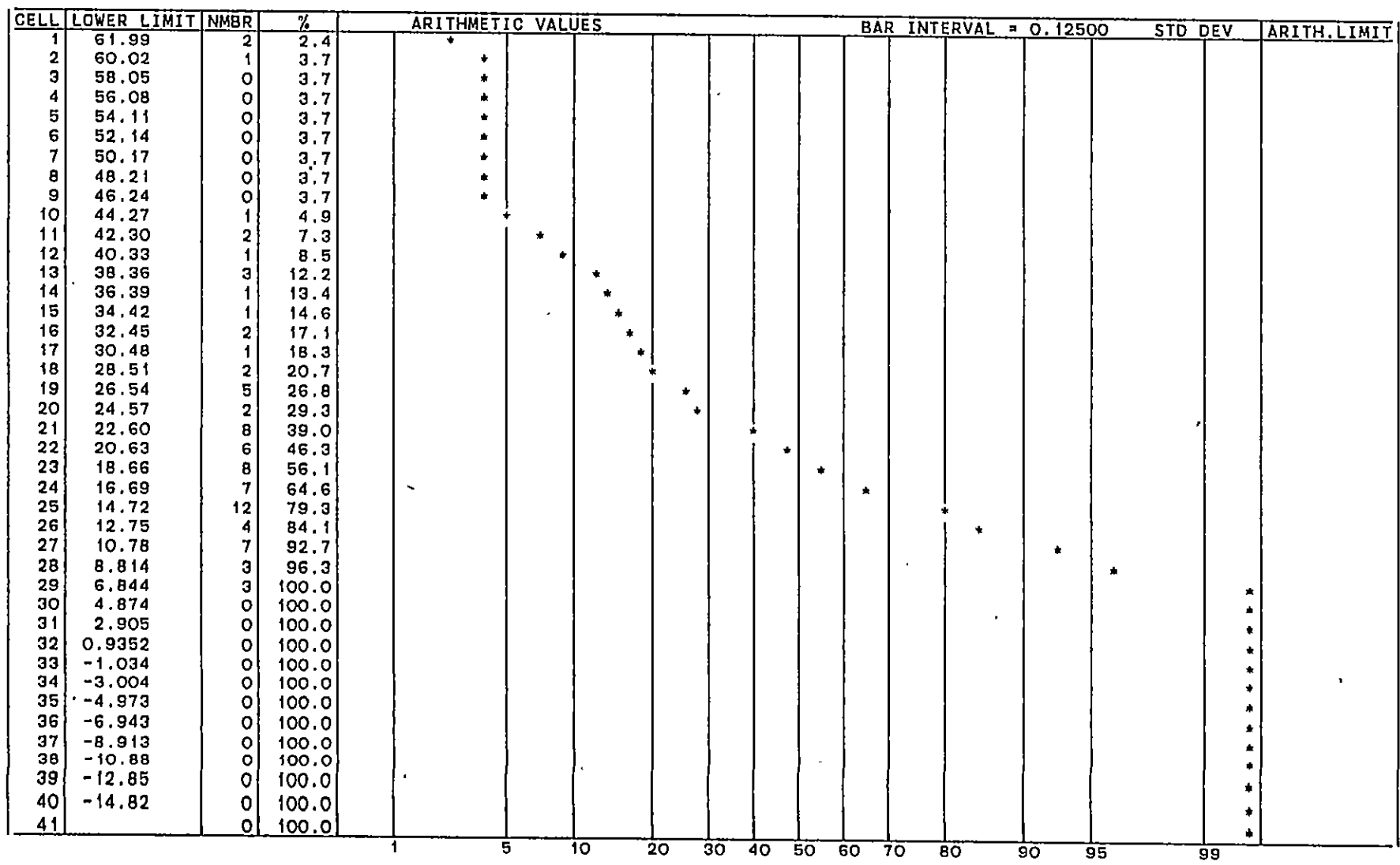
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	NI
N	82
X BAR	23.585
STD DEV	15.757

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-53.23	0	0.0				
3	-49.29	0	0.0				
4	-45.35	0	0.0				
5	-41.41	0	0.0				
6	-37.47	0	0.0				
7	-33.53	0	0.0				
8	-29.59	0	0.0				
9	-25.65	0	0.0				
10	-21.71	0	0.0				
11	-17.78	0	0.0				
12	-13.84	0	0.0				
13	-9.897	0	0.0				
14	-5.958	0	0.0				
15	-2.019	0	0.0				
16	1.920	0	0.0				
17	5.859	6	7.3	*****			
18	9.798	7	8.5	*****			
19	13.74	19	23.2	*****			
20	17.68	13	15.9	*****			
21	21.62	14	17.1	*****			
22	25.56	6	7.3	*****			
23	29.49	4	4.9	*****			
24	33.43	2	2.4	**			
25	37.37	5	6.1	*****			
26	41.31	3	3.7	****			
27	45.25	0	0.0				
28	49.19	0	0.0				
29	53.13	0	0.0				
30	57.07	1	1.2	*			
31	61.01	0	0.0				
32	64.95	1	1.2	*			
33	68.89	0	0.0				
34	72.82	0	0.0				
35	76.76	0	0.0				
36	80.70	0	0.0				
37	84.64	0	0.0				
38	88.58	0	0.0				
39	92.52	0	0.0				
40	96.46	0	0.0				
41	100.4	1	1.2	*			

**TITLES**  
 PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	NI
N	82
X BAR	23.585
STD DEV	15.757



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PROGRAM:	PERCENTAGE HISTOGRAMS
DATA:	H.TYSSELAND GEOCHEMISTRY
RUN:	PRODUCED FOR H.TYSSELAND
TIME:	30/08/82 11:02:11

NAME	NI
N	82
X BAR	1.3109
STD DEV	0.22138

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	0.2317	0	0.0				
3	0.2870	0	0.0				1.705
4	0.3424	0	0.0				1.937
5	0.3977	0	0.0				2.200
6	0.4531	0	0.0				2.499
7	0.5084	0	0.0				2.838
8	0.5637	0	0.0				3.224
9	0.6191	0	0.0				3.662
10	0.6744	0	0.0				4.160
11	0.7298	0	0.0				4.725
12	0.7851	0	0.0				5.368
13	0.8405	2	2.4	**			6.097
14	0.8958	1	1.2	*			6.926
15	0.9512	3	3.7	****			7.867
16	1.007	5	6.1	*****			8.936
17	1.062	2	2.4	**			10.15
18	1.117	4	4.9	****			11.53
19	1.173	12	14.6	*****			13.10
20	1.228	9	11.0	*****			14.88
21	1.283	7	8.5	*****			16.90
22	1.339	13	15.9	*****			19.20
23	1.394	7	8.5	*****			21.81
24	1.449	3	3.7	****			24.77
25	1.505	3	3.7	****			28.14
26	1.560	5	6.1	*****			31.96
27	1.615	3	3.7	****			36.30
28	1.671	0	0.0				41.24
29	1.726	0	0.0				46.84
30	1.781	2	2.4	**			53.21
31	1.837	0	0.0				60.44
32	1.892	0	0.0				68.65
33	1.947	0	0.0				77.99
34	2.003	0	0.0				88.59
35	2.058	1	1.2	*			100.6
36	2.113	0	0.0				114.3
37	2.169	0	0.0				129.8
38	2.224	0	0.0				147.5
39	2.279	0	0.0				167.5
40	2.335	0	0.0				190.3
41	2.390	0	0.0				216.2
							245.5

**TITLES**  
 PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	NI
N	82
X BAR	1.3109
STD DEV	0.22138

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT
1	1.850	1	1.2	*			70.88
2	1.823	0	1.2	*			66.50
3	1.795	1	2.4	*			62.39
4	1.767	1	3.7	*			58.54
5	1.740	0	3.7	*			54.93
6	1.712	0	3.7	*			51.54
7	1.684	0	3.7	*			48.36
8	1.657	0	3.7	*			45.37
9	1.629	3	7.3	*			42.57
10	1.601	2	9.8	*			39.94
11	1.574	3	13.4	*			37.48
12	1.546	1	14.6	*			35.16
13	1.518	2	17.1	*			32.99
14	1.491	1	18.3	*			30.96
15	1.463	2	20.7	*			29.05
16	1.435	3	24.4	*			27.25
17	1.408	3	28.0	*			25.57
18	1.380	7	36.6	*			23.99
19	1.352	2	39.0	*			22.51
20	1.325	5	45.1	*			21.12
21	1.297	7	53.7	*			19.82
22	1.269	2	56.1	*			18.59
23	1.242	4	61.0	*			17.45
24	1.214	3	64.6	*			16.37
25	1.186	7	73.2	*			15.36
26	1.159	5	79.3	*			14.41
27	1.131	4	84.1	*			13.52
28	1.103	0	84.1	*			12.69
29	1.076	2	86.6	*			11.90
30	1.048	0	86.6	*			11.17
31	1.020	5	92.7	*			10.48
32	0.9927	0	92.7	*			9.833
33	0.9650	0	92.7	*			9.226
34	0.9373	3	96.3	*			8.656
35	0.9096	0	96.3	*			8.122
36	0.8820	1	97.6	*			7.620
37	0.8543	0	97.6	*			7.150
38	0.8266	2	100.0	*			6.709
39	0.7990	0	100.0	*			6.294
40	0.7713	0	100.0	*			5.906
41		0	100.0	*			



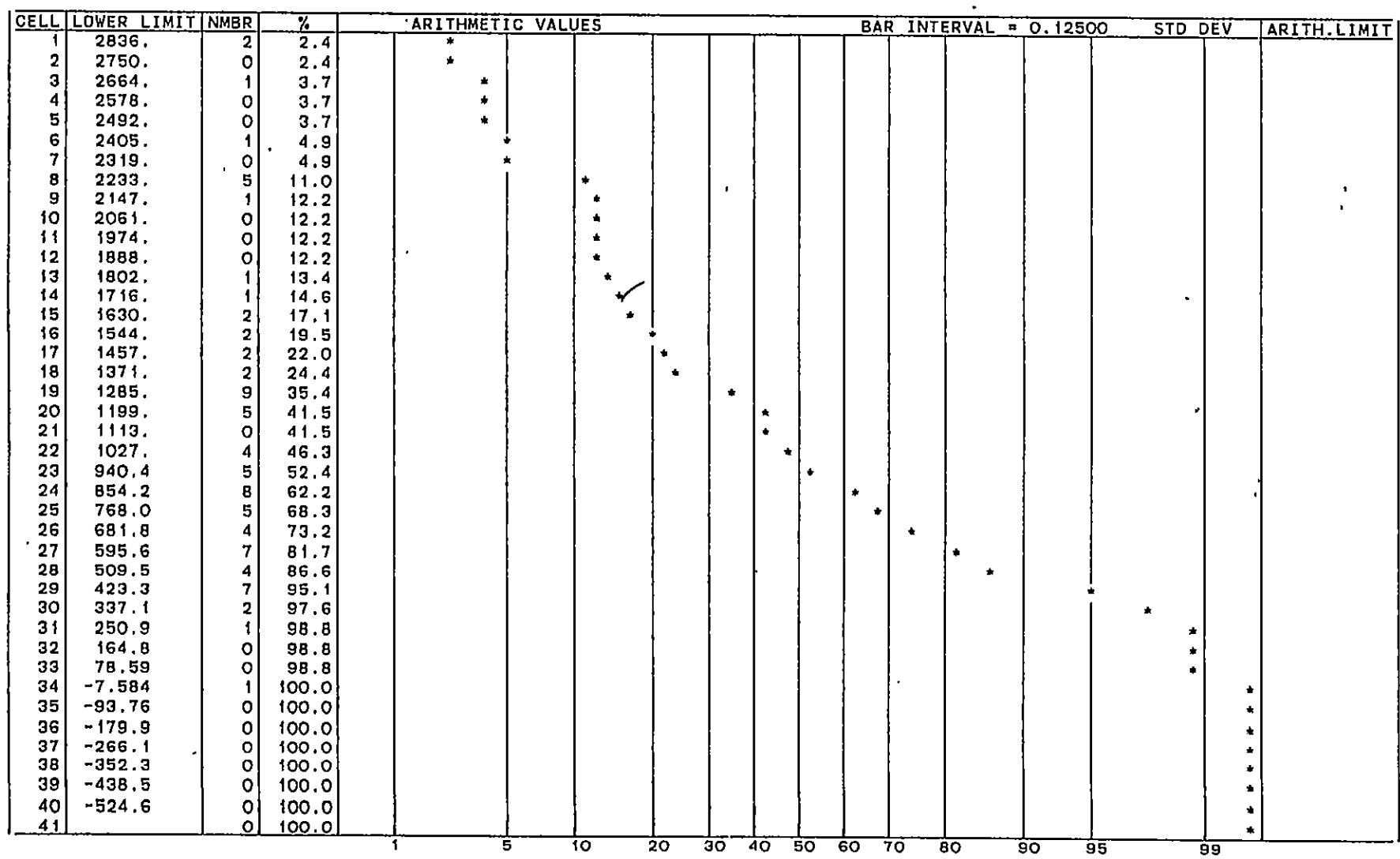
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	P
N	82
X BAR	1155.8
STD DEV	689.41

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2205.	0	0.0				
3	-2033.	0	0.0				
4	-1860.	0	0.0				
5	-1688.	0	0.0				
6	-1516.	0	0.0				
7	-1343.	0	0.0				
8	-1171.	0	0.0				
9	-998.6	0	0.0				
10	-826.3	0	0.0				
11	-653.9	0	0.0				
12	-481.6	0	0.0				
13	-309.2	0	0.0				
14	-136.8	0	0.0				
15	35.50	1	1.2	*			
16	207.9	2	2.4	**			
17	380.2	8	9.8	*****			
18	552.6	12	14.6	*****			
19	724.9	12	14.6	*****			
20	897.3	11	13.4	*****			
21	1070.	5	6.1	*****			
22	1242.	12	14.6	*****			
23	1414.	5	6.1	*****			
24	1587.	2	2.4	**			
25	1759.	2	2.4	**			
26	1931.	0	0.0				
27	2104.	5	6.1	*****			
28	2276.	1	1.2	*			
29	2448.	1	1.2	*			
30	2621.	1	1.2	*			
31	2793.	0	0.0				
32	2965.	0	0.0				
33	3138.	1	1.2	*			
34	3310.	0	0.0				
35	3483.	0	0.0				
36	3655.	0	0.0				
37	3827.	0	0.0				
38	4000.	1	1.2	*			
39	4172.	0	0.0				
40	4344.	0	0.0				
41	4517.	0	0.0				

**TITLES**  
 PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
 DATA: H. TYSSÉLAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H. TYSSÉLAND  
 TIME: 30/08/82 11:02:11

NAME	P
N	82
X BAR	1155.8
STD DEV	689.41



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 PROGRAM: PERCENTAGE HISTOGRAMS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	P
N	82
X BAR	2.9918
STD DEV	0.26156

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	1.717	0	0.0				
3	1.782	0	0.0				52.08
4	1.847	1	1.2 *				60.55
5	1.919	0	0.0				70.38
6	1.978	0	0.0				81.82
7	2.044	0	0.0				95.12
8	2.109	0	0.0				110.6
9	2.174	0	0.0				128.5
10	2.240	0	0.0				149.4
11	2.305	0	0.0				173.7
12	2.371	0	0.0				201.9
13	2.436	1	1.2 *				234.7
14	2.501	0	0.0				272.9
15	2.567	2	2.4 **				317.2
16	2.632	6	7.3 *****				368.8
17	2.698	2	2.4 **				428.7
18	2.763	10	12.2 *****				498.4
19	2.828	5	6.1 *****				579.3
20	2.894	9	11.0 *****				673.5
21	2.959	10	12.2 *****				782.9
22	3.024	4	4.9 *****				910.1
23	3.090	13	15.9 *****				1058.
24	3.155	6	7.3 *****				1230.
25	3.221	3	3.7 *****				1430.
26	3.286	2	2.4 **				1662.
27	3.351	5	6.1 *****				1932.
28	3.417	1	1.2 *				2246.
29	3.482	1	1.2 *				2611.
30	3.548	0	0.0				3035.
31	3.613	1	1.2 *				3529.
32	3.678	0	0.0				4102.
33	3.744	0	0.0				4768.
34	3.809	0	0.0				5543.
35	3.875	0	0.0				6444.
36	3.940	0	0.0				7491.
37	4.005	0	0.0				8708.
38	4.071	0	0.0				0.1012E+05
39	4.136	0	0.0				0.1177E+05
40	4.201	0	0.0				0.1368E+05
41	4.267	0	0.0				0.1590E+05
							0.1849E+05

