



Bergvesenet

Postboks 3021, 7002 Trondheim

Rapportarkivet

Bergvesenet rapport nr BV 1398	Intern Journal nr	Internt arkiv nr	Rapport lokalisering Trondheim	Gradering Åpen
Kommer fra ..arkiv	Ekstern rapport nr NGU 1797E	Oversendt fra	Fortrolig pga	Fortrolig fra dato:
Tittel Sporelementer i bekkesedimenter Kartblad 17132 Porsgrunn				
Forfatter B. Bjølviken		Dato 1981	Bedrift NGU	
Kommune Porsgrunn	Fylke Telemark	Bergdistrikt Østlandske	1: 50 000 kartblad 17132	1: 250 000 kartblad
Fagområde Geokjemi	Dokument type	Forekomster		
Råstofftype	Emneord			
Sammendrag Bekkesedimenter innsamlet på kartblad 17132 er analysert på 20 elementer og resultatene er i denne rapporten fremstilt på kart.				

NGU-rapport nr. 1797 **E**

Sporelementer i bekkesedimenter
Kartblad 1713 II Porsgrunn

1981

BEKKESEDIMENTER, STATISTISKE PARAMETRE FOR KARTBLADET

(Kartblad 1713II Porsgrunn)

NAME	MIN	MAX	MEAN	STD.DEV	NO.OF. NON ZEROS
Si	.010	.020	.010	.001	225
Al	.320	2.440	.996	.433	225
Fe	.300	6.070	1.388	.825	225
Ti	.010	.620	.101	.096	225
Mg	.070	1.780	.325	.265	225
Ca	.240	3.770	.798	.668	225
Na	.020	.100	.034	.015	225
K	.050	.490	.119	.059	225
Mn	70.000	11500.000	571.111	1023.591	225
Cu	8.400	155.500	19.855	14.512	225
Zn	13.700	315.100	55.431	36.564	225
Pb	1.000	73.900	9.663	11.754	225
Ni	1.000	56.900	7.615	7.948	225
Co	.700	24.800	5.135	4.825	225
V	9.300	157.100	28.513	23.391	225
Mo	.300	31.600	.720	2.408	225
Cd	1.000	2.000	1.008	.071	225
Cr	.300	34.700	2.365	5.198	225
Ba	12.300	394.900	43.894	33.814	225
Sr	9.100	204.000	30.118	28.220	225

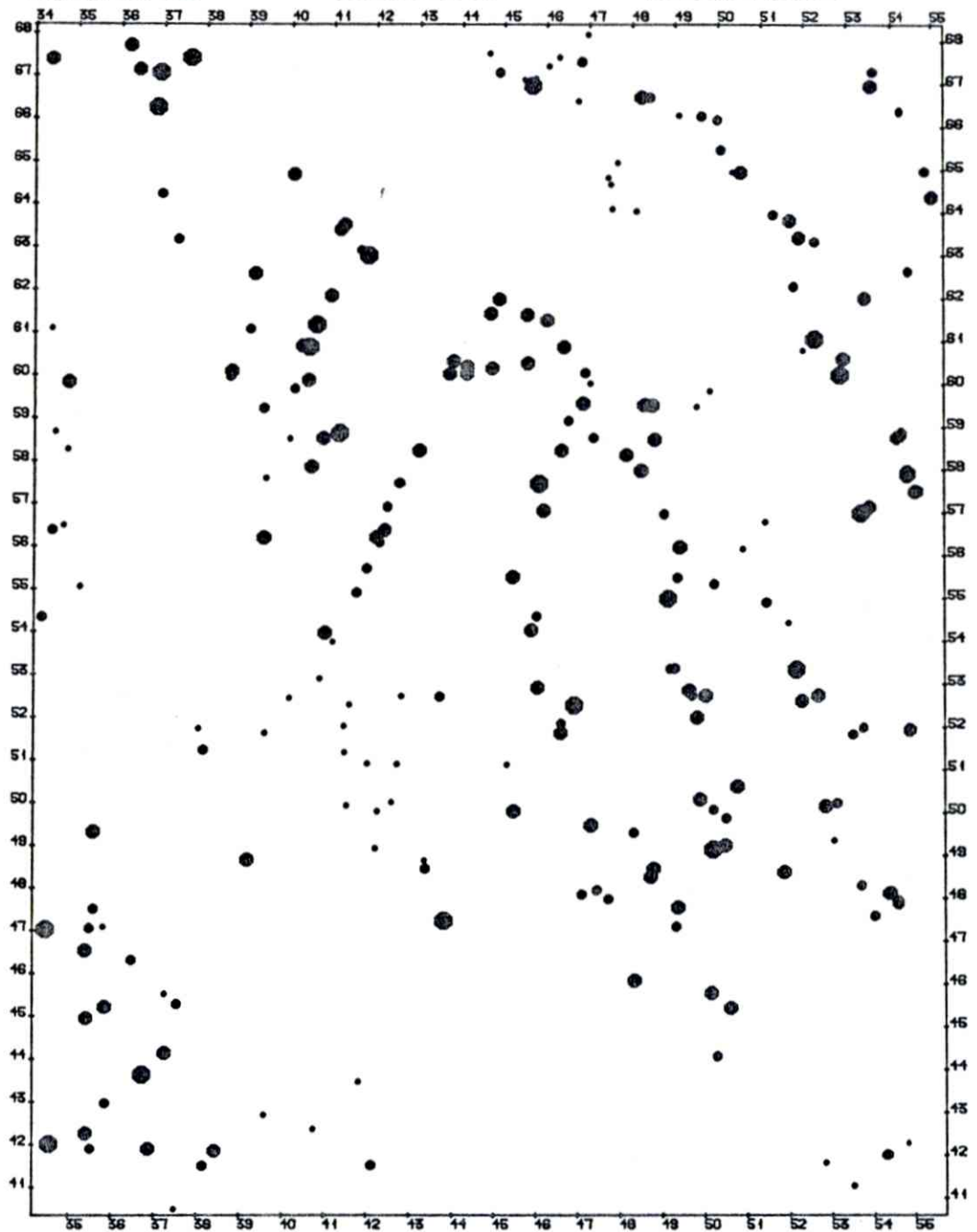
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

FRI, JAN 28, 1983

HNO₃ LØSELIG %AL

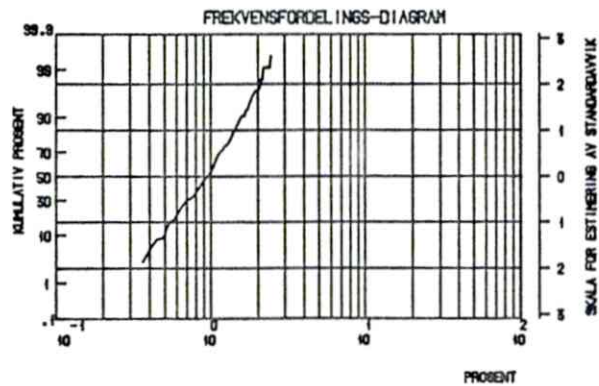
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : .63 1.00 1.60 2.50 3.90 6.30 10.00 16.00 25.00 39.00 > 39.00



AL

N = 225
 MIN = .32
 MAX = 2.44
 $\bar{x}$ = 1.00

MÅLESTOKK :

1 2 3 4 5 Km

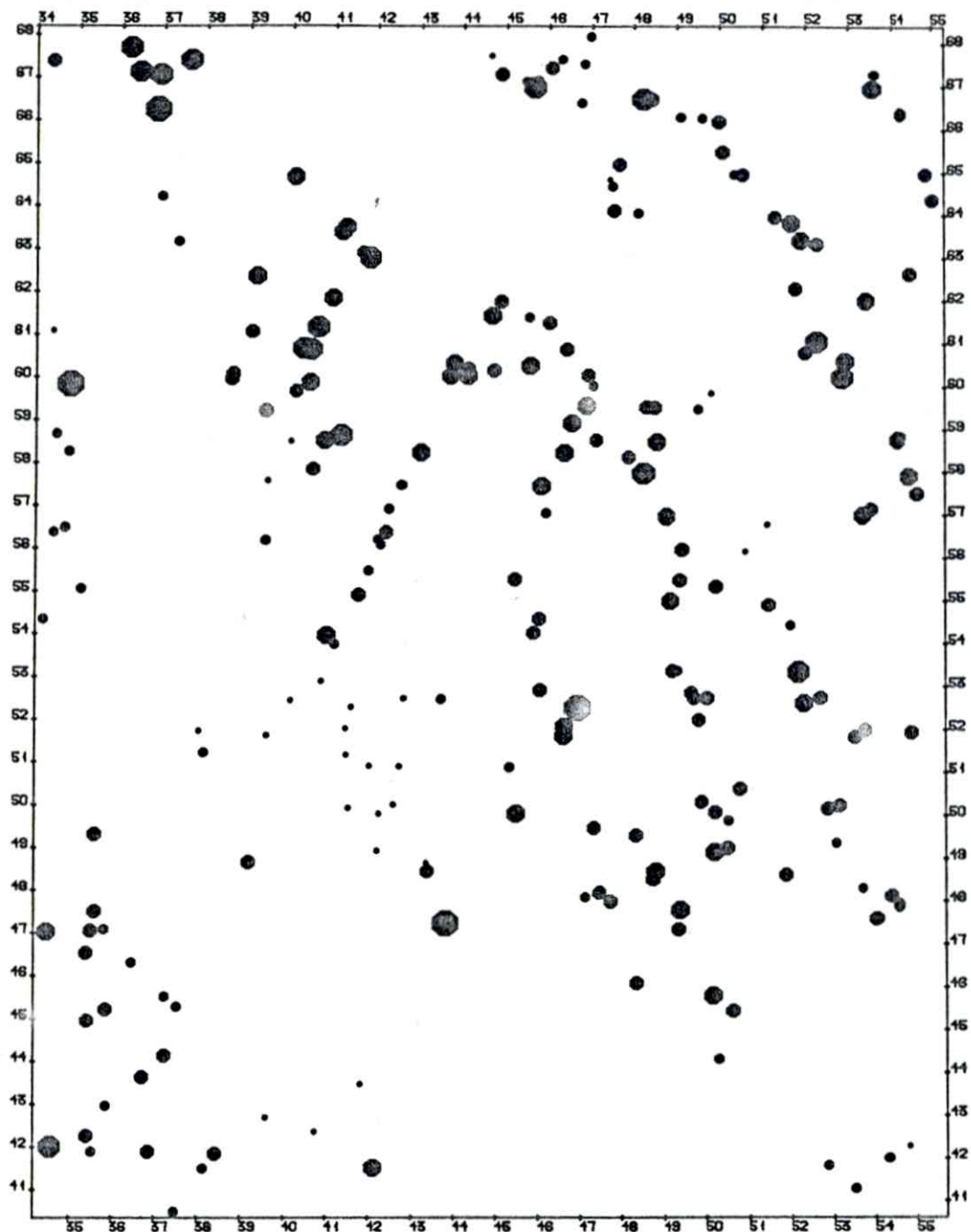
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