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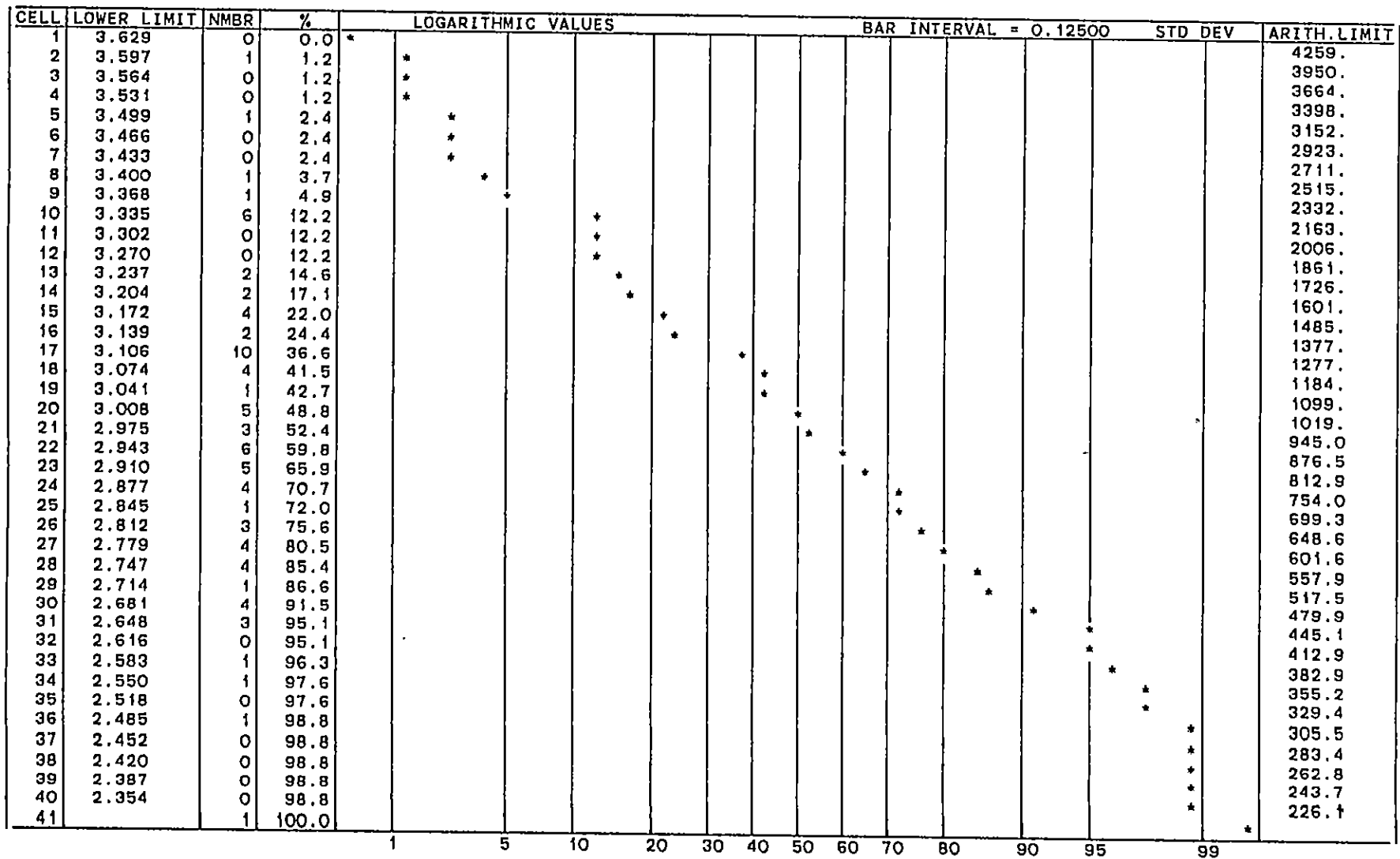
PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS

DATA: H.TYSSELAND GEOCHEMISTRY

RUN: PRODUCED FOR H.TYSSELAND

TIME: 30/08/82 11:02:11

NAME	P
N	82
X BAR	2.9918
STD DEV	0.26156



**T I T L E S**  
**PROGRAM:** PERCENTAGE HISTOGRAMS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 11:02:11

NAME	PB
N	82
X BAR	27.585
STD DEV	34.975

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-142.9	0	0.0				
3	-134.2	0	0.0				
4	-125.4	0	0.0				
5	-116.7	0	0.0				
6	-107.9	0	0.0				
7	-99.20	0	0.0				
8	-90.45	0	0.0				
9	-81.71	0	0.0				
10	-72.97	0	0.0				
11	-64.22	0	0.0				
12	-55.48	0	0.0				
13	-46.74	0	0.0				
14	-37.99	0	0.0				
15	-29.25	0	0.0				
16	-20.50	0	0.0				
17	-11.76	0	0.0				
18	-3.017	22	26.8	*****			
19	5.726	16	19.5	*****			
20	14.47	15	18.3	*****			
21	23.21	5	6.1	*****			
22	31.96	8	9.8	*****			
23	40.70	2	2.4	**			
24	49.44	3	3.7	****			
25	58.19	2	2.4	**			
26	66.93	1	1.2	*			
27	75.68	3	3.7	****			
28	84.42	1	1.2	*			
29	93.16	0	0.0				
30	101.9	1	1.2	*			
31	110.7	0	0.0				
32	119.4	0	0.0				
33	128.1	0	0.0				
34	136.9	1	1.2	*			
35	145.6	1	1.2	*			
36	154.4	0	0.0				
37	163.1	0	0.0				
38	171.9	1	1.2	*			
39	180.6	0	0.0				
40	189.3	0	0.0				
41	198.1	0	0.0				

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	PB
N	82
X BAR	27.585
STD DEV	34.975

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH.LIMIT			
1	112.8	3	3.7	*															
2	108.5	0	3.7	*															
3	104.1	0	3.7	*															
4	99.72	1	4.9	*															
5	95.35	0	4.9	*															
6	90.98	0	4.9	*															
7	86.61	1	6.1	*	*														
8	82.23	2	8.5	*	*	*													
9	77.86	1	9.8	*	*	*	*												
10	73.49	0	9.8	*	*	*	*	*											
11	69.12	1	11.0	*	*	*	*	*	*										
12	64.75	1	12.2	*	*	*	*	*	*	*									
13	60.37	1	13.4	*	*	*	*	*	*	*	*								
14	56.00	0	13.4	*	*	*	*	*	*	*	*	*							
15	51.63	3	17.1	*	*	*	*	*	*	*	*	*	*						
16	47.26	0	17.1	*	*	*	*	*	*	*	*	*	*	*					
17	42.89	2	19.5	*	*	*	*	*	*	*	*	*	*	*	*				
18	38.52	1	20.7	*	*	*	*	*	*	*	*	*	*	*	*	*			
19	34.14	3	24.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*		
20	29.77	4	29.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	
21	25.40	3	32.9	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
22	21.03	6	40.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
23	16.66	10	52.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
24	12.28	5	58.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25	7.912	9	69.5	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
26	3.540	4	74.4	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
27	-0.8315	21	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
28	-5.203	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
29	-9.575	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
30	-13.95	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
31	-18.32	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
32	-22.69	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
33	-27.06	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
34	-31.43	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
35	-35.81	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
36	-40.18	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
37	-44.55	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
38	-48.92	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
39	-53.29	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
40	-57.67	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
41		0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

**TITLES**  
**PROGRAM:** PERCENTAGE HISTOGRAMS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 11:02:11

<b>NAME</b>	<b>PB</b>
N	82
X BAR	1.0659
STD DEV	0.66211

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2.162	0	0.0				
3	-1.996	0	0.0				
4	-1.831	0	0.0				0.6888E-02
5	-1.665	0	0.0				0.1008E-01
6	-1.500	0	0.0				0.1476E-01
7	-1.334	0	0.0				0.2161E-01
8	-1.169	0	0.0				0.3164E-01
9	-1.003	0	0.0				0.4632E-01
10	-0.8377	0	0.0				0.6780E-01
11	-0.6722	0	0.0				0.9926E-01
12	-0.5066	0	0.0				0.1453
13	-0.3411	0	0.0				0.2127
14	-0.1756	0	0.0				0.3114
15	-0.1006E-01	15	18.3	*****			0.4559
16	0.1555	5	6.1	*****			0.6674
17	0.3210	1	1.2	*			0.9771
18	0.4865	1	1.2	*			1.430
19	0.6520	3	3.7	****			2.094
20	0.8176	4	4.9	****			3.066
21	0.9831	9	11.0	*****			4.488
22	1.149	10	12.2	*****			6.570
23	1.314	10	12.2	*****			9.618
24	1.480	9	11.0	*****			14.08
25	1.645	5	6.1	*****			20.61
26	1.811	6	7.3	*****			30.18
27	1.976	1	1.2	*			44.18
28	2.142	3	3.7	****			64.67
29	2.307	0	0.0				94.68
30	2.473	0	0.0				138.6
31	2.638	0	0.0				202.9
32	2.804	0	0.0				297.1
33	2.969	0	0.0				434.9
34	3.135	0	0.0				636.6
35	3.300	0	0.0				932.0
36	3.466	0	0.0				1364.
37	3.632	0	0.0				1997.
38	3.797	0	0.0				2924.
39	3.963	0	0.0				4281.
40	4.128	0	0.0				6267.
41	4.294	0	0.0				9174.
							0.1343E+05
							0.1966E+05

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PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS

DATA: H. TYSSSELAND GEOCHEMISTRY

RUN: PRODUCED FOR H. TYSSSELAND

TIME: 30/08/82 11:02:11

NAME	PB
N	82
X BAR	1.0659
STD DEV	0.66211

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT
1	2.680	0	0.0	*			478.3
2	2.597	0	0.0	*			395.3
3	2.514	0	0.0	*			326.7
4	2.431	0	0.0	*			270.0
5	2.349	0	0.0	*			223.2
6	2.266	0	0.0	*			184.5
7	2.183	1	1.2	*			152.5
8	2.100	2	3.7	*			126.0
9	2.018	0	3.7	*			104.1
10	1.935	2	6.1	*			86.07
11	1.852	4	11.0	*			71.14
12	1.769	2	13.4	*			58.79
13	1.687	3	17.1	*			48.59
14	1.604	2	19.5	*			40.16
15	1.521	4	24.4	*			33.19
16	1.438	5	30.5	*			27.43
17	1.356	7	39.0	*			22.67
18	1.273	7	47.6	*			18.74
19	1.190	5	53.7	*			15.49
20	1.107	4	58.5	*			12.80
21	1.024	4	63.4	*			10.58
22	0.9417	4	68.3	*			8.744
23	0.8589	1	69.5	*			7.227
24	0.7762	3	73.2	*			5.973
25	0.6934	0	73.2	*			4.937
26	0.6107	0	73.2	*			4.080
27	0.5279	1	74.4	*			3.372
28	0.4451	1	75.6	*			2.787
29	0.3624	0	75.6	*			2.303
30	0.2796	5	81.7	*			1.904
31	0.1968	0	81.7	*			1.573
32	0.1141	0	81.7	*			1.300
33	0.3131E-01	0	81.7	*			1.075
34	-0.5145E-01	15	100.0	*			0.8883
35	-0.1342	0	100.0	*			0.7342
36	-0.2170	0	100.0	*			0.6068
37	-0.2997	0	100.0	*			0.5015
38	-0.3825	0	100.0	*			0.4145
39	-0.4653	0	100.0	*			0.3426
40	-0.5480	0	100.0	*			0.2831
41		0	100.0	*			



**TITLES**  
**PROGRAM:** PERCENTAGE HISTOGRAMS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 11:02:11

<b>NAME</b>	<b>SB</b>
N	82
X BAR	1.2195
STD DEV	1.0775

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-4.034	0	0.0				
3	-3.764	0	0.0				
4	-3.495	0	0.0				
5	-3.225	0	0.0				
6	-2.956	0	0.0				
7	-2.687	0	0.0				
8	-2.417	0	0.0				
9	-2.148	0	0.0				
10	-1.878	0	0.0				
11	-1.609	0	0.0				
12	-1.340	0	0.0				
13	-1.070	0	0.0				
14	-0.8009	0	0.0				
15	-0.5315	0	0.0				
16	-0.2621	0	0.0				
17	0.7278E-02	0	0.0				
18	0.2767	0	0.0				
19	0.5460	0	0.0				
20	0.8154	78	95.1	*****			
21	1.085	0	0.0				
22	1.354	0	0.0				
23	1.624	0	0.0				
24	1.893	0	0.0				
25	2.162	0	0.0				
26	2.432	0	0.0				
27	2.701	0	0.0				
28	2.971	1	1.2	*			
29	3.240	0	0.0				
30	3.509	0	0.0				
31	3.779	1	1.2	*			
32	4.048	0	0.0				
33	4.317	0	0.0				
34	4.587	0	0.0				
35	4.856	0	0.0				
36	5.126	0	0.0				
37	5.395	0	0.0				
38	5.664	0	0.0				
39	5.934	0	0.0				
40	6.203	0	0.0				
41	6.473	2	2.4	**			

T I T L	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
E	DATA: H.TYSSELAND GEOCHEMISTRY
S	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	SB
N	82
X BAR	1.2195
STD DEV	1.0775

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH.LIMIT	
1	3.846	3	3.7	*													
2	3.711	0	3.7	*													
3	3.577	0	3.7	*													
4	3.442	0	3.7	*													
5	3.307	0	3.7	*													
6	3.173	0	3.7	*													
7	3.038	0	3.7	*													
8	2.903	1	4.9	*													
9	2.768	0	4.9	*													
10	2.634	0	4.9	*													
11	2.499	0	4.9	*													
12	2.364	0	4.9	*													
13	2.230	0	4.9	*													
14	2.095	0	4.9	*													
15	1.960	0	4.9	*													
16	1.826	0	4.9	*													
17	1.691	0	4.9	*													
18	1.556	0	4.9	*													
19	1.422	0	4.9	*													
20	1.287	0	4.9	*													
21	1.152	0	4.9	*													
22	1.017	0	4.9	*													
23	0.8828	78	100.0	*													*
24	0.7481	0	100.0	*													*
25	0.6134	0	100.0	*													*
26	0.4787	0	100.0	*													*
27	0.3440	0	100.0	*													*
28	0.2093	0	100.0	*													*
29	0.7463E-01	0	100.0	*													*
30	-0.6007E-01	0	100.0	*													*
31	-0.1948	0	100.0	*													*
32	-0.3295	0	100.0	*													*
33	-0.4641	0	100.0	*													*
34	-0.5988	0	100.0	*													*
35	-0.7335	0	100.0	*													*
36	-0.8682	0	100.0	*													*
37	-1.003	0	100.0	*													*
38	-1.138	0	100.0	*													*
39	-1.272	0	100.0	*													*
40	-1.407	0	100.0	*													*
41		0	100.0	*													*

T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	SB
N	82
X BAR	0.34480E-01
STD DEV	0.15801

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-0.7358	0	0.0				
3	-0.6963	0	0.0				0.1837
4	-0.6568	0	0.0				0.2012
5	-0.6173	0	0.0				0.2204
6	-0.5778	0	0.0				0.2414
7	-0.5383	0	0.0				0.2644
8	-0.4988	0	0.0				0.2895
9	-0.4593	0	0.0				0.3171
10	-0.4198	0	0.0				0.3473
11	-0.3803	0	0.0				0.3804
12	-0.3408	0	0.0				0.4166
13	-0.3013	0	0.0				0.4562
14	-0.2618	0	0.0				0.4997
15	-0.2223	0	0.0				0.5473
16	-0.1828	0	0.0				0.5994
17	-0.1433	0	0.0				0.6565
18	-0.1038	0	0.0				0.7190
19	-0.6428E-01	0	0.0				0.7874
20	-0.2477E-01	78	95.1	*****			0.8624
21	0.1473E-01	0	0.0				0.9446
22	0.5423E-01	0	0.0				1.034
23	0.9373E-01	0	0.0				1.133
24	0.1332	0	0.0				1.241
25	0.1727	0	0.0				1.359
26	0.2122	0	0.0				1.488
27	0.2517	0	0.0				1.630
28	0.2912	0	0.0				1.785
29	0.3308	0	0.0				1.955
30	0.3703	0	0.0				2.142
31	0.4098	0	0.0				2.346
32	0.4493	1	1.2	*			2.569
33	0.4888	0	0.0				2.814
34	0.5283	0	0.0				3.082
35	0.5678	1	1.2	*			3.375
36	0.6073	0	0.0				3.696
37	0.6468	0	0.0				4.048
38	0.6863	0	0.0				4.434
39	0.7258	0	0.0				4.856
40	0.7653	0	0.0				5.318
41	0.8048	2	2.4	**			5.825
							6.380

T I T L E S	PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	SB
N	82
X BAR	0.34480E-01
STD DEV	0.15801

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT	
1	0.4196	4	4.9	*													2.628
2	0.3999	0	4.9	*													2.511
3	0.3801	0	4.9	*													2.400
4	0.3604	0	4.9	*													2.293
5	0.3406	0	4.9	*													2.191
6	0.3209	0	4.9	*													2.094
7	0.3011	0	4.9	*													2.000
8	0.2814	0	4.9	*													1.911
9	0.2616	0	4.9	*													1.827
10	0.2419	0	4.9	*													1.745
11	0.2221	0	4.9	*													1.668
12	0.2024	0	4.9	*													1.594
13	0.1826	0	4.9	*													1.523
14	0.1629	0	4.9	*													1.455
15	0.1431	0	4.9	*													1.390
16	0.1234	0	4.9	*													1.329
17	0.1036	0	4.9	*													1.269
18	0.8386E-01	0	4.9	*													1.213
19	0.6411E-01	0	4.9	*													1.159
20	0.4436E-01	0	4.9	*													1.108
21	0.2460E-01	0	4.9	*													1.058
22	0.4853E-02	0	4.9	*													1.011
23	-0.1490E-01	78	100.0	*												*	0.9663
24	-0.3465E-01	0	100.0	*												*	0.9233
25	-0.5440E-01	0	100.0	*												*	0.8823
26	-0.7415E-01	0	100.0	*												*	0.8430
27	-0.9390E-01	0	100.0	*												*	0.8056
28	-0.1137	0	100.0	*												*	0.7697
29	-0.1334	0	100.0	*												*	0.7355
30	-0.1532	0	100.0	*												*	0.7028
31	-0.1729	0	100.0	*												*	0.6716
32	-0.1927	0	100.0	*												*	0.6417
33	-0.2124	0	100.0	*												*	0.6132
34	-0.2322	0	100.0	*												*	0.5859
35	-0.2519	0	100.0	*												*	0.5599
36	-0.2717	0	100.0	*												*	0.5350
37	-0.2914	0	100.0	*												*	0.5112
38	-0.3112	0	100.0	*												*	0.4885
39	-0.3309	0	100.0	*												*	0.4667
40	-0.3507	0	100.0	*												*	0.4460
41		0	100.0	*												*	

T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

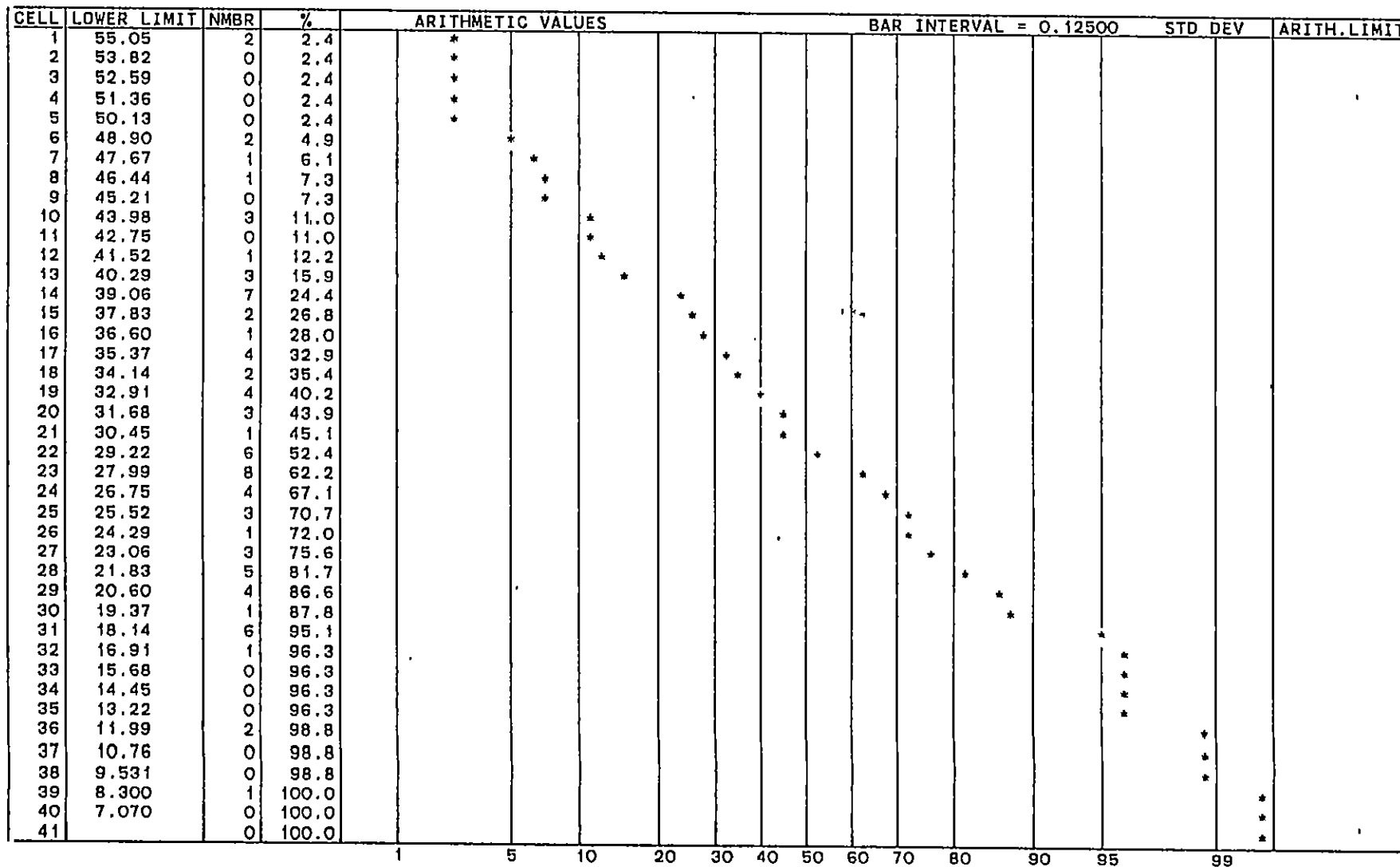
NAME	SR
N	82
X BAR	31.061
STD DEV	9.8424

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-16.92	0	0.0				
3	-14.46	0	0.0				
4	-12.00	0	0.0				
5	-9.539	0	0.0				
6	-7.078	0	0.0				
7	-4.618	0	0.0				
8	-2.157	0	0.0				
9	0.3034	0	0.0				
10	2.764	0	0.0				
11	5.225	0	0.0				
12	7.685	1	1.2	*			
13	10.15	0	0.0				
14	12.61	2	2.4	**			
15	15.07	0	0.0				
16	17.53	7	8.5	*****			
17	19.99	7	8.5	*****			
18	22.45	6	7.3	*****			
19	24.91	8	9.8	*****			
20	27.37	8	9.8	*****			
21	29.83	10	12.2	*****			
22	32.29	4	4.9	****			
23	34.75	7	8.5	*****			
24	37.21	2	2.4	**			
25	39.67	11	13.4	*****			
26	42.13	0	0.0				
27	44.59	4	4.9	****			
28	47.05	2	2.4	**			
29	49.52	1	1.2	*			
30	51.98	0	0.0				
31	54.44	1	1.2	*			
32	56.90	1	1.2	*			
33	59.36	0	0.0				
34	61.82	0	0.0				
35	64.28	0	0.0				
36	66.74	0	0.0				
37	69.20	0	0.0				
38	71.66	0	0.0				
39	74.12	0	0.0				
40	76.58	0	0.0				
41	79.04	0	0.0				

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**PROGRAM:** PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**DATA:** H.TYSSELAND GEOCHEMISTRY  
**RUN:** PRODUCED FOR H.TYSSELAND  
**TIME:** 30/08/82 11:02:11

NAME	SR
N	82
X BAR	31.061
STD DEV	9.8424



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H. TYSSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H. TYSSSELAND
	TIME:	30/08/82 11:02:11

NAME	SR
N	82
X BAR	1.4690
STD DEV	0.14755

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH. LIMIT
1		0	0.0				
2	0.7497	0	0.0				5.620
3	0.7866	0	0.0				6.118
4	0.8235	0	0.0				6.660
5	0.8604	0	0.0				7.251
6	0.8973	0	0.0				7.894
7	0.9342	1	1.2 *				8.593
8	0.9711	0	0.0				9.355
9	1.008	0	0.0				10.18
10	1.045	0	0.0				11.09
11	1.082	2	2.4 **				12.07
12	1.119	0	0.0				13.14
13	1.155	0	0.0				14.31
14	1.192	0	0.0				15.57
15	1.229	1	1.2 *				16.95
16	1.266	7	8.5 *****				18.46
17	1.303	4	4.9 *****				20.09
18	1.340	5	6.1 *****				21.87
19	1.377	4	4.9 *****				23.81
20	1.414	14	17.1 *****				25.92
21	1.451	7	8.5 *****				28.22
22	1.487	7	8.5 *****				30.72
23	1.524	7	8.5 *****				33.45
24	1.561	3	3.7 ****				36.41
25	1.598	11	13.4 *****				39.64
26	1.635	3	3.7 ****				43.16
27	1.672	4	4.9 *****				46.98
28	1.709	0	0.0				51.15
29	1.746	2	2.4 **				55.68
30	1.783	0	0.0				60.62
31	1.819	0	0.0				65.99
32	1.856	0	0.0				71.84
33	1.893	0	0.0				78.21
34	1.930	0	0.0				85.14
35	1.967	0	0.0				92.69
36	2.004	0	0.0				100.9
37	2.041	0	0.0				109.9
38	2.078	0	0.0				119.6
39	2.115	0	0.0				130.2
40	2.151	0	0.0				141.7
41	2.188	0	0.0				154.3

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS	NAME	SR
	DATA:	H.TYSSELAND GEOCHEMISTRY	N	82
	RUN:	PRODUCED FOR H.TYSSELAND	X BAR	1.4690
	TIME:	30/08/82 11:02:11	STD DEV	0.14755

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT		
1	1.829	0	0.0	*														67.41
2	1.810	0	0.0	*														64.60
3	1.792	0	0.0	*														61.92
4	1.773	0	0.0	*														59.34
5	1.755	1	1.2	*	*													56.88
6	1.736	1	2.4	*	*	*												54.51
7	1.718	0	2.4	*	*	*												52.24
8	1.700	0	2.4	*	*	*												50.07
9	1.681	3	6.1	*	*	*	*											47.99
10	1.663	1	7.3	*	*	*	*											45.99
11	1.644	3	11.0	*	*	*	*	*										44.08
12	1.626	0	11.0	*	*	*	*	*										42.25
13	1.607	4	15.9	*	*	*	*	*	*									40.49
14	1.589	8	25.6	*	*	*	*	*	*	*								38.81
15	1.570	1	26.8	*	*	*	*	*	*	*								37.20
16	1.552	5	32.9	*	*	*	*	*	*	*	*							35.65
17	1.534	2	35.4	*	*	*	*	*	*	*	*							34.17
18	1.515	4	40.2	*	*	*	*	*	*	*	*	*						32.75
19	1.497	3	43.9	*	*	*	*	*	*	*	*	*						31.38
20	1.478	1	45.1	*	*	*	*	*	*	*	*	*						30.08
21	1.460	7	53.7	*	*	*	*	*	*	*	*	*	*					28.83
22	1.441	7	62.2	*	*	*	*	*	*	*	*	*	*	*				27.63
23	1.423	4	67.1	*	*	*	*	*	*	*	*	*	*	*				26.48
24	1.404	3	70.7	*	*	*	*	*	*	*	*	*	*	*	*			25.38
25	1.386	1	72.0	*	*	*	*	*	*	*	*	*	*	*	*			24.32
26	1.368	3	75.6	*	*	*	*	*	*	*	*	*	*	*	*	*		23.31
27	1.349	3	79.3	*	*	*	*	*	*	*	*	*	*	*	*	*		22.34
28	1.331	2	81.7	*	*	*	*	*	*	*	*	*	*	*	*	*		21.41
29	1.312	4	86.6	*	*	*	*	*	*	*	*	*	*	*	*	*	*	20.52
30	1.294	1	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	19.67
31	1.275	6	95.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	18.85
32	1.257	0	95.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	18.07
33	1.238	1	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	17.32
34	1.220	0	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	16.60
35	1.202	0	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15.91
36	1.183	0	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	15.25
37	1.165	0	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.61
38	1.146	0	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	14.00
39	1.128	0	96.3	*	*	*	*	*	*	*	*	*	*	*	*	*	*	13.42
40	1.109	2	98.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	12.86
41		1	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	



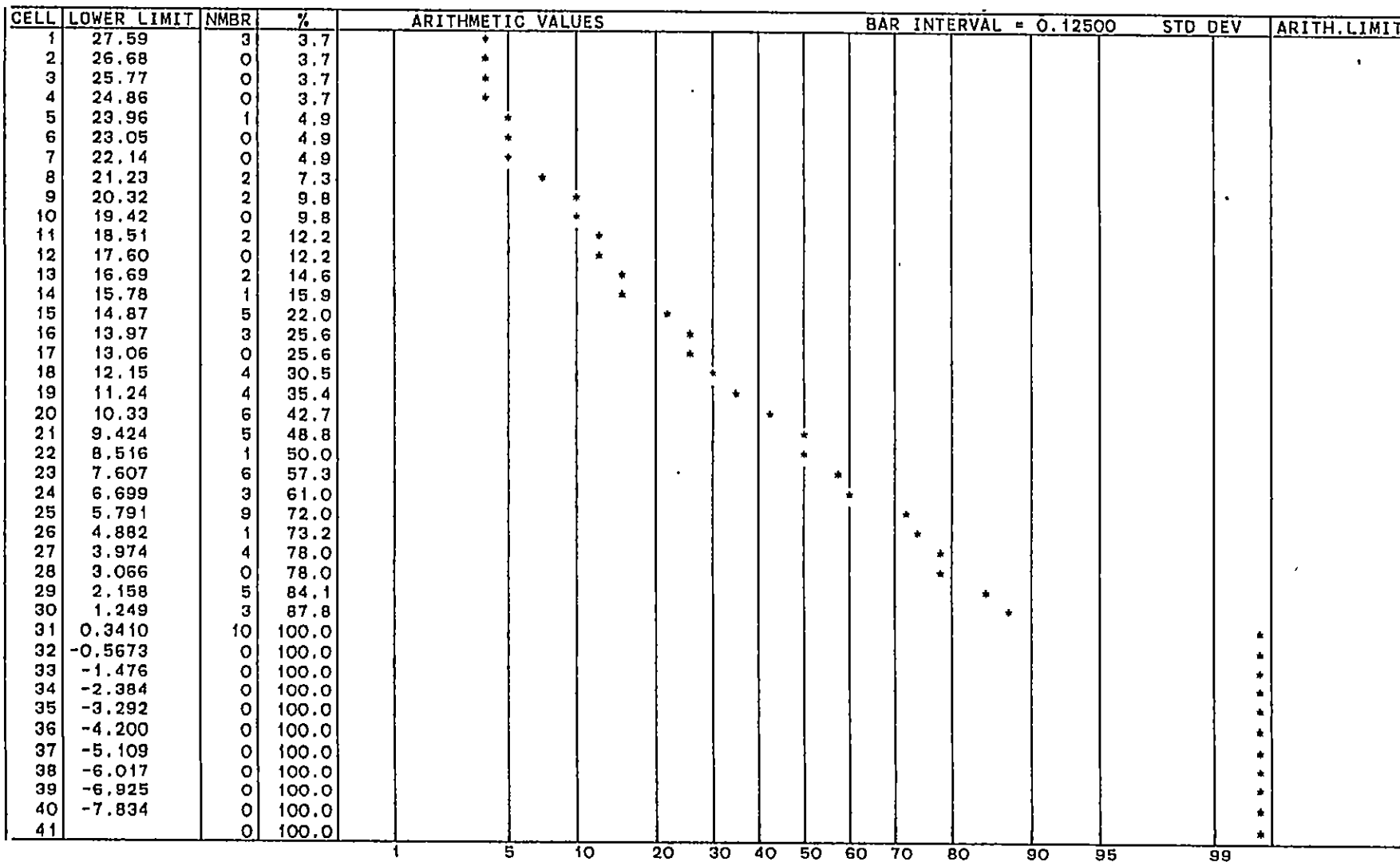
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	TH
N	82
X BAR	9.8780
STD DEV	7.2663