FRI, JAN 28, 1983

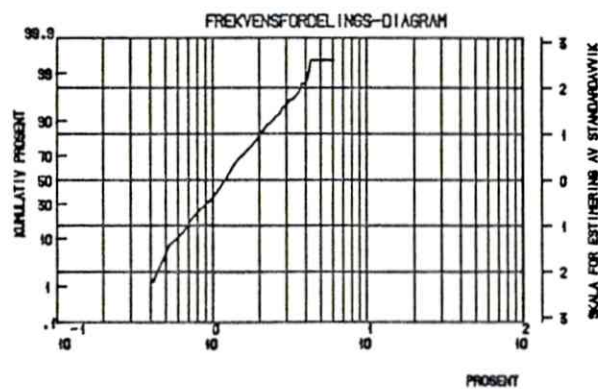
HNO₃ LOSELIG %FE

MÅLESTOKK : 1:100000



SYMBOL :

ØVRE GRENSE : .63 1.00 1.60 2.50 3.90 6.30 10.00 16.00 25.00 39.00 > 39.00



N= 225

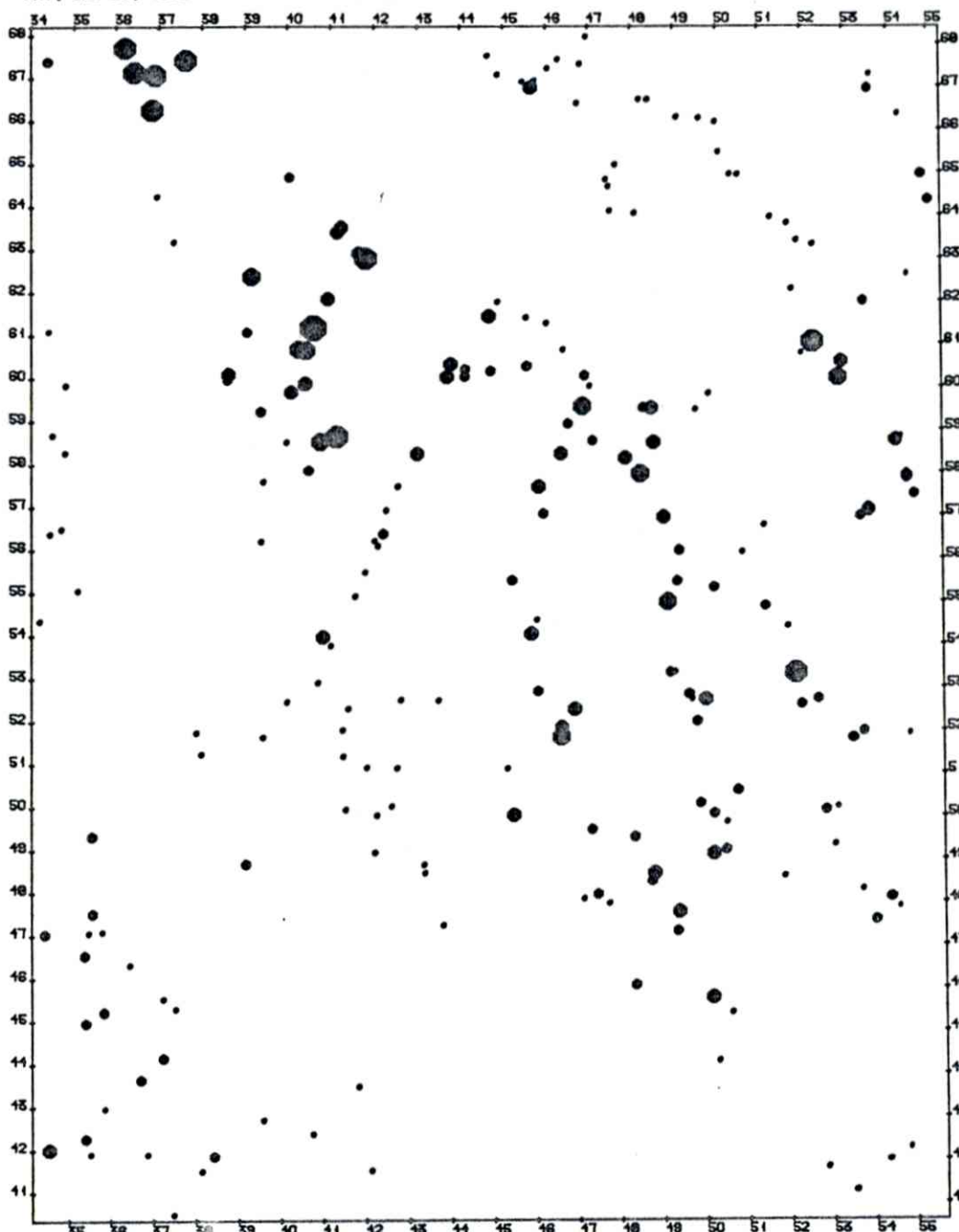
MIN= .30

MAX= 6.07

 $\bar{x}$ = 1.39

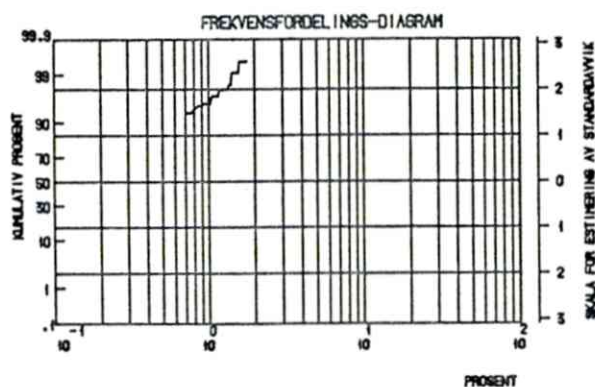
MÅLESTOKK :

1 2 3 4 5 km



SYMBOL :

ØVRE GRENSE : .25 .39 .63 1.00 1.60 2.50 3.90 6.30 10.00 16.00 > 16.00



MG

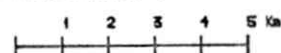
N= 225

MIN= .07

MAX= 1.78

$\bar{x}$ = .33

MÅLESTOKK :



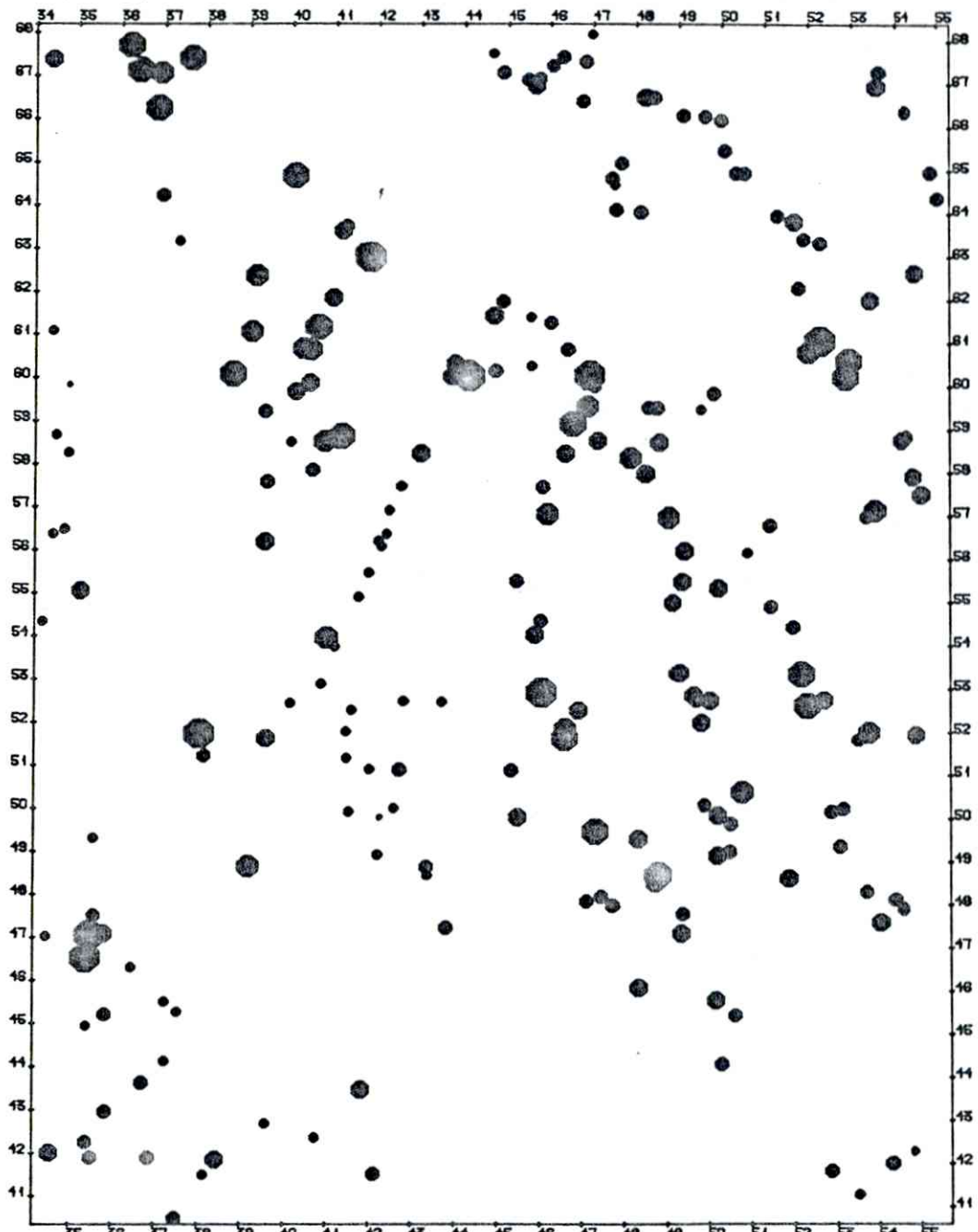
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

FRI, JAN 28, 1983

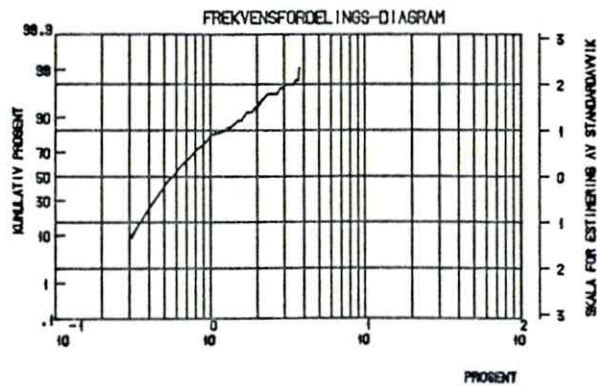
HNO₃ LOSELIG 1:CA

MÅLESTOKK : 1:100000



SYMBOL :

ØVRE GRENSE : .25 .39 .63 1.00 1.60 2.50 3.90 6.30 10.00 16.00 > 16.00



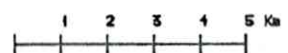
N = 225

MIN = .24

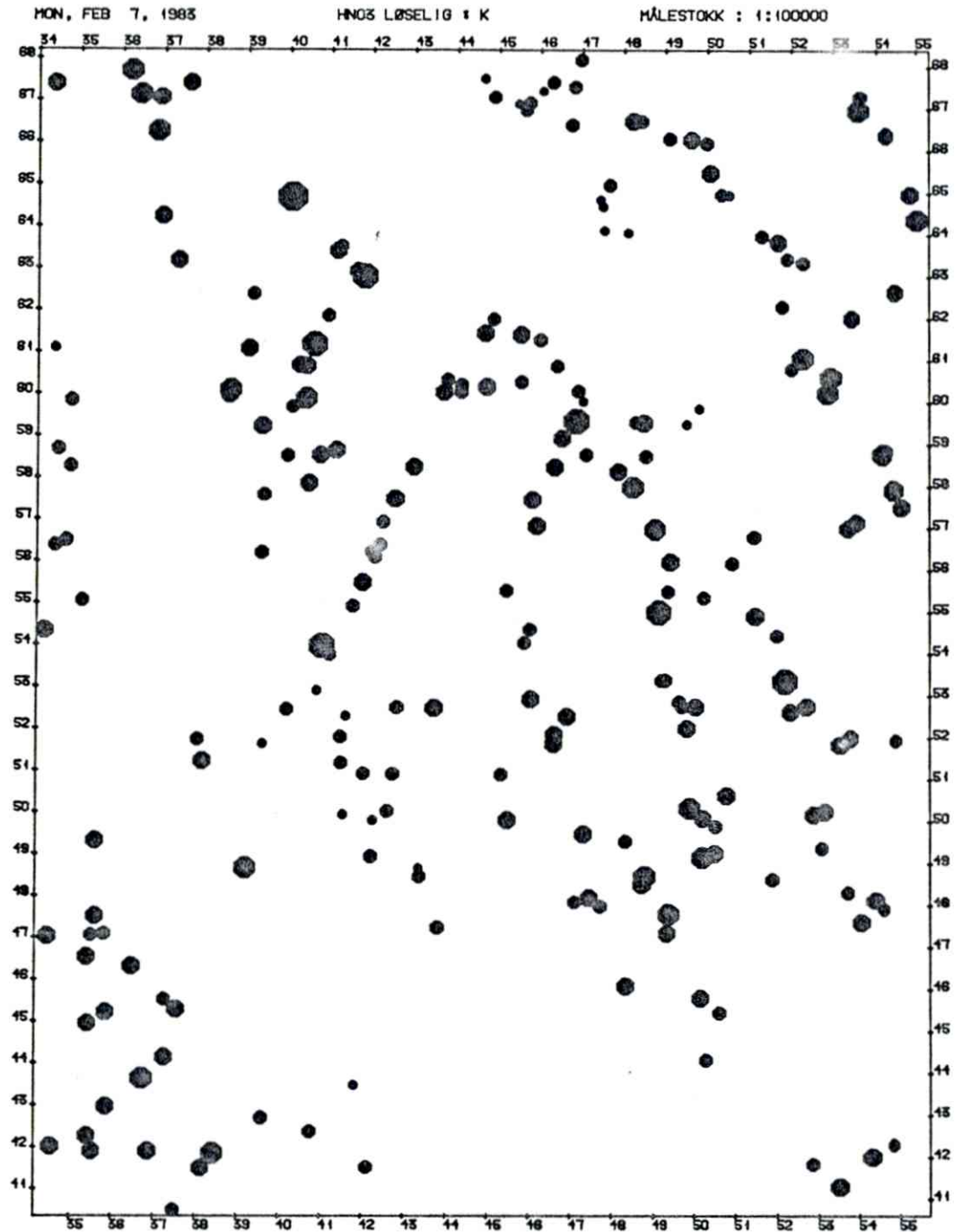
MAX = 3.77

 $\bar{x}$ = .80

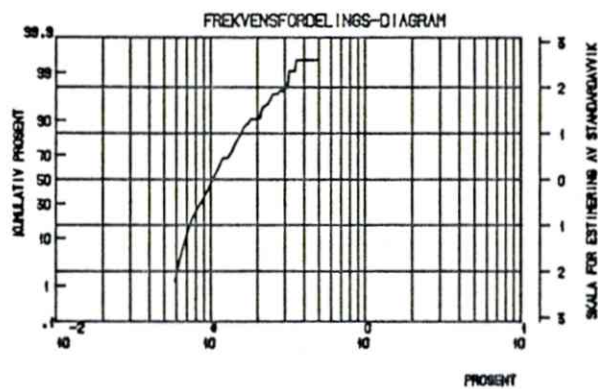
MÅLESTOKK :



CA



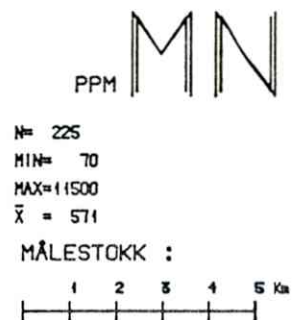
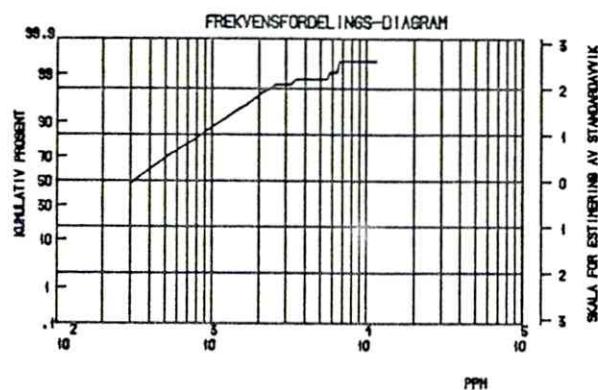
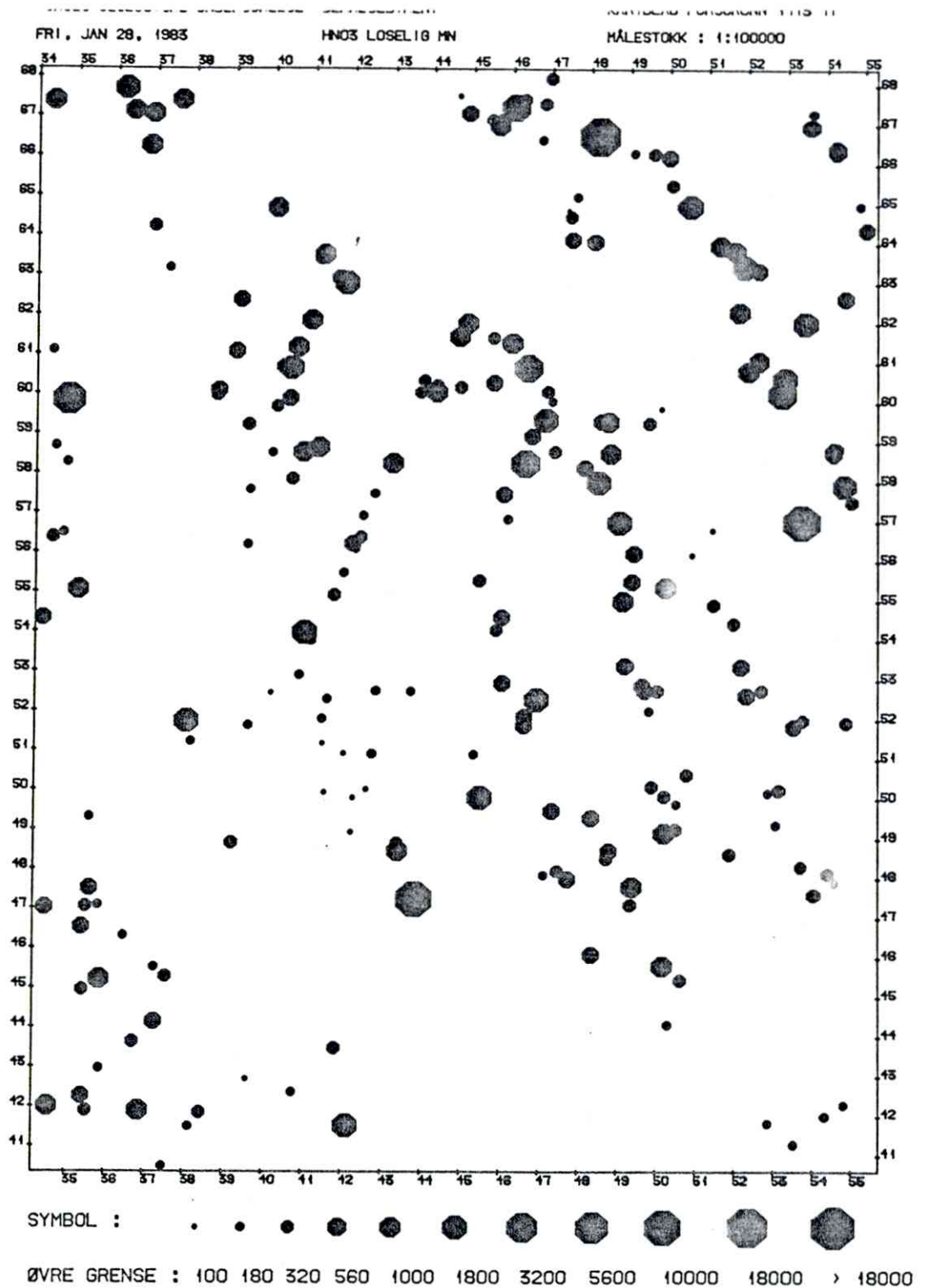
SYMBOL : ØVRE GRENSE : .04 .06 .10 .16 .25 .39 .63 > .63