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-25.55	0	0.0				
3	-23.73	0	0.0				
4	-21.91	0	0.0				
5	-20.10	0	0.0				
6	-18.28	0	0.0				
7	-16.46	0	0.0				
8	-14.65	0	0.0				
9	-12.83	0	0.0				
10	-11.01	0	0.0				
11	-9.196	0	0.0				
12	-7.379	0	0.0				
13	-5.563	0	0.0				
14	-3.746	0	0.0				
15	-1.930	0	0.0				
16	-0.1131	10	12.2	*****			
17	1.703	8	9.8	*****			
18	3.520	5	6.1	*****			
19	5.337	12	14.6	*****			
20	7.153	6	7.3	*****			
21	8.970	6	7.3	*****			
22	10.79	10	12.2	*****			
23	12.60	7	8.5	*****			
24	14.42	6	7.3	*****			
25	16.24	2	2.4	**			
26	18.05	2	2.4	**			
27	19.87	2	2.4	**			
28	21.69	2	2.4	**			
29	23.50	1	1.2	*			
30	25.32	0	0.0				
31	27.14	0	0.0				
32	28.95	1	1.2	*			
33	30.77	1	1.2	*			
34	32.59	1	1.2	*			
35	34.40	0	0.0				
36	36.22	0	0.0				
37	38.04	0	0.0				
38	39.85	0	0.0				
39	41.67	0	0.0				
40	43.48	0	0.0				
41	45.30	0	0.0				

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 I PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
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 L DATA: H.TYSSELAND GEOCHEMISTRY  
 E RUN: PRODUCED FOR H.TYSSELAND  
 S TIME: 30/08/82 11:02:11

NAME	TH
N	82
X BAR	9.8780
STD DEV	7.2663



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	TH
N	82
X BAR	0.84249
STD DEV	0.41637

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-1.187	0	0.0				
3	-1.083	0	0.0				
4	-0.9792	0	0.0				0.6495E-01
5	-0.8751	0	0.0				0.8255E-01
6	-0.7710	0	0.0				0.1049
7	-0.6669	0	0.0				0.1333
8	-0.5628	0	0.0				0.1694
9	-0.4587	0	0.0				0.2153
10	-0.3546	0	0.0				0.2736
11	-0.2505	0	0.0				0.3477
12	-0.1465	0	0.0				0.4419
13	-0.4236E-01	10	12.2	*****			0.5616
14	0.6173E-01	0	0.0				0.7137
15	0.1658	0	0.0				0.9071
16	0.2699	3	3.7	****			1.153
17	0.3740	5	6.1	*****			1.465
18	0.4781	0	0.0				1.862
19	0.5822	4	4.9	*****			2.366
20	0.6863	10	12.2	*****			3.007
21	0.7904	3	3.7	****			3.821
22	0.8945	7	8.5	*****			4.856
23	0.9986	15	18.3	*****			6.171
24	1.103	13	15.9	*****			7.843
25	1.207	4	4.9	*****			9.967
26	1.311	5	6.1	*****			12.67
27	1.415	3	3.7	****			16.10
28	1.519	0	0.0				20.46
29	1.623	0	0.0				26.00
30	1.727	0	0.0				33.04
31	1.831	0	0.0				41.99
32	1.935	0	0.0				53.36
33	2.040	0	0.0				67.81
34	2.144	0	0.0				86.18
35	2.248	0	0.0				109.5
36	2.352	0	0.0				139.2
37	2.456	0	0.0				176.9
38	2.560	0	0.0				224.8
39	2.664	0	0.0				285.7
40	2.768	0	0.0				363.1
41	2.872	0	0.0				461.4
							586.4
							745.2

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 PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
 DATA: H. TYSSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H. TYSSSELAND  
 TIME: 30/08/82 11:02:11

NAME	TH
N	82
X BAR	0.84243
STD DEV	0.41637

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT		
1	1.857	0	0.0	*														72.00
2	1.805	0	0.0	*														63.87
3	1.753	0	0.0	*														56.66
4	1.701	0	0.0	*														50.26
5	1.649	0	0.0	*														44.58
6	1.597	0	0.0	*														39.55
7	1.545	0	0.0	*														35.08
8	1.493	2	2.4	*	*													31.12
9	1.441	1	3.7	*	*	*												27.60
10	1.389	0	3.7	*	*													24.49
11	1.337	3	7.3	*	*	*												21.72
12	1.285	2	9.8	*	*	*												19.27
13	1.233	2	12.2	*	*	*												17.09
14	1.181	3	15.9	*	*	*	*											15.16
15	1.129	8	25.6	*	*	*	*	*										13.45
16	1.077	8	35.4	*	*	*	*	*	*									11.93
17	1.025	6	42.7	*	*	*	*	*	*	*								10.58
18	0.9725	5	48.8	*	*	*	*	*	*	*	*							9.387
19	0.9205	1	50.0	*	*	*	*	*	*	*	*	*						8.327
20	0.8685	6	57.3	*	*	*	*	*	*	*	*	*	*					7.387
21	0.8164	3	61.0	*	*	*	*	*	*	*	*	*	*	*				6.553
22	0.7644	9	72.0	*	*	*	*	*	*	*	*	*	*	*	*			5.812
23	0.7123	0	72.0	*	*	*	*	*	*	*	*	*	*	*	*	*		5.156
24	0.6603	1	73.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.574
25	0.6082	0	73.2	*	*	*	*	*	*	*	*	*	*	*	*	*	*	4.057
26	0.5562	4	78.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.599
27	0.5041	0	78.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	3.192
28	0.4521	5	84.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.832
29	0.4000	0	84.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.512
30	0.3480	0	84.1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	2.228
31	0.2959	3	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.977
32	0.2439	0	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.753
33	0.1918	0	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.555
34	0.1398	0	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.380
35	0.8775E-01	0	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.224
36	0.3571E-01	0	87.8	*	*	*	*	*	*	*	*	*	*	*	*	*	*	1.086
37	-0.1634E-01	10	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.9631
38	-0.6839E-01	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.8543
39	-0.1204	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.7578
40	-0.1725	0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0.6722
41		0	100.0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	

T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

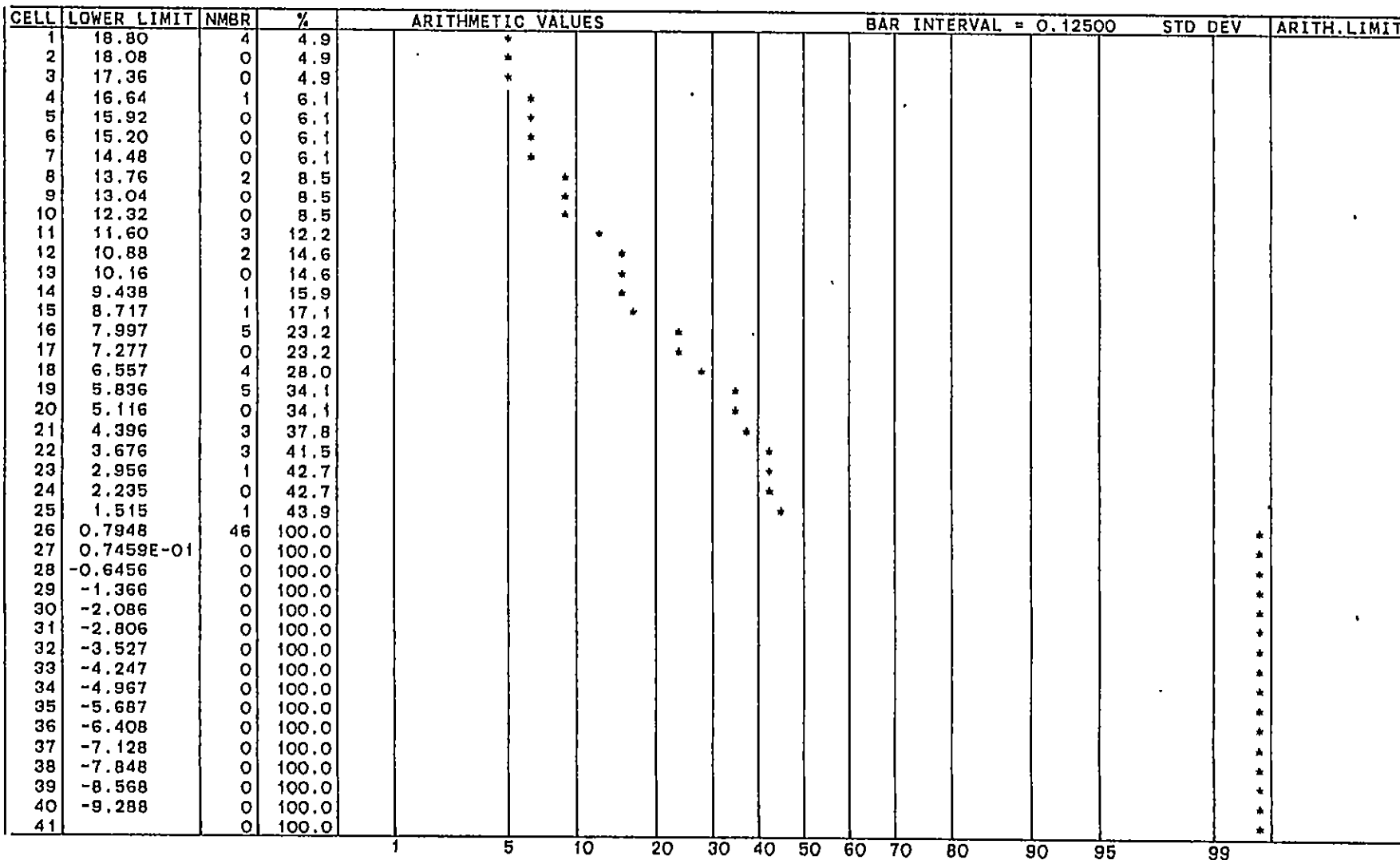
NAME	U
N	82
X BAR	4.7561
STD DEV	5.7619

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-23.33	0	0.0				
3	-21.89	0	0.0				
4	-20.45	0	0.0				
5	-19.01	0	0.0				
6	-17.57	0	0.0				
7	-16.13	0	0.0				
8	-14.69	0	0.0				
9	-13.25	0	0.0				
10	-11.81	0	0.0				
11	-10.37	0	0.0				
12	-8.928	0	0.0				
13	-7.488	0	0.0				
14	-6.047	0	0.0				
15	-4.607	0	0.0				
16	-3.166	0	0.0				
17	-1.726	0	0.0				
18	-0.2855	46	56.1	*****			
19	1.155	1	1.2	*			
20	2.595	4	4.9	****			
21	4.036	3	3.7	****			
22	5.476	5	6.1	*****			
23	6.917	9	11.0	*****			
24	8.357	1	1.2	*			
25	9.798	3	3.7	****			
26	11.24	3	3.7	****			
27	12.68	2	2.4	**			
28	14.12	0	0.0				
29	15.56	1	1.2	*			
30	17.00	0	0.0				
31	18.44	0	0.0				
32	19.88	1	1.2	*			
33	21.32	1	1.2	*			
34	22.76	1	1.2	*			
35	24.20	0	0.0				
36	25.64	1	1.2	*			
37	27.08	0	0.0				
38	28.52	0	0.0				
39	29.96	0	0.0				
40	31.40	0	0.0				
41	32.85	0	0.0				

**T**  
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PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
DATA:	H.TYSSELAND GEOCHEMISTRY
RUN:	PRODUCED FOR H.TYSSELAND
TIME:	30/08/82 11:02:11

NAME	U
N	82
X BAR	4.7561
STD DEV	5.7619



T I T L E S	PROGRAM: PERCENTAGE HISTOGRAMS
	DATA: H.TYSSELAND GEOCHEMISTRY
	RUN: PRODUCED FOR H.TYSSELAND
	TIME: 30/08/82 11:02:11

NAME	U
N	82
X BAR	0.39886
STD DEV	0.48317

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-1.957	0	0.0				
3	-1.836	0	0.0				0.1105E-01
4	-1.715	0	0.0				0.1459E-01
5	-1.594	0	0.0				0.1927E-01
6	-1.473	0	0.0				0.2546E-01
7	-1.353	0	0.0				0.3362E-01
8	-1.232	0	0.0				0.4440E-01
9	-1.111	0	0.0				0.5864E-01
10	-0.9903	0	0.0				0.7744E-01
11	-0.8695	0	0.0				0.1023
12	-0.7487	0	0.0				0.1351
13	-0.6279	0	0.0				0.1784
14	-0.5071	0	0.0				0.2356
15	-0.3863	0	0.0				0.3111
16	-0.2655	0	0.0				0.4109
17	-0.1447	0	0.0				0.5426
18	-0.2391E-01	46	56.1	*****			0.7166
19	0.9688E-01	0	0.0				0.9464
20	0.2177	1	1.2	*			1.250
21	0.3385	0	0.0				1.651
22	0.4593	1	1.2	*			2.180
23	0.5801	6	7.3	*****			2.879
24	0.7008	5	6.1	*****			3.802
25	0.8216	9	11.0	*****			5.022
26	0.9424	4	4.9	*****			6.632
27	1.063	5	6.1	*****			8.758
28	1.184	1	1.2	*			11.57
29	1.305	4	4.9	*****			15.28
30	1.426	0	0.0				20.17
31	1.546	0	0.0				26.64
32	1.667	0	0.0				35.19
33	1.788	0	0.0				46.47
34	1.909	0	0.0				61.37
35	2.030	0	0.0				81.05
36	2.150	0	0.0				107.0
37	2.271	0	0.0				141.4
38	2.392	0	0.0				186.7
39	2.513	0	0.0				246.6
40	2.634	0	0.0				325.6
41	2.754	0	0.0				430.1
							568.0

T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

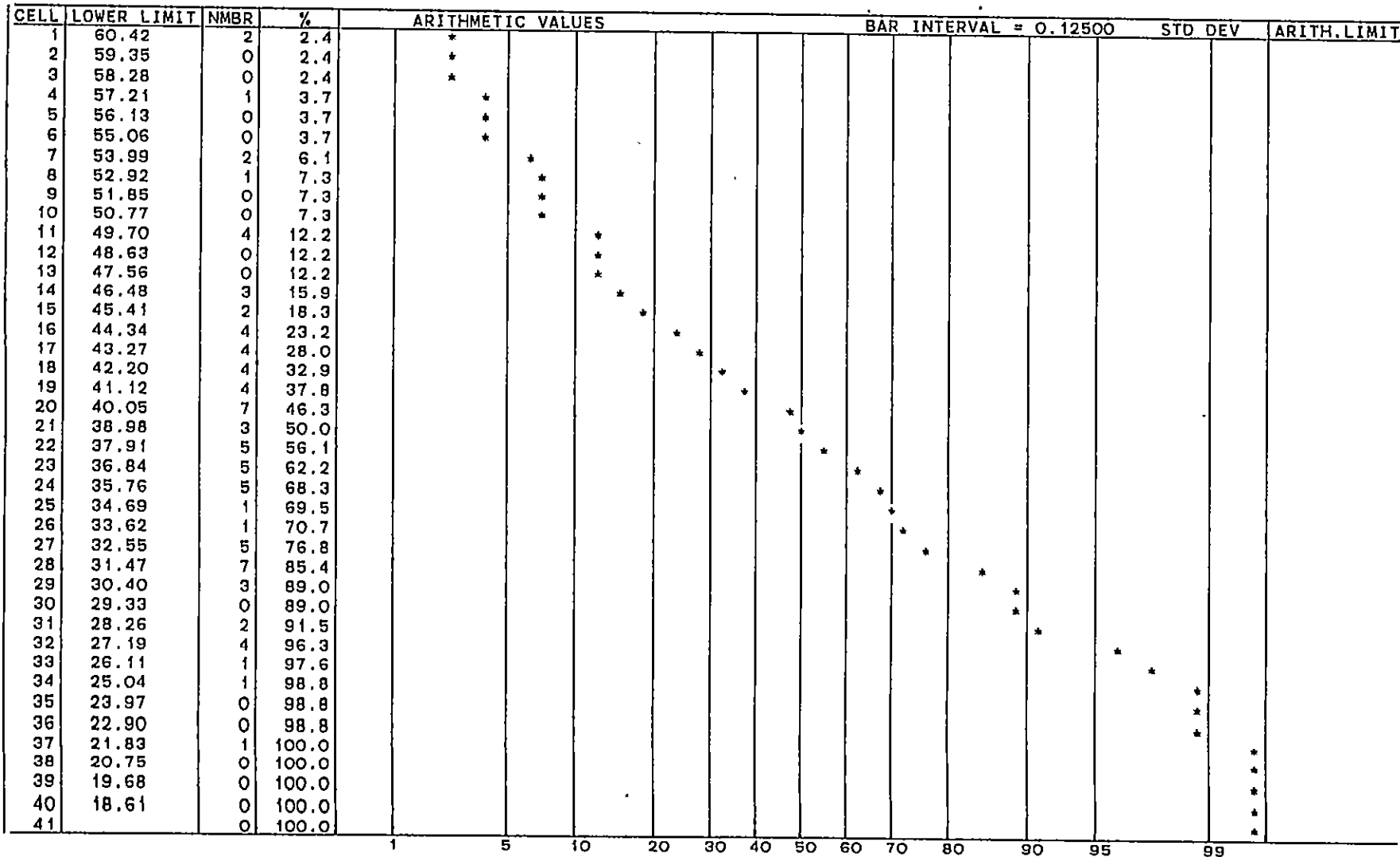
NAME	V
N	82
X BAR	39.516
STD DEV	8.5772

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-2.298	0	0.0				
3	-0.1537	0	0.0				
4	1.991	0	0.0				
5	4.135	0	0.0				
6	6.279	0	0.0				
7	8.424	0	0.0				
8	10.57	0	0.0				
9	12.71	0	0.0				
10	14.86	0	0.0				
11	17.00	0	0.0				
12	19.14	0	0.0				
13	21.29	1	1.2	*			
14	23.43	0	0.0				
15	25.58	4	4.9	*****			
16	27.72	4	4.9	*****			
17	29.87	5	6.1	*****			
18	32.01	11	13.4	*****			
19	34.15	2	2.4	**			
20	36.30	12	14.6	*****			
21	38.44	8	9.8	*****			
22	40.59	10	12.2	*****			
23	42.73	9	11.0	*****			
24	44.88	5	6.1	*****			
25	47.02	1	1.2	*			
26	49.16	4	4.9	*****			
27	51.31	0	0.0				
28	53.45	3	3.7	****			
29	55.60	0	0.0				
30	57.74	1	1.2	*			
31	59.89	0	0.0				
32	62.03	0	0.0				
33	64.18	1	1.2	*			
34	66.32	0	0.0				
35	68.46	1	1.2	*			
36	70.61	0	0.0				
37	72.75	0	0.0				
38	74.90	0	0.0				
39	77.04	0	0.0				
40	79.19	0	0.0				
41	81.33	0	0.0				