ΣK

N = 225
 MIN = .05
 MAX = .19
 $\bar{x}$ = .12

MÅLESTOKK :
 1 2 3 4 5 Km



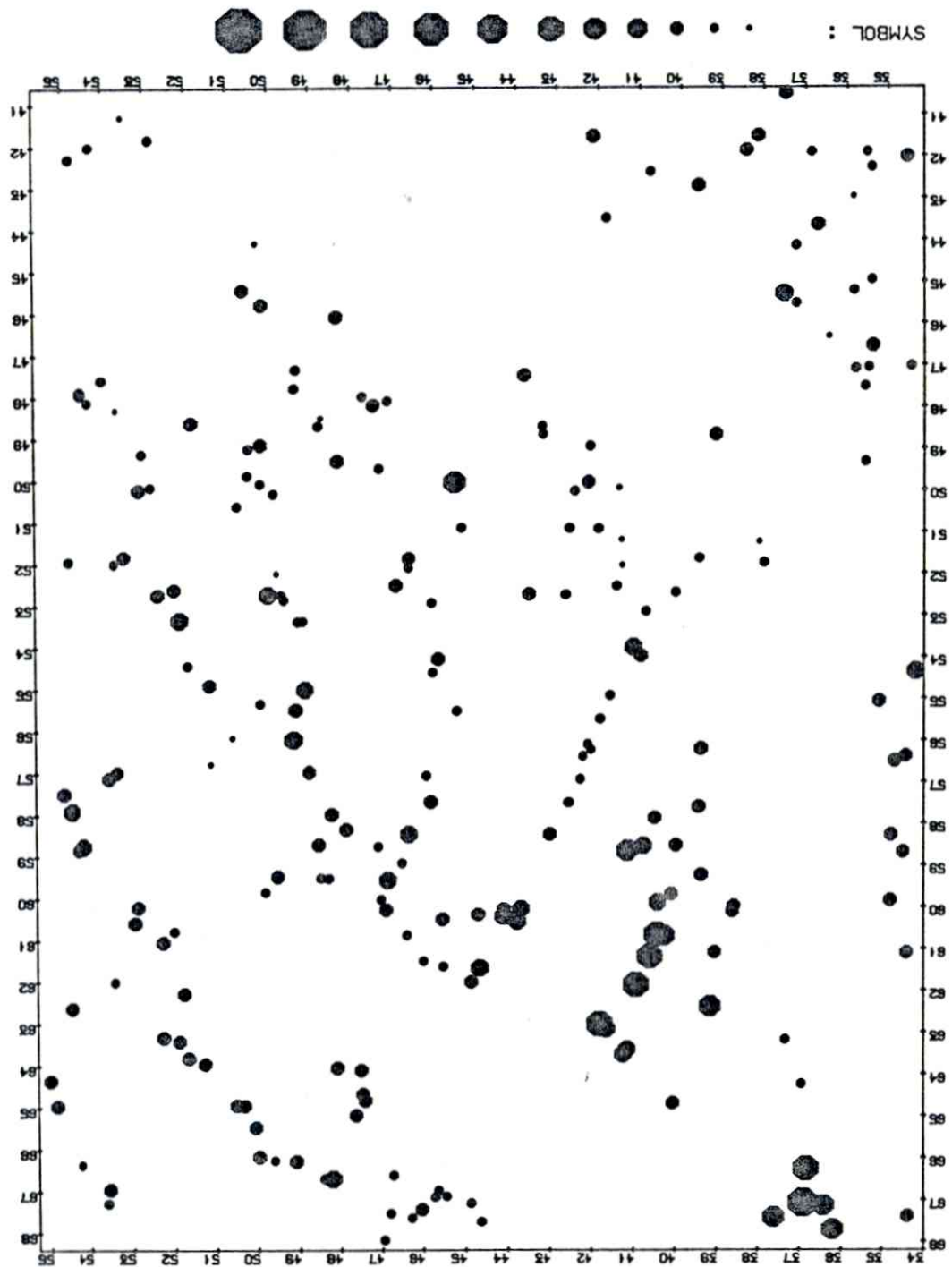
NORGES GEOLGISCHE UNDERSØKELSE BEKKESEDIMENT

FRI, JAN 28, 1993

HN03 LOSSELIG PPM CU

MÅLSTOKK : 1:100000

KARTBLAD PORSJUNN 1713 11



ØVRE GRENSE : 10 16 25 39 63 100 160 250 390 630 > 630



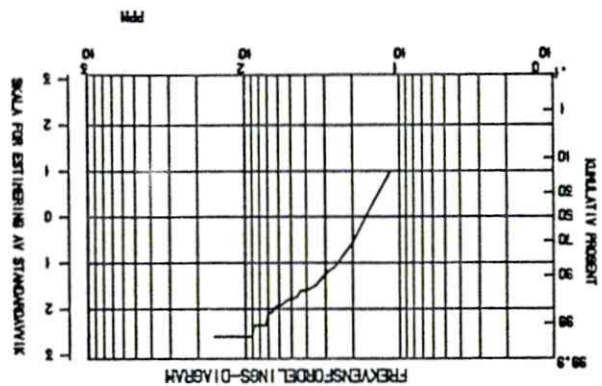
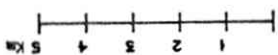
N- 225

MIN= 8

MAX= 155

X = 19

MÅLSTOKK :