T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	V
N	82
X BAR	39.516
STD DEV	8.5772



T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	V
N	82
X BAR	1.5871
STD DEV	0.91615E-01

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	1.141	0	0.0				
3	1.163	0	0.0				13.82
4	1.186	0	0.0				14.57
5	1.209	0	0.0				15.36
6	1.232	0	0.0				16.19
7	1.255	0	0.0				17.07
8	1.278	0	0.0				17.99
9	1.301	0	0.0				18.96
10	1.324	0	0.0				19.99
11	1.347	1	1.2	*			21.07
12	1.370	0	0.0				22.21
13	1.392	1	1.2	*			23.42
14	1.415	2	2.4	**			24.69
15	1.438	5	6.1	*****			26.02
16	1.461	0	0.0				27.43
17	1.484	8	9.8	*****			28.92
18	1.507	7	8.5	*****			30.48
19	1.530	2	2.4	**			32.13
20	1.553	8	9.8	*****			33.87
21	1.576	9	11.0	*****			35.71
22	1.599	12	14.6	*****			37.64
23	1.621	8	9.8	*****			39.68
24	1.644	6	7.3	*****			41.83
25	1.667	3	3.7	****			44.09
26	1.690	4	4.9	*****			46.48
27	1.713	2	2.4	**			49.00
28	1.736	1	1.2	*			51.65
29	1.759	1	1.2	*			54.45
30	1.782	0	0.0				57.40
31	1.805	1	1.2	*			60.51
32	1.828	1	1.2	*			63.78
33	1.851	0	0.0				67.24
34	1.873	0	0.0				70.88
35	1.896	0	0.0				74.72
36	1.919	0	0.0				78.76
37	1.942	0	0.0				83.03
38	1.965	0	0.0				87.52
39	1.988	0	0.0				92.26
40	2.011	0	0.0				97.26
41	2.034	0	0.0				102.5
							108.1

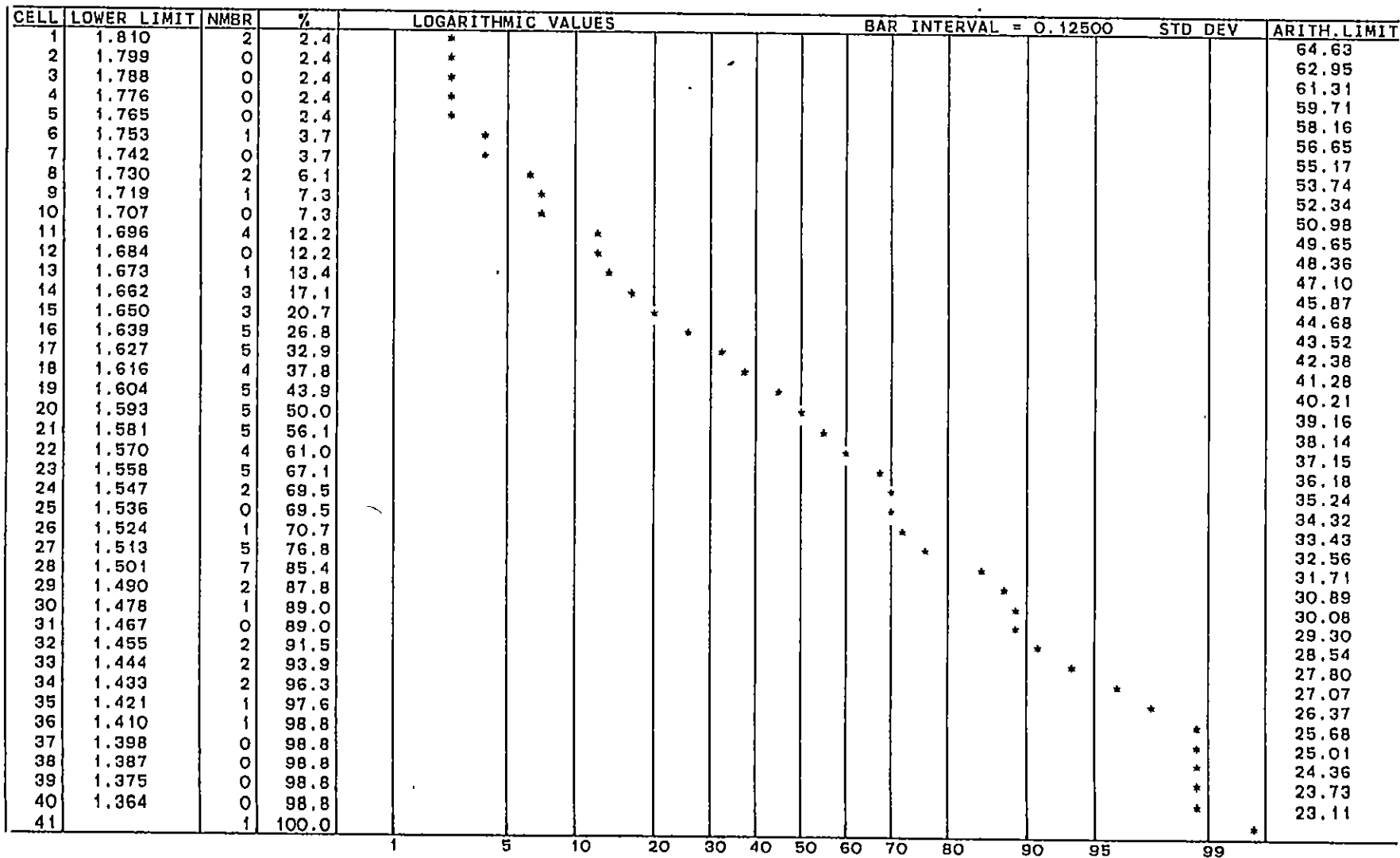
T I T L E S	PROGRAM:	PERCENTAGE HISTOGRAMS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	V
N	82
X BAR	1.5871
STD DEV	0.91615E-01

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	1.141	0	0.0				
3	1.163	0	0.0				13.82
4	1.186	0	0.0				14.57
5	1.209	0	0.0				15.36
6	1.232	0	0.0				16.19
7	1.255	0	0.0				17.07
8	1.278	0	0.0				17.99
9	1.301	0	0.0				18.96
10	1.324	0	0.0				19.99
11	1.347	1	1.2 *				21.07
12	1.370	0	0.0				22.21
13	1.392	1	1.2 *				23.42
14	1.415	2	2.4 **				24.69
15	1.438	5	6.1 *****				26.02
16	1.461	0	0.0				27.43
17	1.484	8	9.8 *****				28.92
18	1.507	7	8.5 *****				30.48
19	1.530	2	2.4 **				32.13
20	1.553	8	9.8 *****				33.87
21	1.576	9	11.0 *****				35.71
22	1.599	12	14.6 *****				37.64
23	1.621	8	9.8 *****				39.68
24	1.644	6	7.3 *****				41.83
25	1.667	3	3.7 ****				44.09
26	1.690	4	4.9 *****				46.48
27	1.713	2	2.4 **				49.00
28	1.736	1	1.2 *				51.65
29	1.759	1	1.2 *				54.45
30	1.782	0	0.0				57.40
31	1.805	1	1.2 *				60.51
32	1.828	1	1.2 *				63.78
33	1.851	0	0.0				67.24
34	1.873	0	0.0				70.88
35	1.896	0	0.0				74.72
36	1.919	0	0.0				78.76
37	1.942	0	0.0				83.03
38	1.965	0	0.0				87.52
39	1.988	0	0.0				92.26
40	2.011	0	0.0				97.26
41	2.034	0	0.0				102.5
							108.1

T I T L E S	PROGRAM:	PERCENTAGE CUMULATIVE FREQUENCY PLOTS
	DATA:	H.TYSSELAND GEOCHEMISTRY
	RUN:	PRODUCED FOR H.TYSSELAND
	TIME:	30/08/82 11:02:11

NAME	V
N	82
X BAR	1.5871
STD DEV	0.91615E-01



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PROGRAM:	PERCENTAGE HISTOGRAMS
DATA:	H. TYSSSELAND GEOCHEMISTRY
RUN:	PRODUCED FOR H. TYSSSELAND
TIME:	30/08/82 11:02:11

NAME	ZN
N	82
X BAR	202.18
STD DEV	263.15

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	-1081.	0	0.0				
3	-1015.	0	0.0				
4	-949.1	0	0.0				
5	-883.3	0	0.0				
6	-817.5	0	0.0				
7	-751.8	0	0.0				
8	-686.0	0	0.0				
9	-620.2	0	0.0				
10	-554.4	0	0.0				
11	-488.6	0	0.0				
12	-422.8	0	0.0				
13	-357.0	0	0.0				
14	-291.2	0	0.0				
15	-225.4	0	0.0				
16	-159.7	0	0.0				
17	-93.86	0	0.0				
18	-28.08	2	2.4	**			
19	37.71	32	39.0	*****			
20	103.5	19	23.2	*****			
21	169.3	10	12.2	*****			
22	235.1	6	7.3	*****			
23	300.9	4	4.9	*****			
24	366.7	2	2.4	**			
25	432.4	1	1.2	*			
26	498.2	1	1.2	*			
27	564.0	1	1.2	*			
28	629.8	1	1.2	*			
29	695.6	1	1.2	*			
30	761.4	0	0.0				
31	827.2	0	0.0				
32	893.0	0	0.0				
33	958.7	0	0.0				
34	1025.	0	0.0				
35	1090.	0	0.0				
36	1156.	1	1.2	*			
37	1222.	0	0.0				
38	1288.	0	0.0				
39	1353.	0	0.0				
40	1419.	0	0.0				
41	1485.	1	1.2	*			

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**I** PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
**T**  
**L** DATA: H. TYSSELAND GEOCHEMISTRY  
**E** RUN: PRODUCED FOR H. TYSSELAND  
**S** TIME: 30/08/82 11:02:11

NAME	ZN
N	82
X BAR	202.18
STD DEV	263.15

CELL	LOWER LIMIT	NMBR	%	ARITHMETIC VALUES										BAR INTERVAL = 0.12500	STD DEV	ARITH. LIMIT			
1	843.6	2	2.4																
2	810.7	0	2.4		*														
3	777.8	0	2.4		*														
4	744.9	1	3.7		*														
5	712.0	0	3.7		*														
6	679.1	0	3.7		*														
7	646.3	1	4.9		*														
8	613.4	0	4.9		*														
9	580.5	0	4.9		*														
10	547.6	2	7.3		*														
11	514.7	0	7.3		*														
12	481.8	0	7.3		*														
13	448.9	1	8.5		*														
14	416.0	0	8.5		*														
15	383.1	1	9.8		*														
16	350.2	1	11.0		*														
17	317.3	1	12.2		*														
18	284.4	5	18.3		*														
19	251.5	2	20.7		*														
20	218.6	3	24.4		*														
21	185.7	4	28.3		*														
22	152.8	10	41.5		*														
23	119.9	10	53.7		*														
24	87.05	14	70.7		*														
25	54.16	17	91.5		*														
26	21.26	6	98.8		*														
27	-11.63	1	100.0		*													*	
28	-44.52	0	100.0		*													*	
29	-77.42	0	100.0		*													*	
30	-110.3	0	100.0		*													*	
31	-143.2	0	100.0		*													*	
32	-176.1	0	100.0		*													*	
33	-209.0	0	100.0		*													*	
34	-241.9	0	100.0		*													*	
35	-274.8	0	100.0		*													*	
36	-307.7	0	100.0		*													*	
37	-340.6	0	100.0		*													*	
38	-373.5	0	100.0		*													*	
39	-406.4	0	100.0		*													*	
40	-439.3	0	100.0		*													*	
41		0	100.0		*													*	

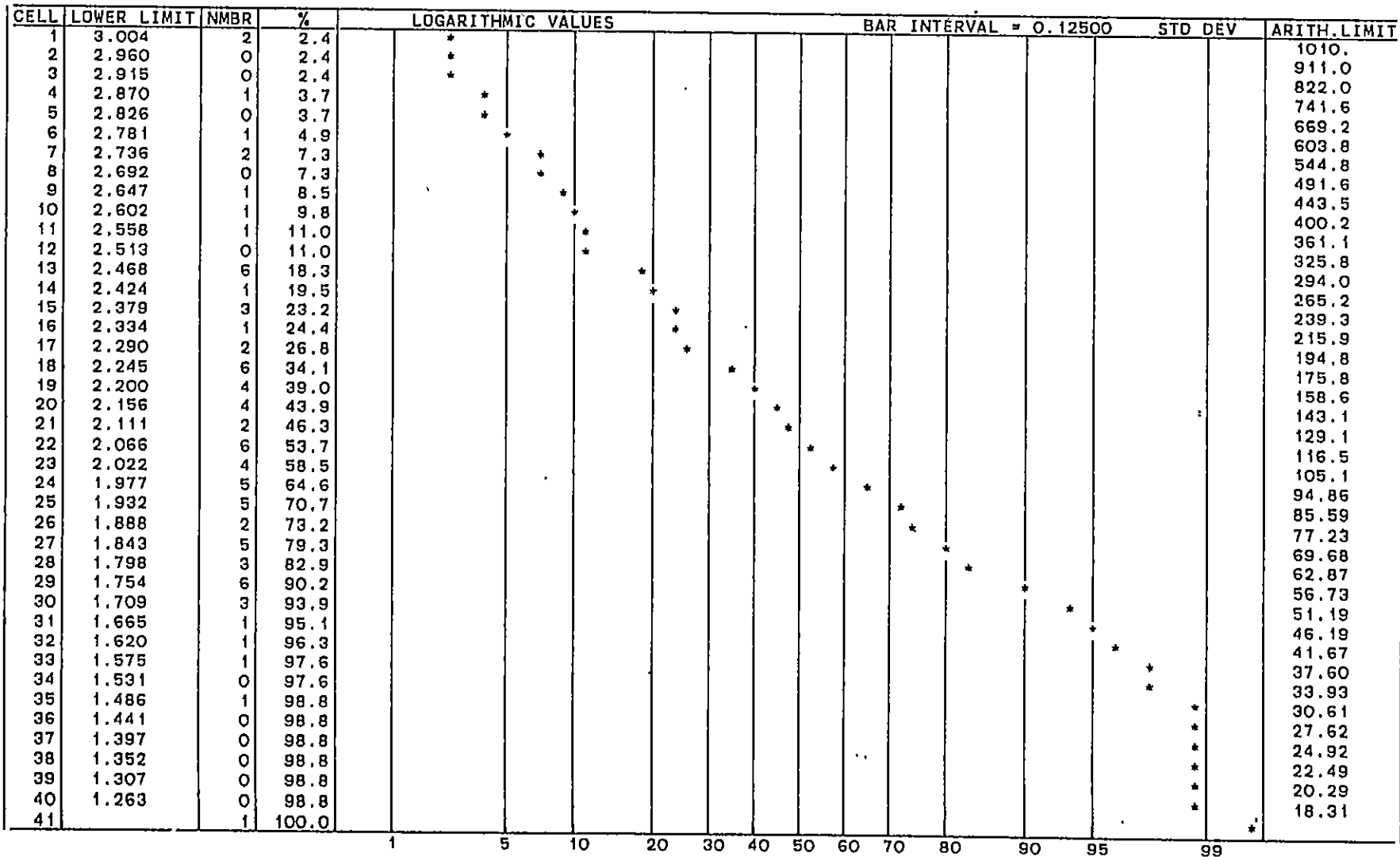
**TITLES**  
 PROGRAM: PERCENTAGE HISTOGRAMS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	ZN
N	82
X BAR	2.1334
STD DEV	0.35724

CELL	LOWER LIMIT	NMBR	%	LOGARITHMIC VALUES	BAR INTERVAL = 0.25000	STD DEV	ARITH.LIMIT
1		0	0.0				
2	0.3918	0	0.0				
3	0.4812	0	0.0				2.465
4	0.5705	0	0.0				3.028
5	0.6598	0	0.0				3.719
6	0.7491	0	0.0				4.568
7	0.8384	0	0.0				5.612
8	0.9277	0	0.0				6.893
9	1.017	0	0.0				8.466
10	1.106	1	1.2	*			10.40
11	1.196	0	0.0				12.77
12	1.285	0	0.0				15.69
13	1.374	0	0.0				19.27
14	1.464	1	1.2	*			23.67
15	1.553	1	1.2	*			29.08
16	1.642	3	3.7	****			35.72
17	1.731	10	12.2	*****			43.87
18	1.821	8	9.8	*****			53.89
19	1.910	9	11.0	*****			66.19
20	1.999	5	6.1	*****			81.31
21	2.089	10	12.2	*****			99.87
22	2.178	10	12.2	*****			122.7
23	2.267	5	6.1	*****			150.7
24	2.357	4	4.9	*****			185.1
25	2.446	6	7.3	*****			227.3
26	2.535	2	2.4	**			279.2
27	2.625	1	1.2	*			343.0
28	2.714	2	2.4	**			421.3
29	2.803	2	2.4	**			517.5
30	2.893	0	0.0				635.7
31	2.982	1	1.2	*			780.8
32	3.071	0	0.0				959.1
33	3.160	0	0.0				1178.
34	3.250	1	1.2	*			1447.
35	3.339	0	0.0				1777.
36	3.428	0	0.0				2183.
37	3.518	0	0.0				2682.
38	3.607	0	0.0				3294.
39	3.696	0	0.0				4046.
40	3.786	0	0.0				4970.
41	3.875	0	0.0				6104.
							7498.