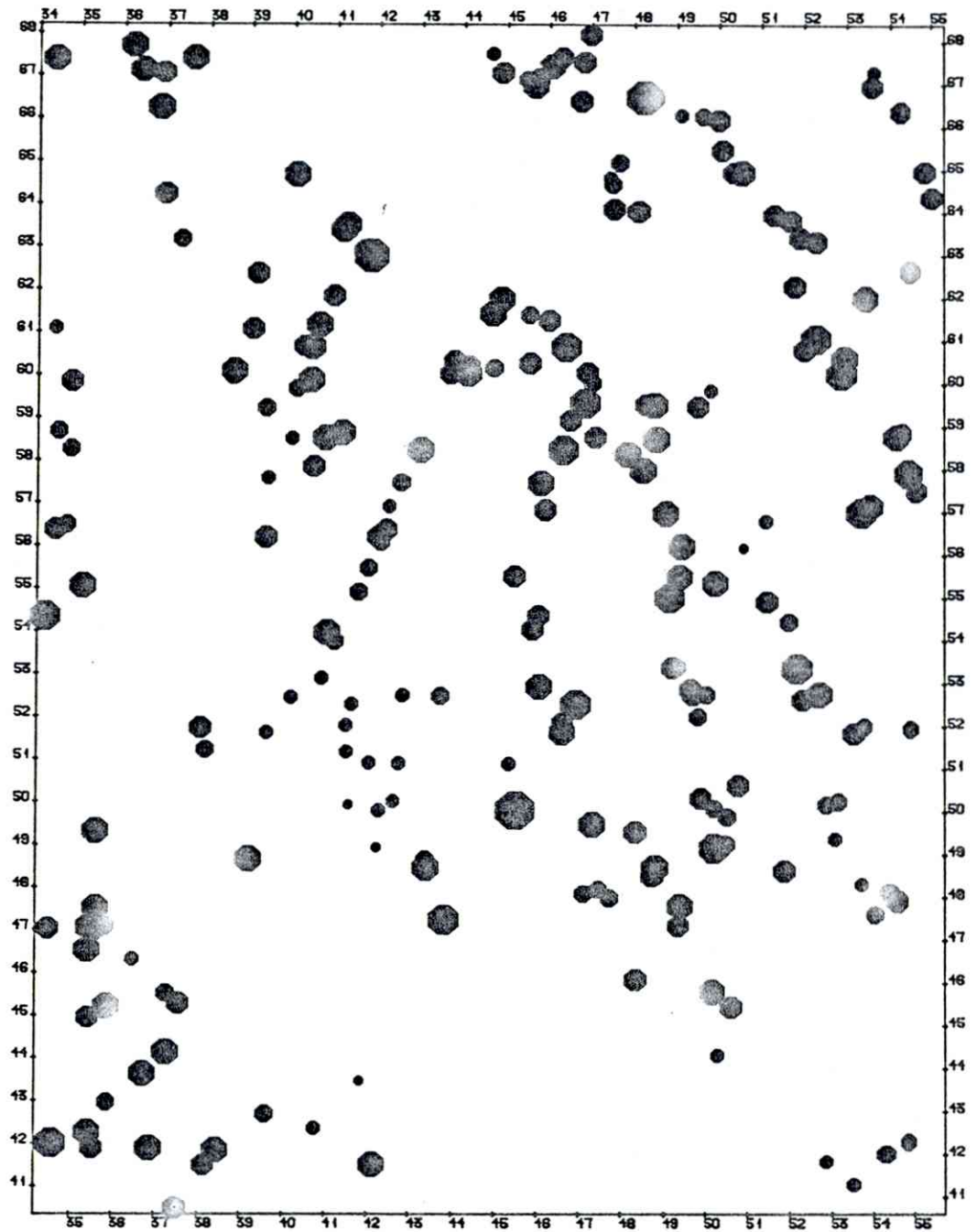
NORDES GEOLGISTISKE UNDERSGRELSSE DEKKESSEDIMENT

KARTBLAD FURUSGRUNN 1713 II

FRI, JAN 28, 1983

HNO₃ LOSELIG PPM ZN

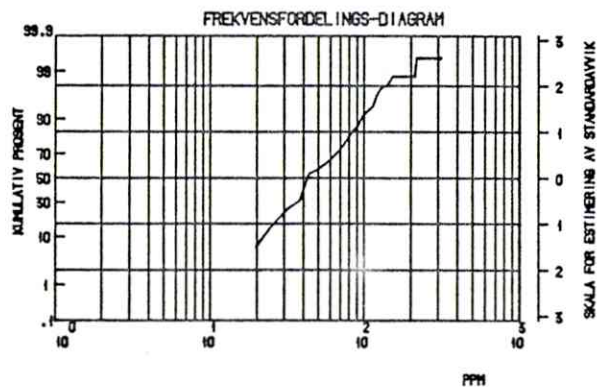
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 10 16 25 39 63 100 160 250 390 630 > 630

PPM **ZN**

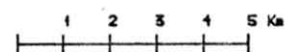
N= 225

MIN= 13

MAX= 315

 $\bar{x}$ = 55

MÅLESTOKK :



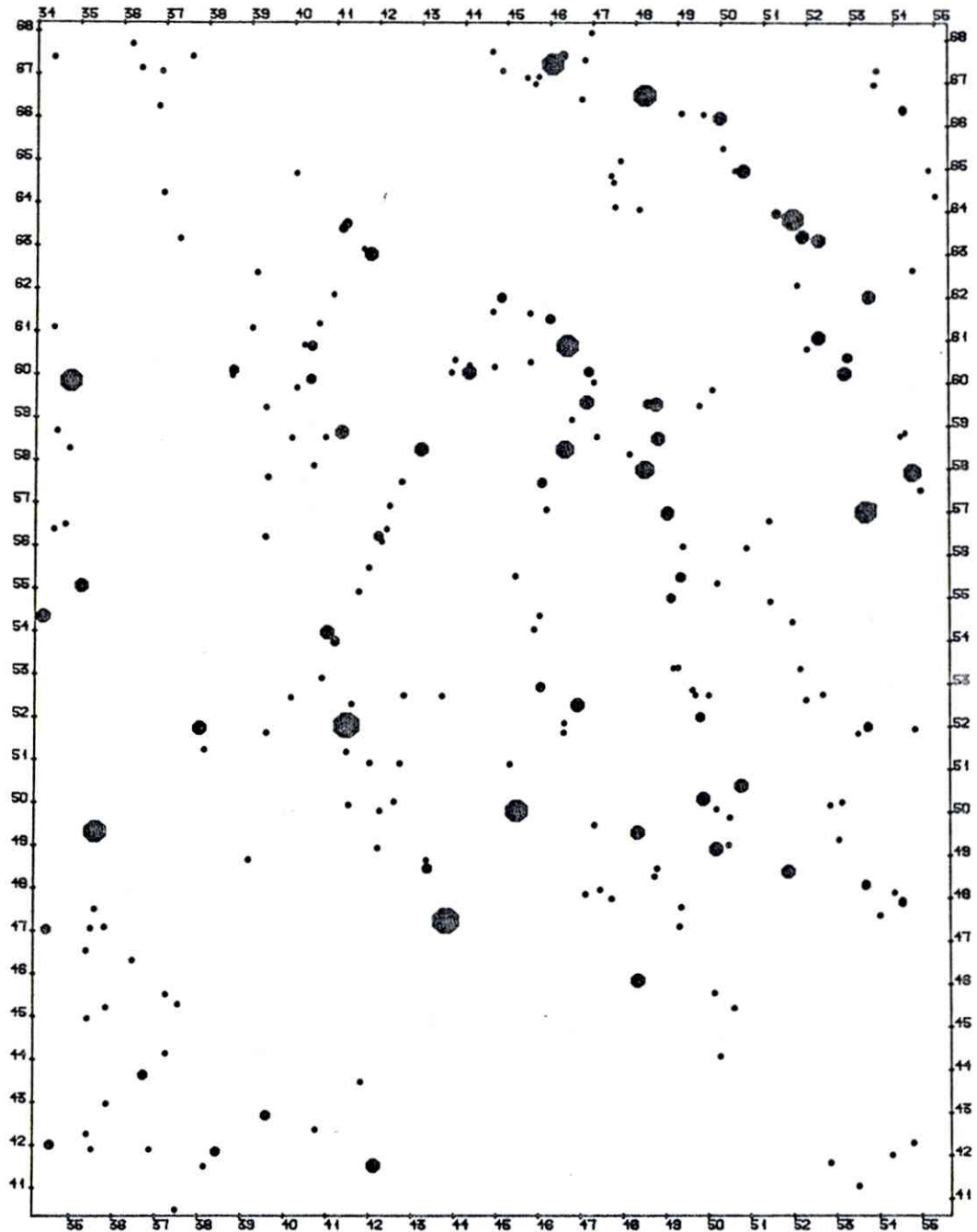
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

FRI, JAN 28, 1993

HNO₃ LOSELIG PPM PB

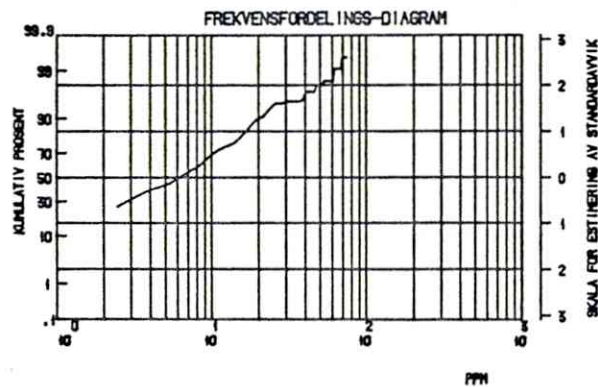
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 10 16 25 39 63 100 160 250 390 630 > 630



PPM PB

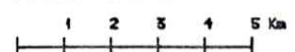
Σ = 225

MIN = 1

MAX = 73

Σ = 9

MÅLESTOKK :



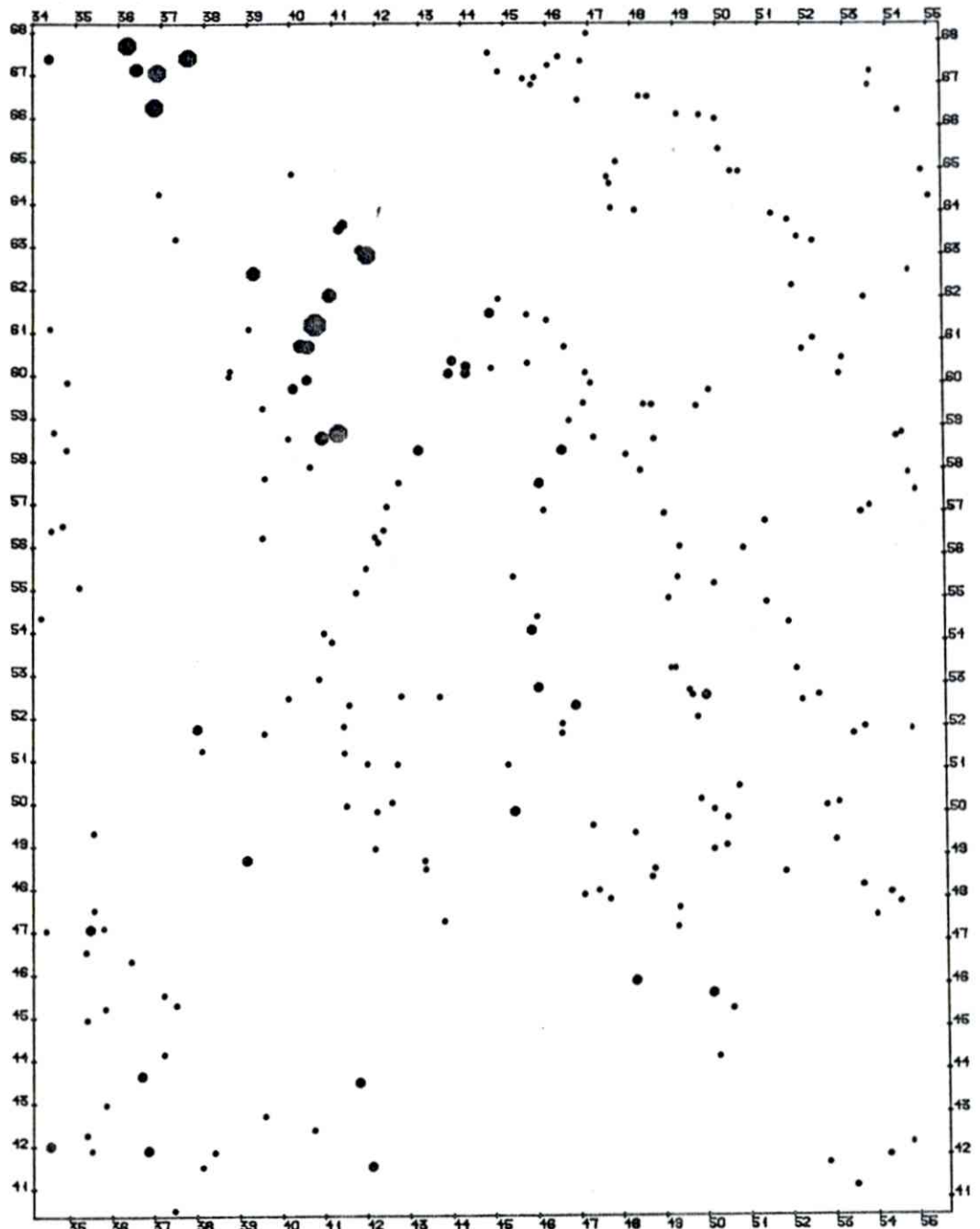
NORGES GEOLGISTISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