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 PROGRAM: PERCENTAGE CUMULATIVE FREQUENCY PLOTS  
 DATA: H.TYSSELAND GEOCHEMISTRY  
 RUN: PRODUCED FOR H.TYSSELAND  
 TIME: 30/08/82 11:02:11

NAME	ZN
N	82
X BAR	2.1334
STD DEV	0.35724






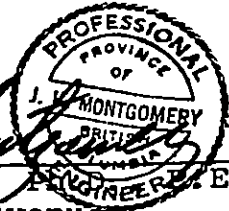
4.0 CERTIFICATE

I, J.H. Montgomery, of Vancouver, British Columbia hereby certify that:

1. I am a geological engineer and reside at 4153 West 11th Avenue, Vancouver, B.C.
2. I am a graduate of the University of British Columbia; B.Sc. in 1959, M.Sc. in 1960, Ph.D., in 1967.
3. I have practiced my profession since 1959.
4. I am a member of the Association of Professional Engineers of British Columbia.
5. I have no interest, direct or indirect, in Aspen Grove Mines Ltd. or any of the claims covered in this report.

DATED at Vancouver, British Columbia, this 20th day of August 1982.

  
\_\_\_\_\_  
J.H. Montgomery, Professional Engineer, Eng.  
4153 West 11th Avenue  
Vancouver, B.C.



3.0 ITEMIZED COST STATEMENT

(LIZ B and JOHN 2 Claim Groups)

1. PERSONNEL

(a) D.F. Symonds (B.Sc.-Geology)	
(Aug.2-9, 1982) - 7 days @ \$250	1,750.00
(b) H. TysseLand	
(Aug.2-9, 1982) - 7 days @ \$ 45	315.00

2. TRANSPORATION

FWD Truck	
(a) Kilometrage -1953 Km. @.12	234.36
(b) Gasoline	223.93

3. ACCOMODATION

(a) Motel	175.34
(b) Meals	162.15

4. GEOCHEMISTRY

(a) Analyses	787.41
(b) Supplies	10.97
(c) Computer Costs	510.00

5. REPORT PREPARATION

(a) Engineering-Data Analysis	
J.H. Montgomery 5 days @ \$400	2,000.00
(b) Photocopies	60.00
(c) Drafting	200.00
(d) Typing	120.00

TOTAL \$6,549.36

LIZ B 1-4	SHARE - 33.33%	\$2,182.90
JOHN 2	SHARE - 66.66%	\$4,365.80


12  
bismuth, cadmium, copper and partly coincident anomalies for lead, zinc and magnesium.

### 2.5 Conclusions and Recommendations

From the above, it appears that there are significant correlations between certain elements or groups of elements. It is also apparent that some of these elements or groups of elements relate to mineralization and possibly alteration and that a more detailed multielement study might be useful in the discovery of mineralization and in the determination of drilling targets.

Q The recommendation is made that the area be further sampled in greater detail. Following this a more meaningful study may be undertaken.

=

J.H. Montgomery  
J.H. Montgomery  
A circular professional seal for J.H. Montgomery, a Professional Engineer in the Province of Ontario. The seal contains the text: "PROFESSIONAL ENGINEER", "PROVINCE OF ONTARIO", "MONTGOMERY", "No. 12345", and "COLUMBIA".

Q

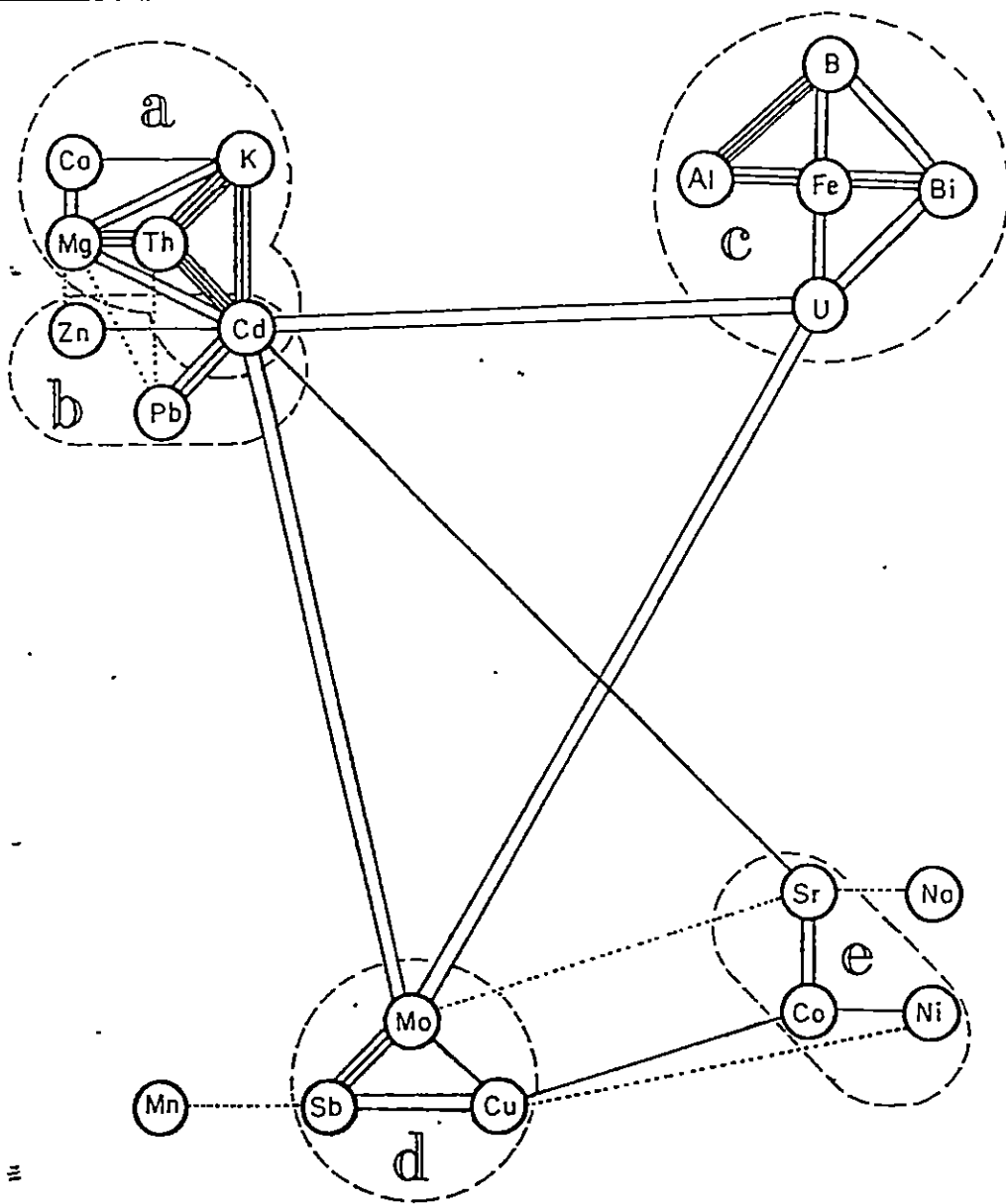


FIGURE 2-9

# ASPEN GROVE MINES

CORRELATION DIAGRAM

----->0.4    ———>0.5    =====>0.6    =====>0.7    =====>0.8

LIZ "B" 1-4 claims

## CORRELATION MATRIX

	AG	AL	AS	B	BI	CA	CD	CO	CU	FE	K
AG	1.0000										
AL	-0.2360	1.0000									
AS	0.0	0.0	1.0000								
B	-0.0843	0.8097	0.0	1.0000							
BI	-0.0587	0.5547	0.0	0.6368	1.0000						
CA	0.1316	-0.1775	0.0	0.0288	0.0506	1.0000					
CD	0.2221	-0.1198	0.0	0.1439	0.3817	0.3784	1.0000				
CO	0.2856	0.3271	0.0	0.4885	0.5757	0.0879	0.4376	1.0000			
CU	0.1121	0.0726	0.0	0.2474	0.5072	0.3420	0.4556	0.5501	1.0000		
FE	-0.2262	0.7368	0.0	0.6057	0.7673	-0.0579	-0.1466	0.3850	0.2576	1.0000	
K	0.1613	-0.0522	0.0	0.2786	0.4220	0.5454	0.7296	0.4508	0.4822	-0.0043	1.0000
MG	0.0727	0.0187	0.0	0.2347	0.4135	0.6053	0.6119	0.1793	0.2677	0.1660	0.6913
MN	0.1962	0.0565	0.0	0.0613	0.3400	-0.1034	0.2238	0.2787	0.2123	0.1796	-0.0264
MO	0.1105	-0.0072	0.0	0.1232	0.3597	0.2635	0.6387	0.3762	0.5892	0.0159	0.4101
NA	-0.0491	0.2511	0.0	0.4670	0.2333	0.3062	0.0299	0.1084	0.0965	0.2633	0.3305
NI	-0.2470	0.0971	0.0	0.4371	0.3575	0.1085	0.3521	0.5278	0.4288	0.1280	0.3810
P	-0.0637	0.4012	0.0	0.3318	0.0835	-0.1250	-0.0946	0.0920	-0.0987	0.1122	-0.1302
PB	0.1735	-0.0764	0.0	0.0974	0.3929	0.1482	0.7650	0.3078	0.2645	-0.0611	0.5261
SB	0.1475	-0.0815	0.0	0.0144	0.1934	0.2465	0.4351	0.1736	0.6326	-0.0385	0.2982
SR	0.1646	0.3692	0.0	0.5843	0.4512	0.2695	0.5131	0.6009	0.4663	0.1953	0.5824
TH	0.2569	-0.2180	0.0	0.0879	0.3125	0.5954	0.8499	0.3307	0.5207	-0.1395	0.8020
U	0.5909	-0.1865	0.0	0.1031	0.2403	0.3110	0.6776	0.4087	0.3955	-0.1867	0.5375
V	-0.0851	0.4667	0.0	0.3979	0.6308	0.0225	-0.0557	0.3346	0.2185	0.7523	0.1394
ZN	-0.0690	0.1068	0.0	0.2084	0.2645	0.1169	0.5551	0.0408	-0.0162	0.0810	0.3338

## CORRELATION MATRIX

	MG	MN	MO	NA	NI	P	PB	SB	SR	TH	U
MG	1.0000										
MN	-0.1435	1.0000									
MO	0.1535	0.2622	1.0000								
NA	0.3340	-0.1901	-0.1114	1.0000							
NI	0.1736	0.3014	0.2312	0.1738	1.0000						
P	-0.2356	0.1207	0.0663	0.0005	0.0671	1.0000					
PB	0.4066	0.4067	0.5153	-0.1307	0.2883	-0.1318	1.0000				
SB	0.0967	0.1919	0.7992	-0.0997	0.1130	0.0103	0.2596	1.0000			
SR	0.2834	0.0795	0.4815	0.4902	0.4291	0.0369	0.3151	0.2711	1.0000		
TH	0.7696	-0.0434	0.5490	0.1213	0.3441	-0.2064	0.5987	0.4323	0.4337	1.0000	
U	0.3020	0.2402	0.6015	0.0277	0.4261	0.0116	0.5695	0.4422	0.4674	0.6925	1.0000
V	0.3520	-0.1355	-0.0071	0.2292	0.0245	0.0111	-0.0643	-0.0458	0.1050	0.1136	-0.0108
ZN	0.4976	0.0825	0.1606	0.2272	0.0659	-0.0931	0.4140	0.0409	0.2670	0.3501	0.1367

## CORRELATION MATRIX

	V	ZN
V	1.0000	
ZN	-0.0691	1.0000

#### 2.43 Correlation

A Correlation coefficient matrix for 24 elements is shown on the page following. Coefficients of greater than 0.5 are considered significant. Figure 2-9 shows an illustration of the major relationships between the elements. The elements, silver and arsenic were not considered because most of the samples contained less than the detectable limits of those elements. Cadmium is correlative with four groups, the Pb-Zn-Cd group, the Ca-Mg-K-Th-Cd group, the Mo-Cu-Sb and the Fe-Al-Bi-U group.

#### 2.44 Summary

In this preliminary multielement geochemical study, even though only a small sampling was done, it is apparent that there are relationships between elements and groups of elements. This is shown by a perusal of the correlation matrix and also the geochemical plans (Figure 2-1 to 2-8 inclusive). Such relationships may be related to bedrock geology but also may be complicated by transported overburden. If only bedrock geology is considered a multielement study may be useful in defining rock type, alteration zones and mineralization. For purposes of this study, which is preliminary, only a few of the more significant elements were plotted. Figures 2-1 to 2-8 show coincident anomalous zones for

21. Thorium

Distribution: lognormal

Populations: bimodal with peaks at 3 and 8 ppm

22. Uranium

Distribution: lognormal

Populations: a main background population with a mode at 6 ppm and a few slightly anomalous values around 20 ppm.

23. Vanadium

Distribtuion: arithmetic

Populations: a single background population with a few anomalous samples over 60 ppm.

24. Zinc

Distribution: lognormal

Populations: trimodal curve with modes at 66, 120 and 280 ppm. A few higher single values are also present.

14. Molybdenum

Distribution: not available

Remarks: most samples contain less than the detection limit.

15. Sodium

Distribution: Arithmetic

Populations: A single population with a few anomalous values over 250 ppm

16. Nickel

Distribution: arithmetic

Populations: two populations, a background ranging 5 to 30 ppm and an anomalous greater than 30 ppm

17. Phosphorus

Distribution: arithmetic

Populations: background ranging 35 to 1750 and anomalous over.

18. Lead

Distribution: lognormal

Populations: A single background population ranging 3 to 90 ppm and a few anomalous samples.

19. Antimony

Distribution: not available

Populations: insufficient data

20. Strontium

Distribution: lognormal

Populations: bimodal with peaks at 25 and 40 ppm.



7. Cadmium  
Distribution: arithmetic  
Populations: Background -0.8 ppm  
Anomalous - 3
8. Cobalt  
Distribution: lognormal  
Populations: Background -11.15  
Anomalous - 26
9. Copper  
Distribtuion: lognormal  
Populations: Background - 20  
Anomalous - 37
10. Iron  
Distribtuion: Arithmetic  
Populations: Background - 45K  
Anomalous - 60K
11. Potassium  
Distribution: lognormal  
Populations: Essentially a single population  
ranging from about 300 to 3000 ppm.
12. Magnesium  
Distribution: arithmetic  
Populations: A bimodal population mainly but  
with several samples anomalously  
high. The two main populations  
range from 800 to 3800 ppm and  
3800 to 8000 ppm respectively
13. Manganese  
Distribution: lognormal  
Populations: Essentially a single population

OC

A summary of the results of the statistical study follows:

1. Silver

Distribution: not available

Populations: data insufficient

Remarks: Data set has too many gaps to make an estimation of population ranges and threshold values.

2. Aluminum

Distribution: arithmetic

Populations: essentially a single population

3. Arsenic

OC

Distribution: not available

Populations: arsenic not detectable in samples

4. Boron

Distribution: arithmetic

Populations: essentially a single population

5. Bismuth

Distribution: arithmetic

Populations: Anomalous-threshold 17 ppm  
Background-range 8-17 ppm

6. Calcium

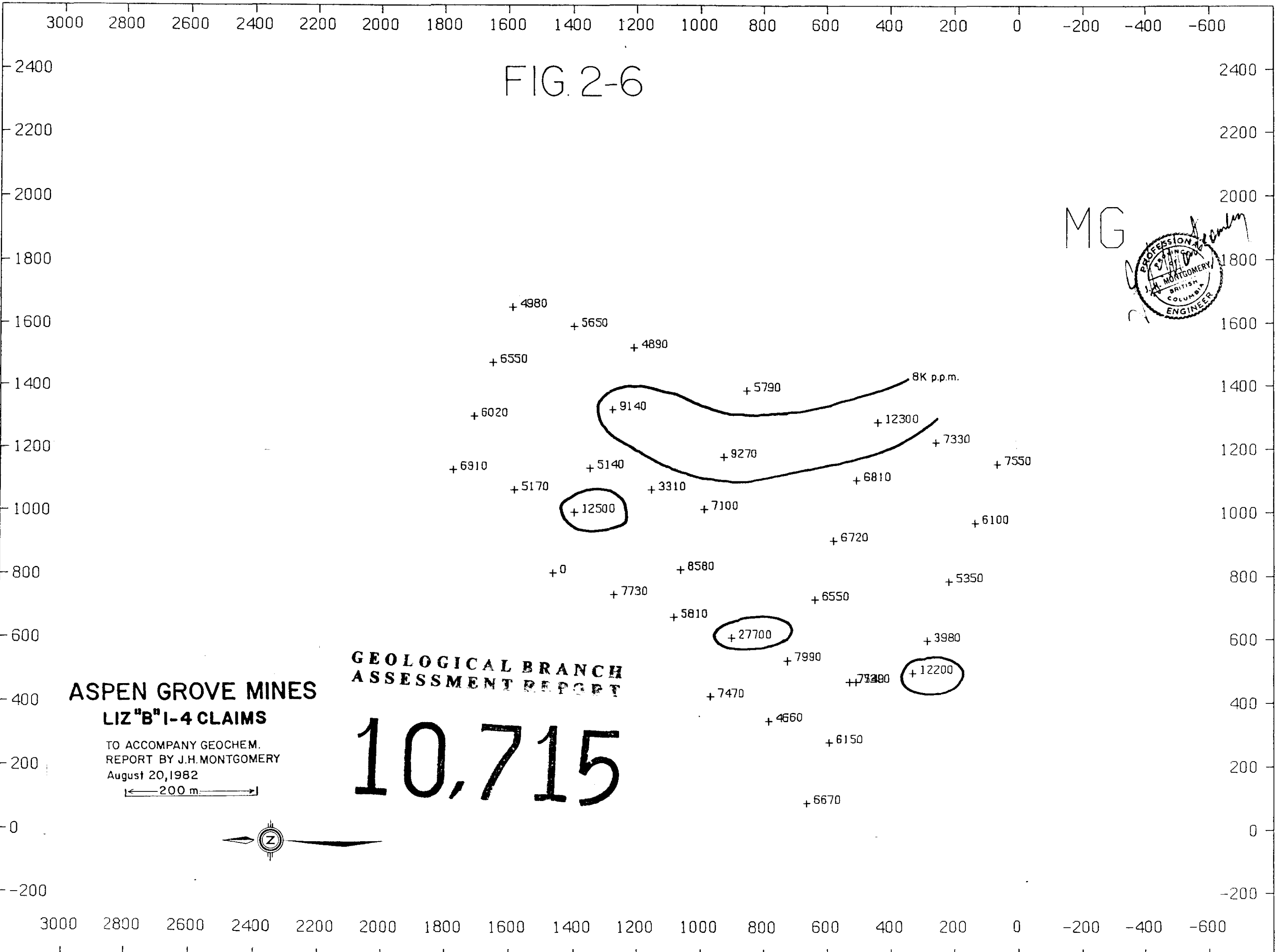
Distribution: lognormal

Populations: Background 1-500 ppm (av.)  
Background 2-3404 ppm (av.)  
Anomalous- 7000 ppm

OC

FIG. 2-6

MG  
PROFESSIONAL ENGINEER  
J.H. MONTGOMERY  
BRITISH COLUMBIA



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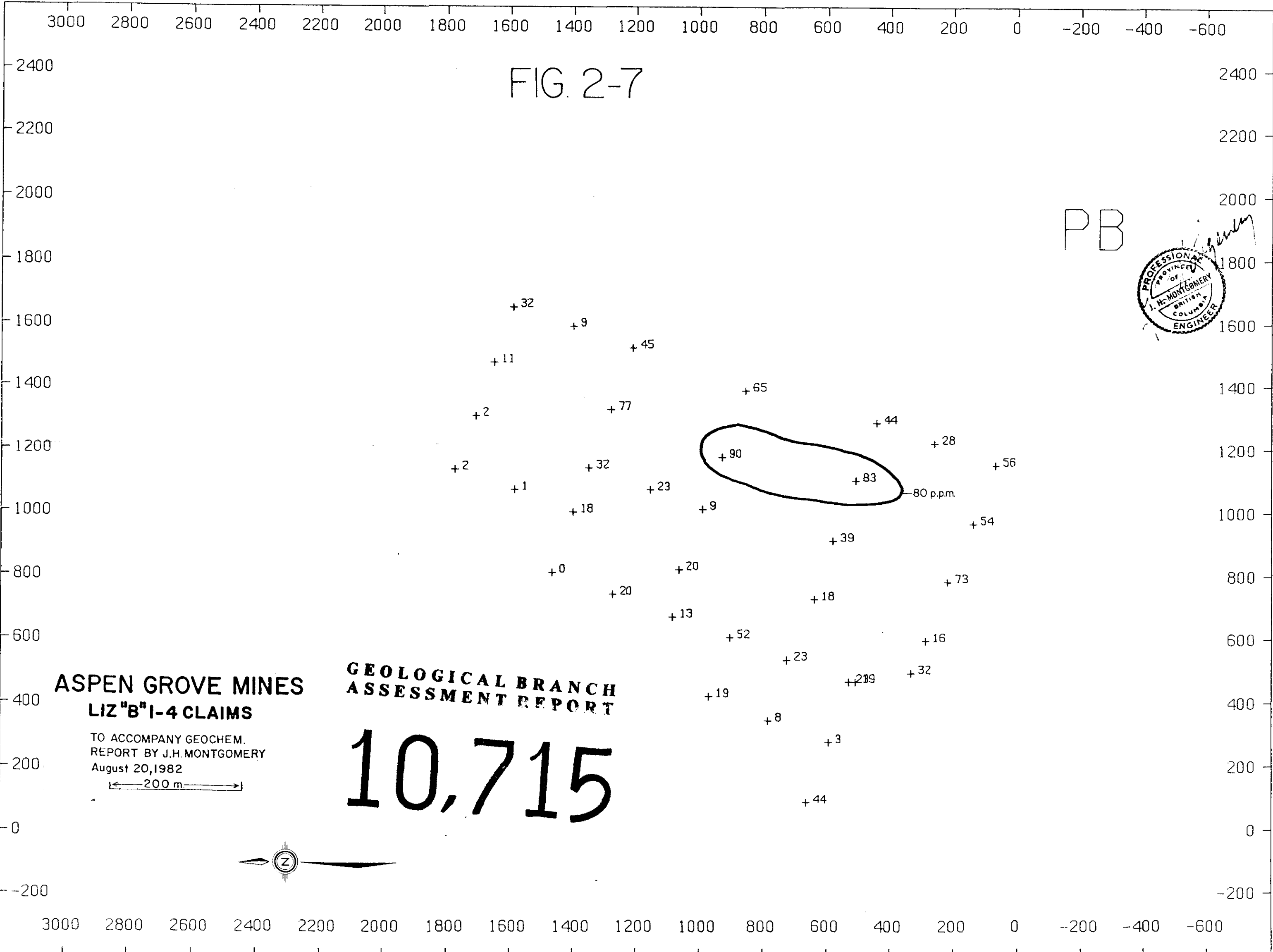
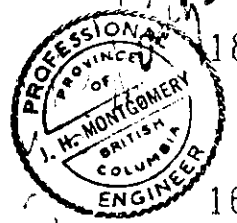
TO ACCOMPANY GEOCHEM.  
REPORT BY J.H. MONTGOMERY  
August 20, 1982  
← 200 m →

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

**10,715**

FIG. 2-7

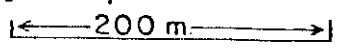
PB



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FIG. 2-5

FE

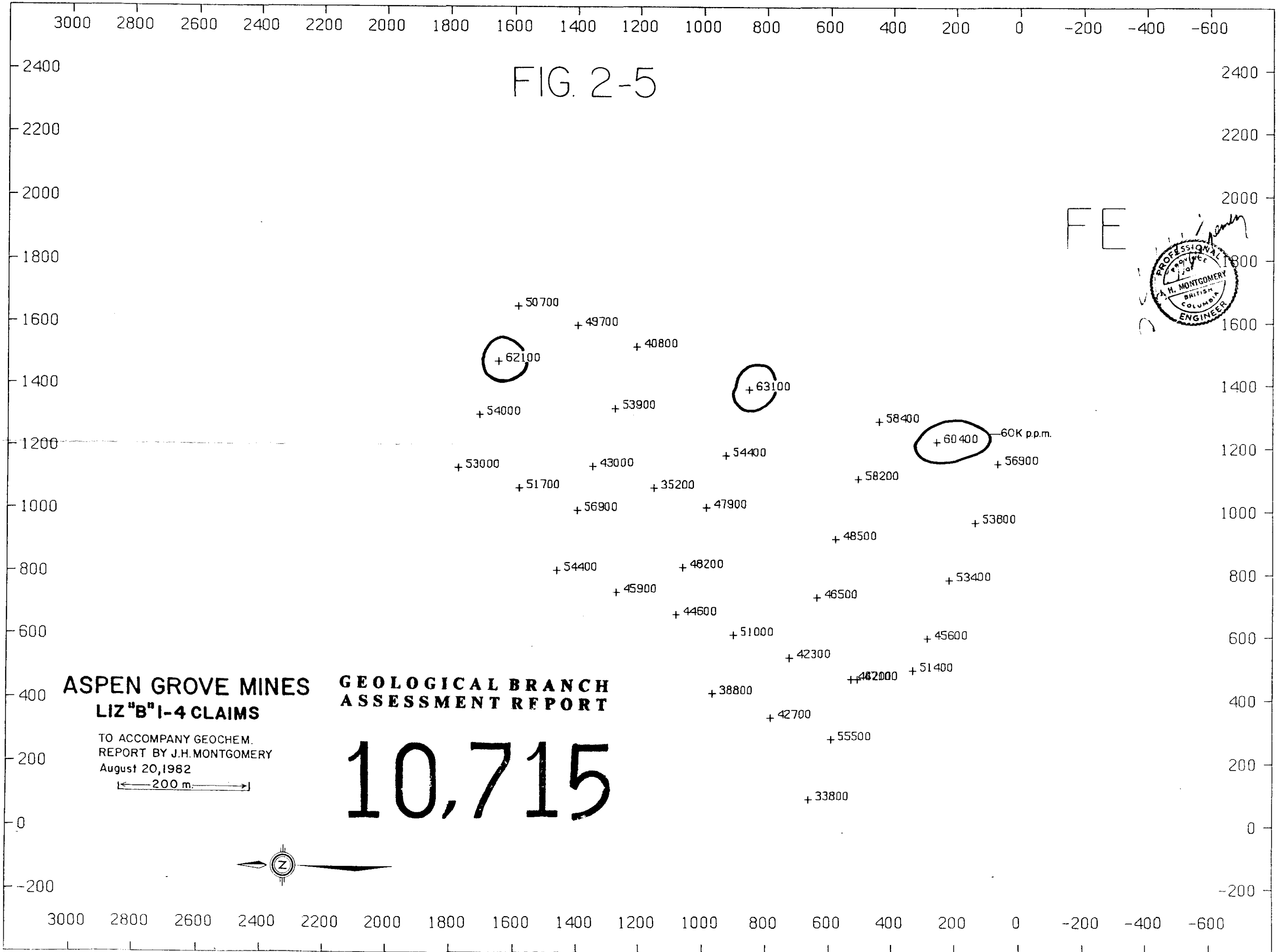
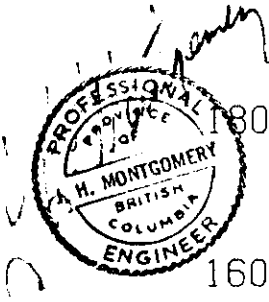
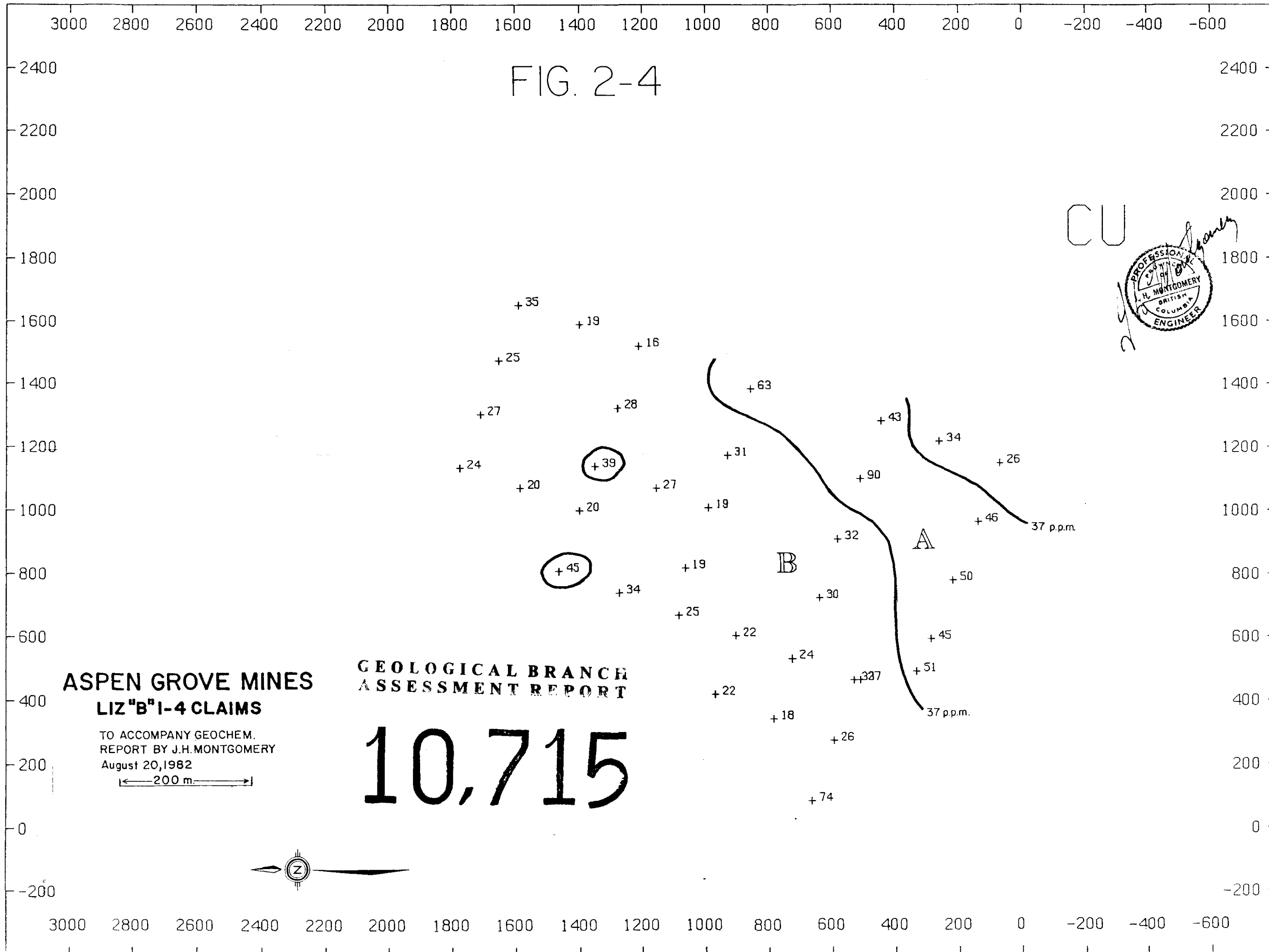