FRI, JAN 28, 1983

HN03 LOSELIG NI

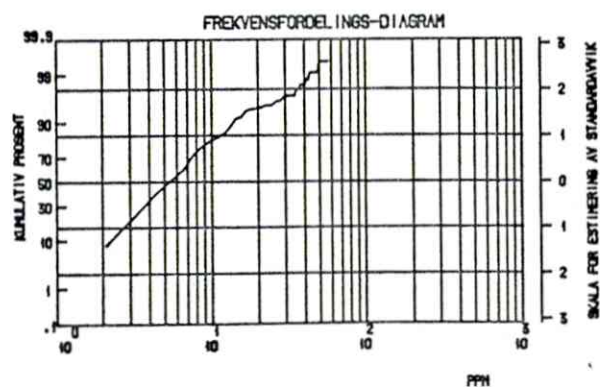
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 10 18 32 56 100 180 320 560 1000 1800 > 1800



PPM

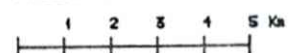
N = 225

MIN = 1

MAX = 56

 $\bar{x} = 7$

MÅLESTOKK :



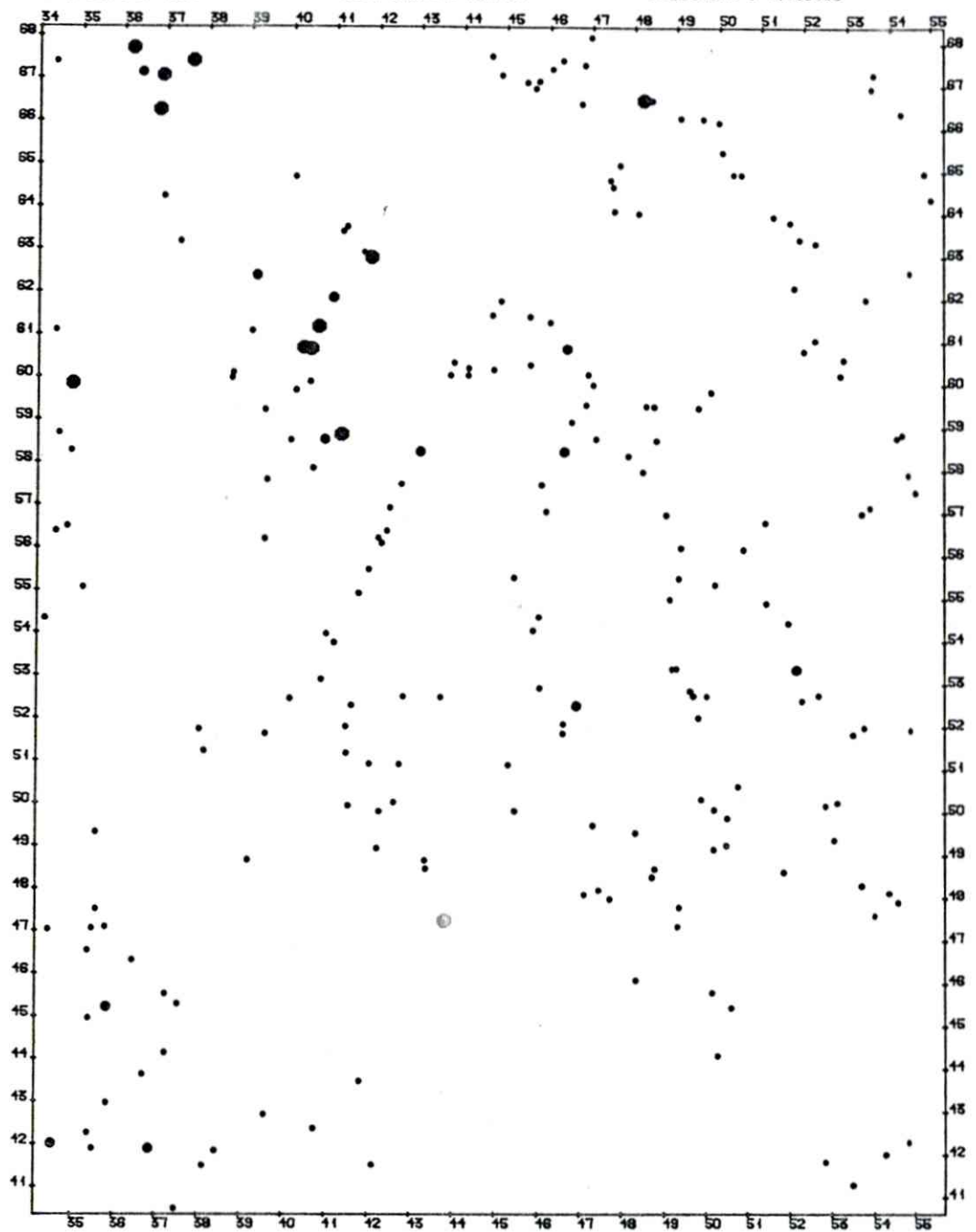
NORGES GEOLGISTISKE UNDERSØKELSE DEKKESEDIMENT

KARTBLAD FORTSATTEN 1:113 11

FRI, JAN 28, 1983

HNO₃ LOSELIG PPM CO

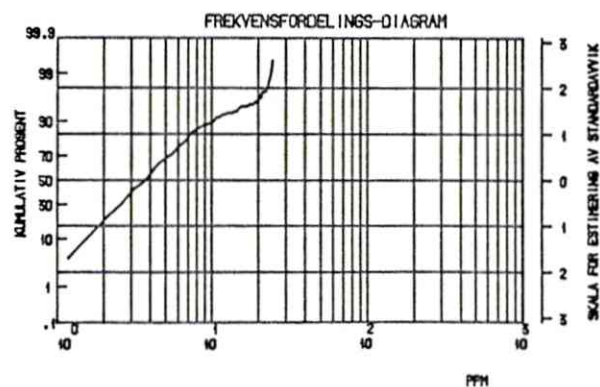
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 10 16 25 39 63 100 160 250 390 630 > 630



PPM

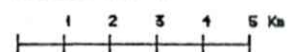
N= 225

MIN= 0

MAX= 24

 $\bar{x}$ = 5

MÅLESTOKK :



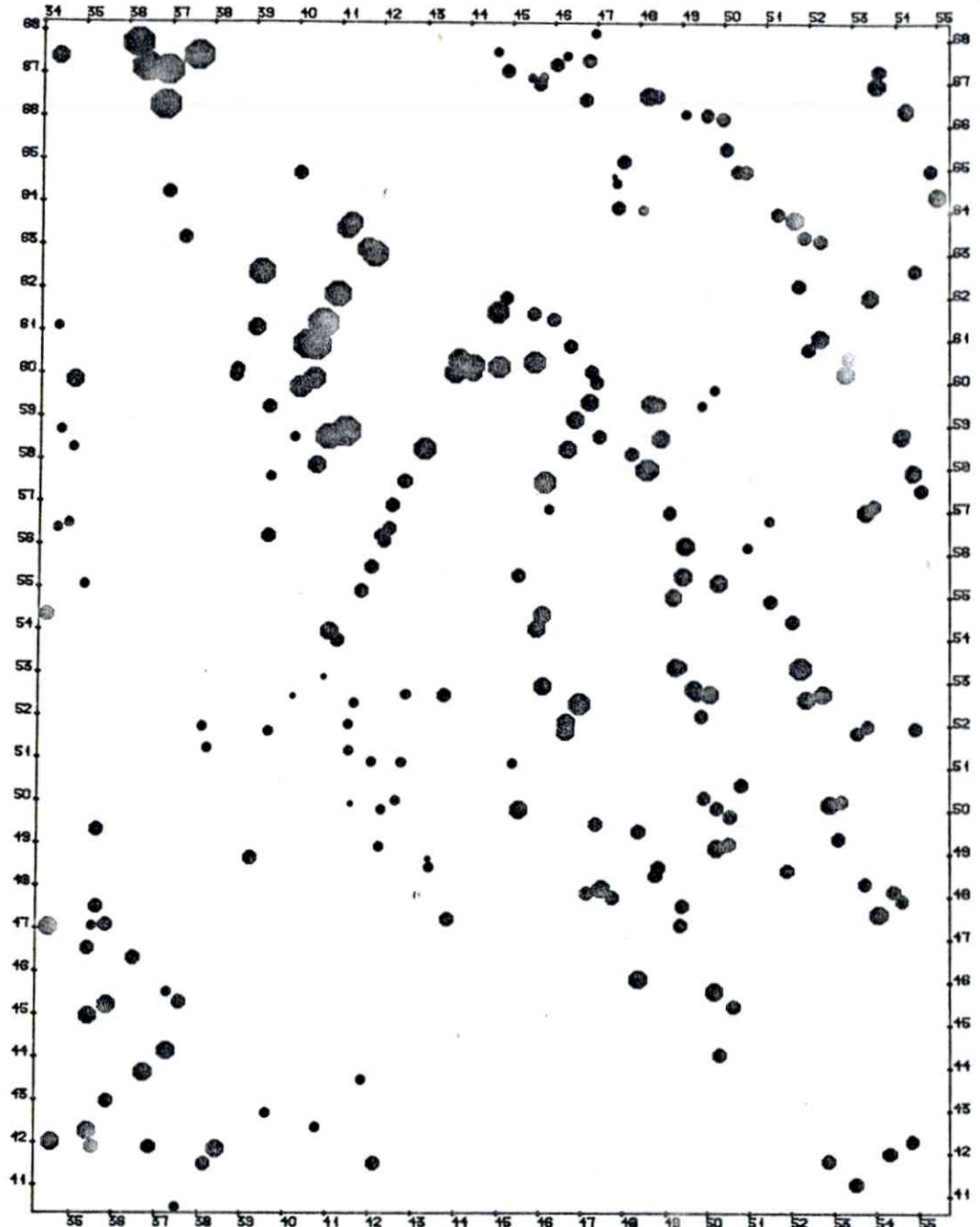
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