FIG. 2-4



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← 200 m. →

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CU

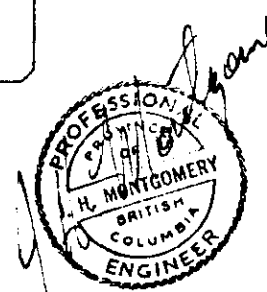
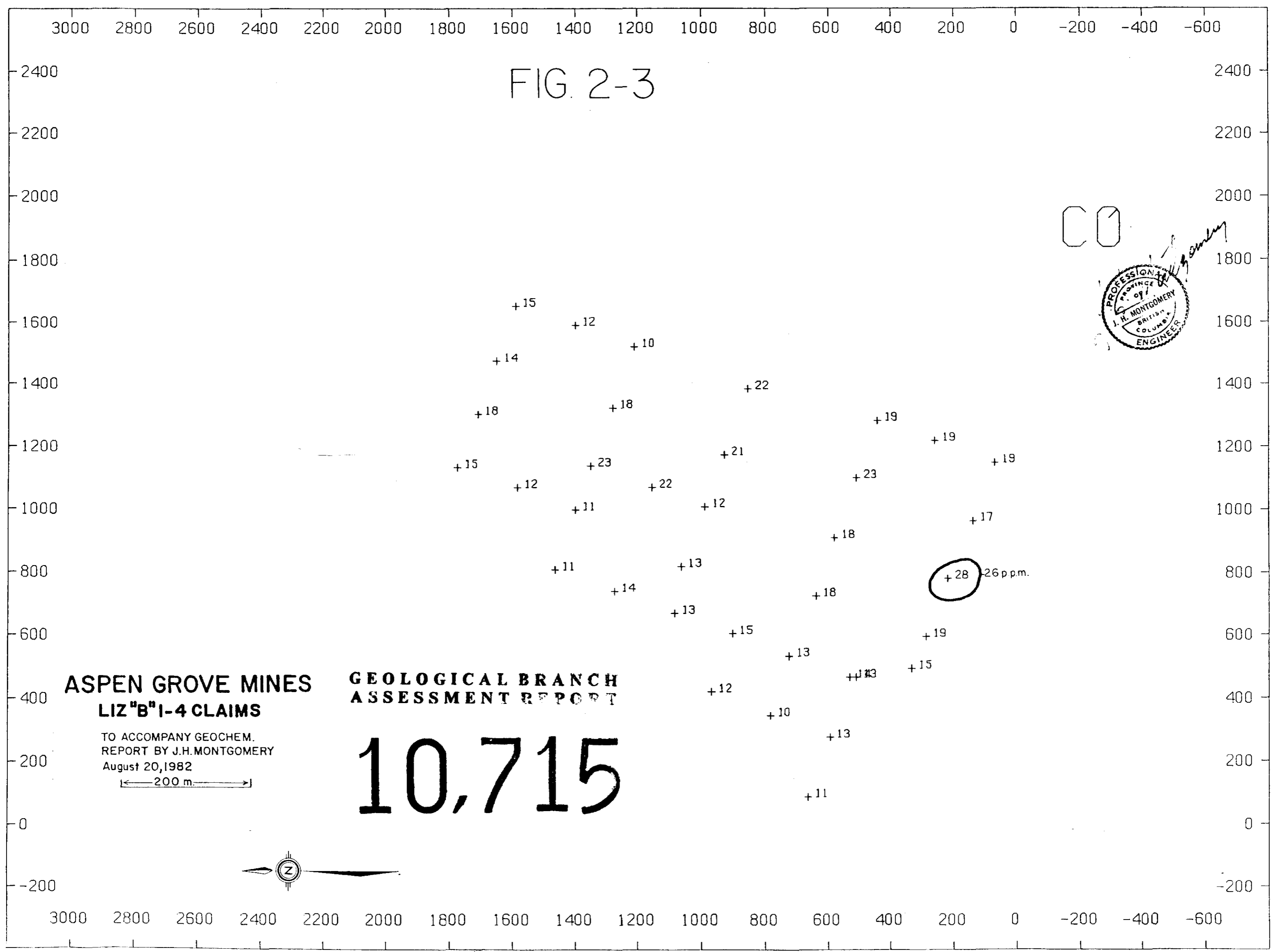


FIG. 2-3



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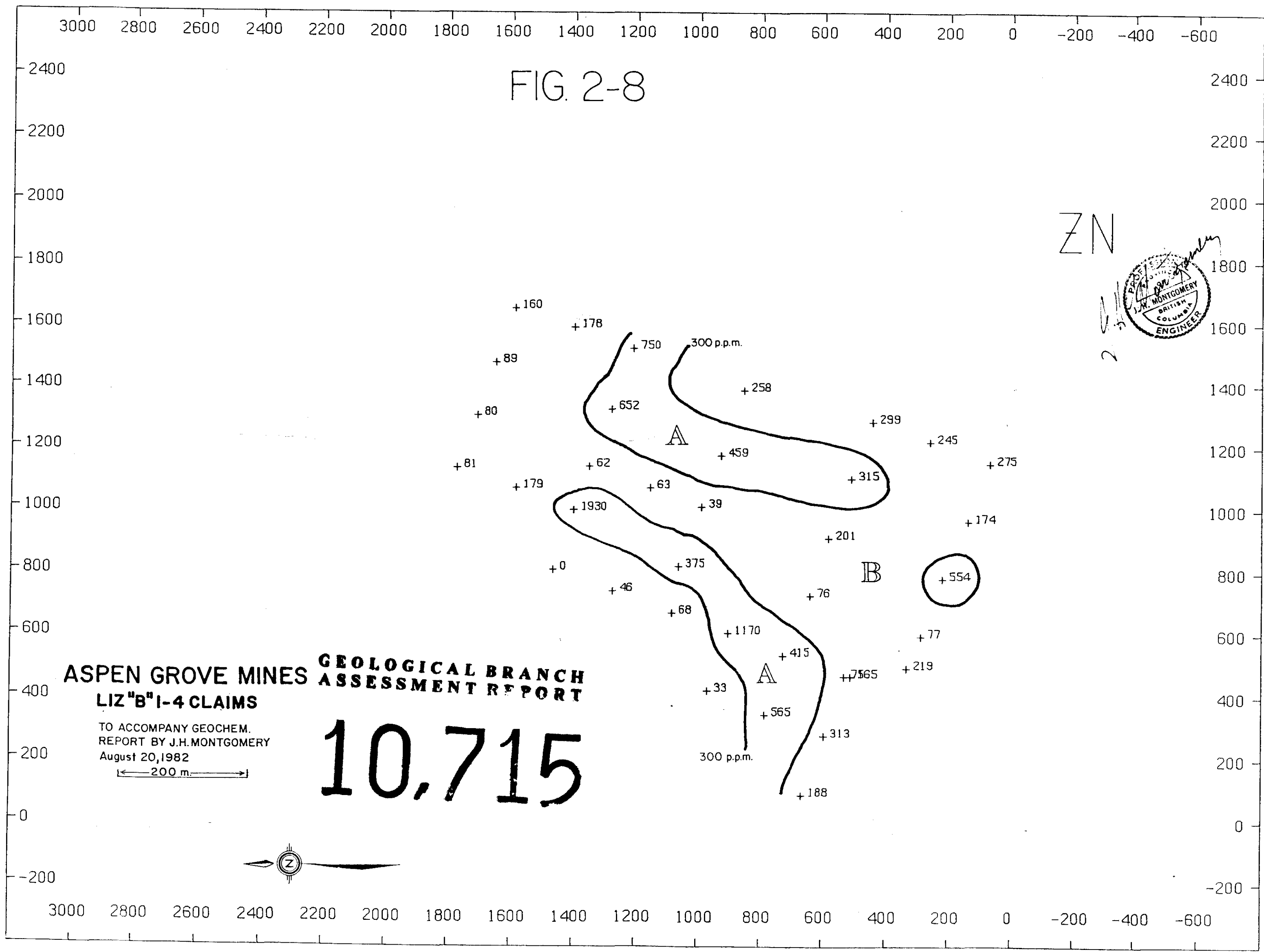
← 200 m →

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CO

FIG. 2-8



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ZN

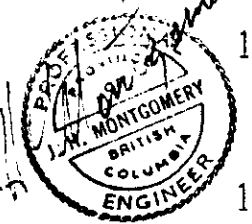




FIG. 2-2

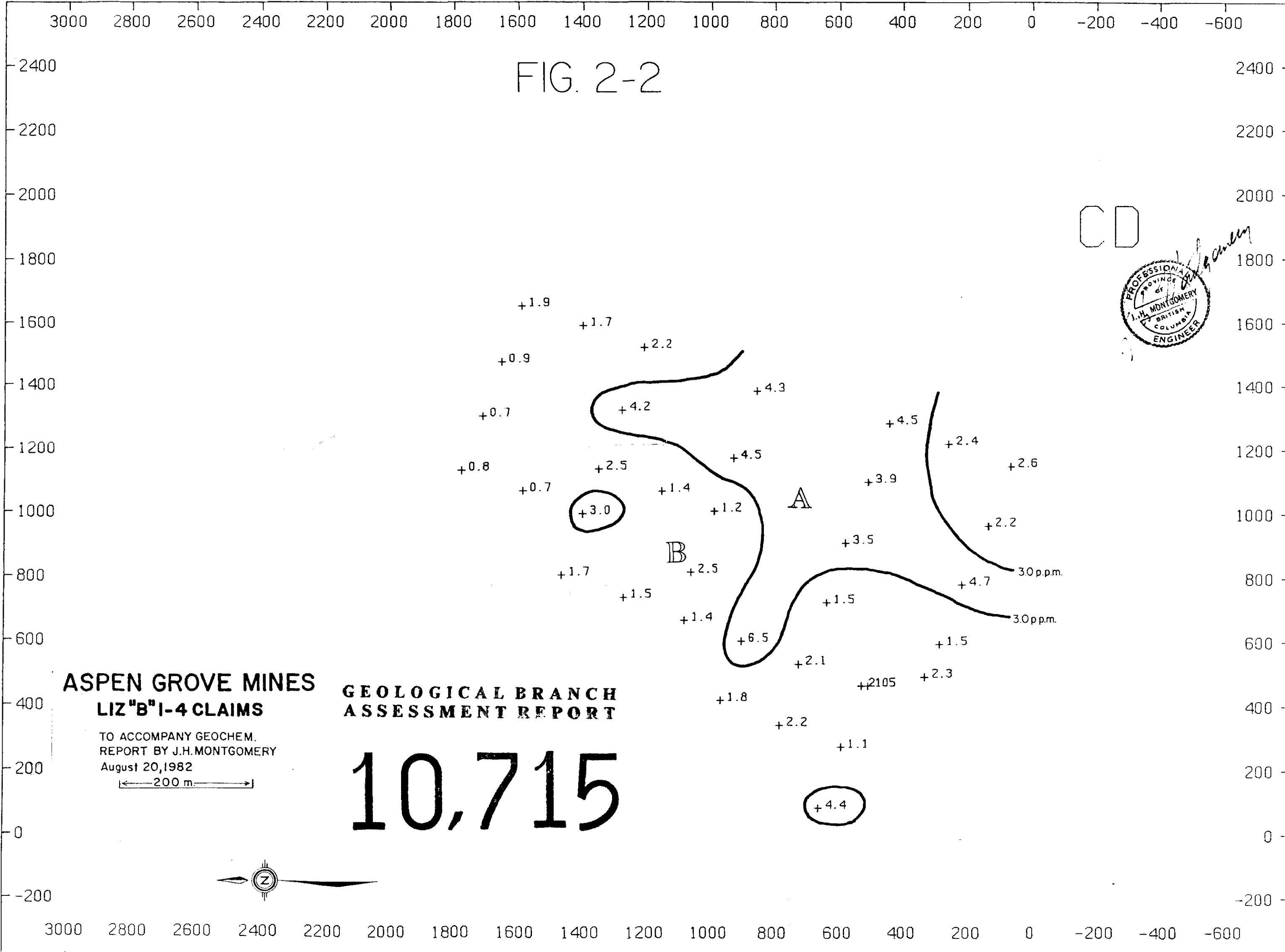
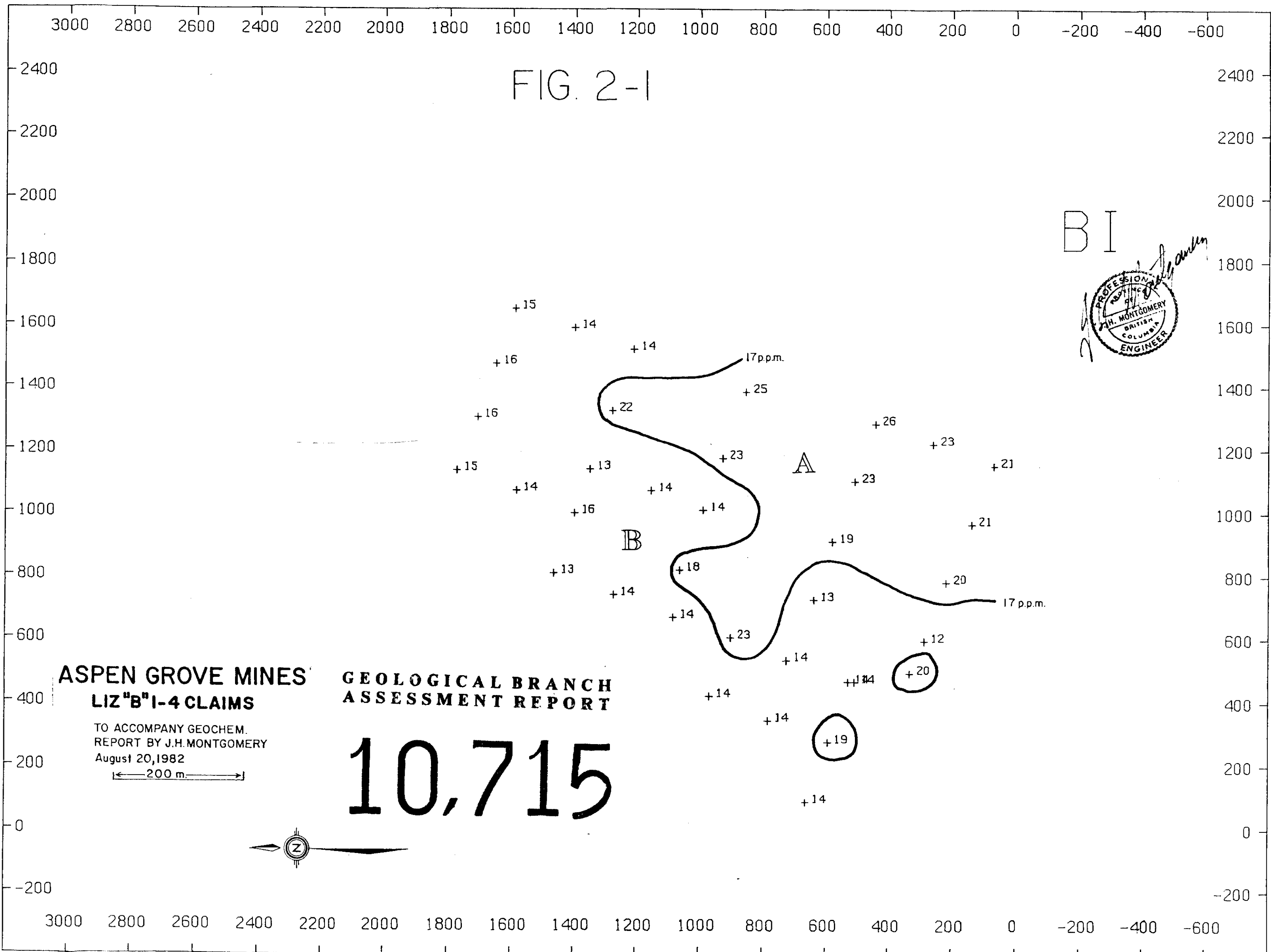
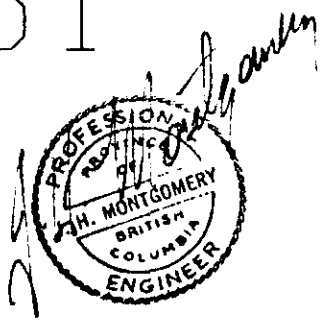


FIG. 2-1

BI



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← 200 m. →