MON, FEB 7, 1983

HN03 LOSELIG PPM V

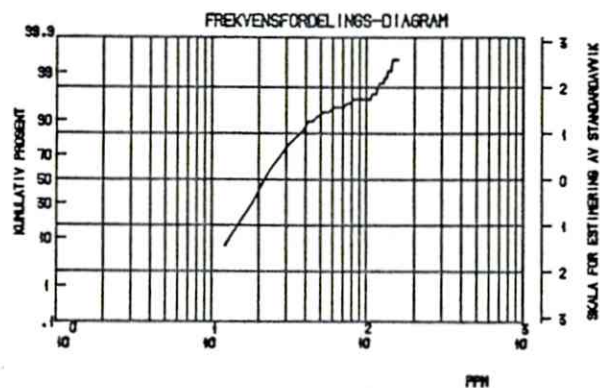
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 10 16 25 39 63 100 160 250 390 630 > 630



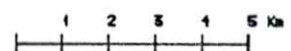
N= 225

MIN= 9

MAX= 157

 $\bar{x}$ = 28

MÅLESTOKK :



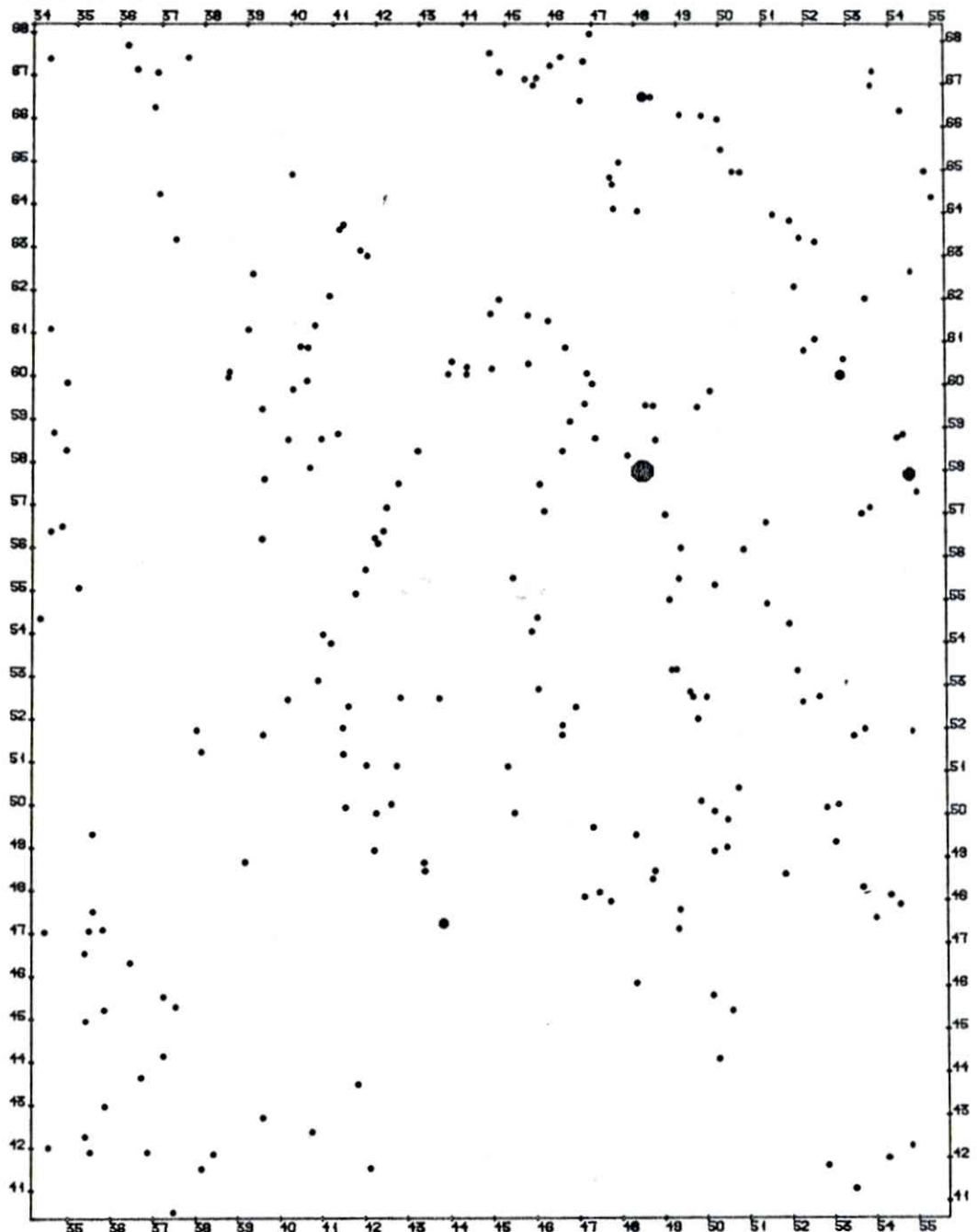
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

MON, FEB 7, 1983

HNO₃ LOSELIG PPM MO

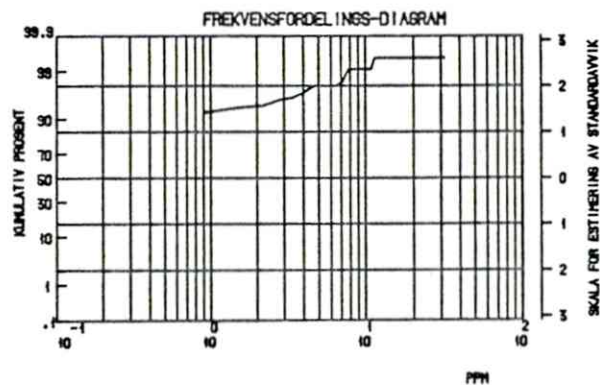
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 6 10 16 25 39 63 100 160 250 390 > 390



PPM MO

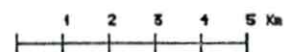
N= 225

MIN= 0

MAX= 31

 $\bar{x}$ = 0

MÅLESTOKK :



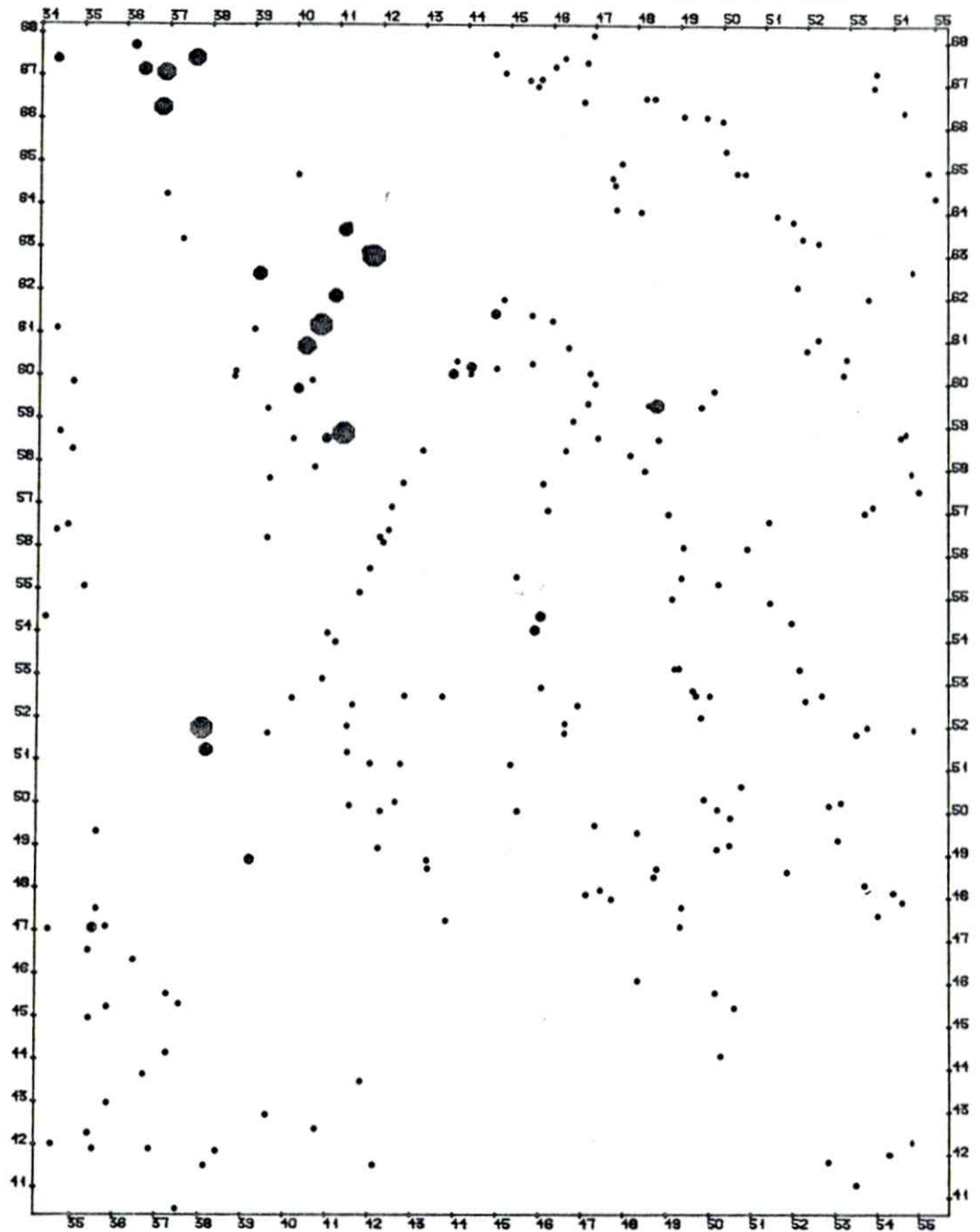
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

MON, FEB 7, 1983

HNO₃ LOSELIG PPM CR

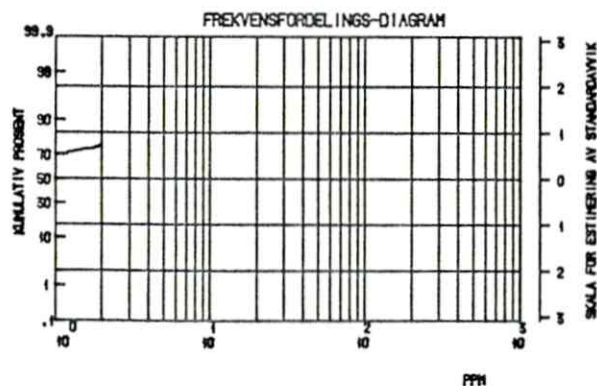
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 6 10 16 25 39 63 100 160 250 390 > 390



PPM CR

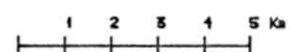
N = 225

MIN = 0

MAX = 31

 $\bar{x} = 2$

MÅLESTOKK :



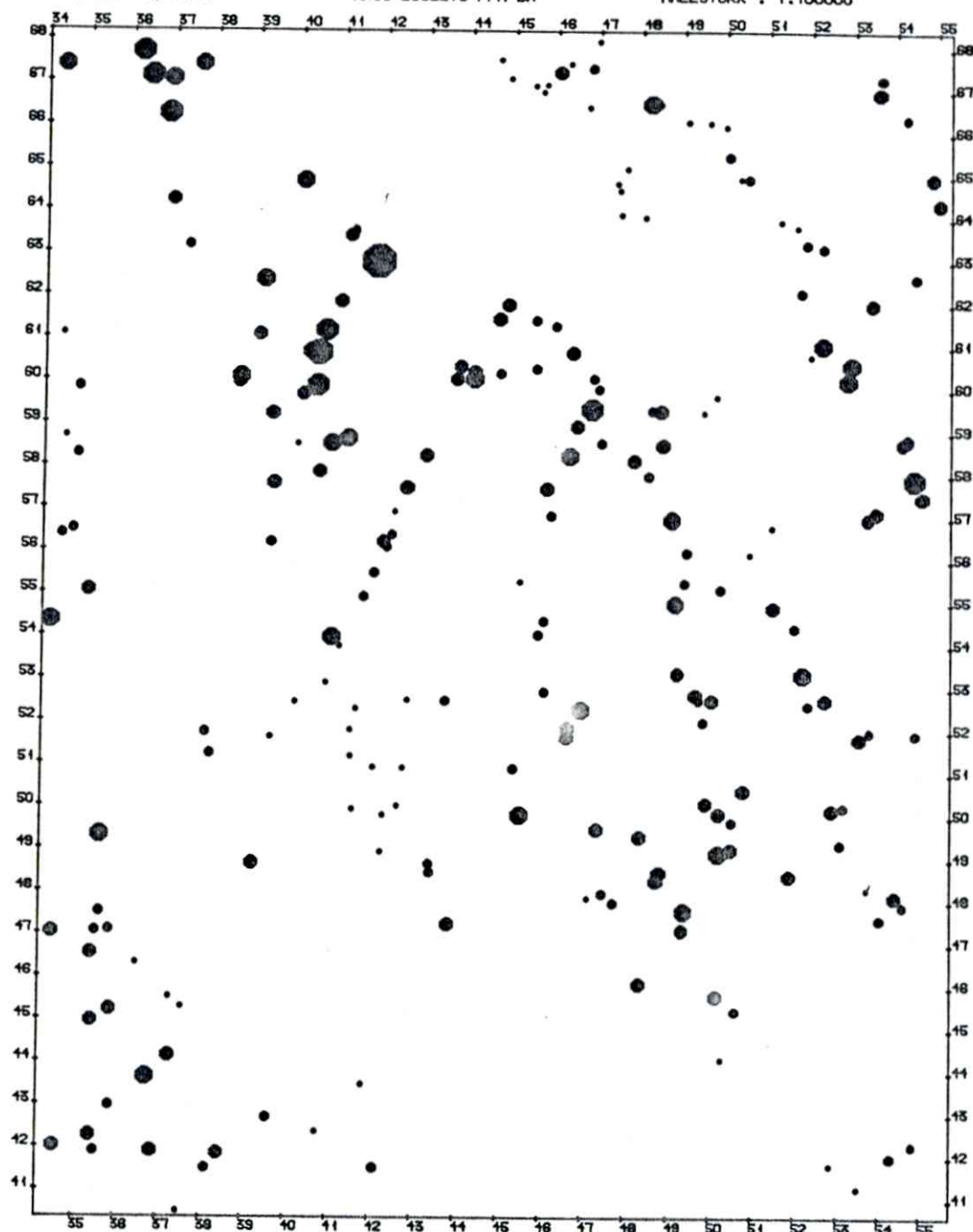
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 II

MON, FEB 7, 1983

HN03 LOSELIG PPM BA

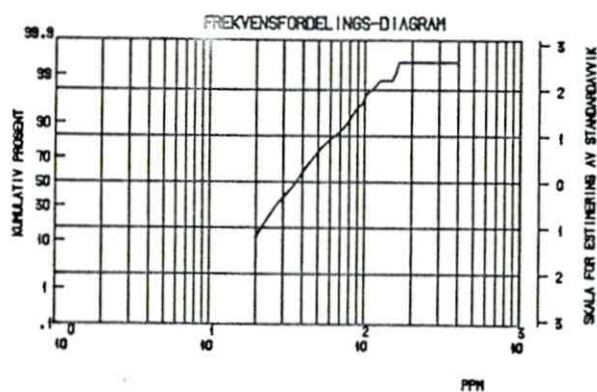
MÅLESTOKK : 1:100000



SYMBOL :



ØVRE GRENSE : 25 39 63 100 160 250 390 630 1000 1600 > 1600



PPM BA

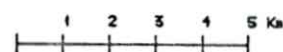
N = 225

MIN = 12

MAX = 394

 $\bar{x}$ = 43

MÅLESTOKK :



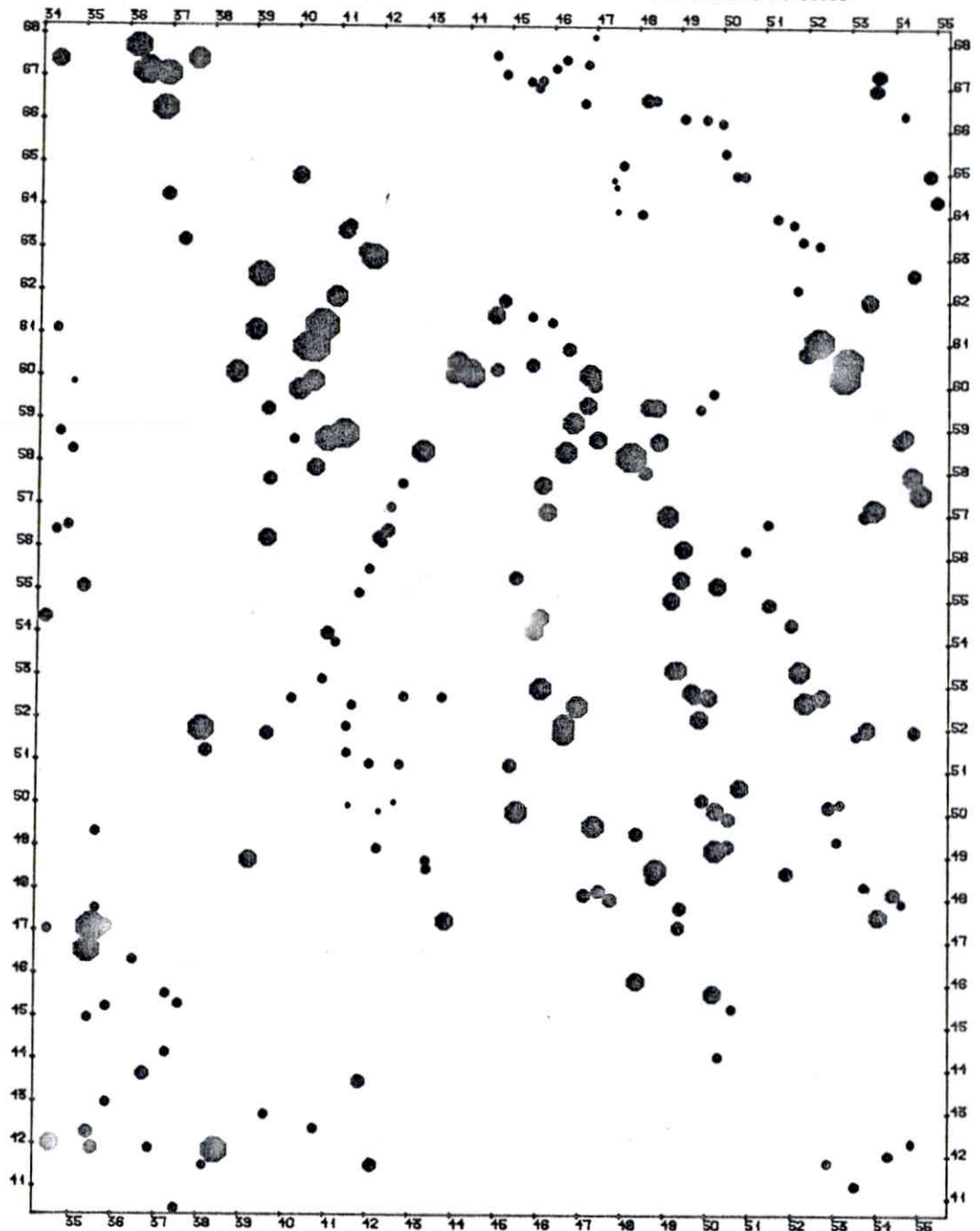
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD PORSGRUNN 1713 11

MON, FEB 7, 1983

HNO₃ LØSELIG PPM SR

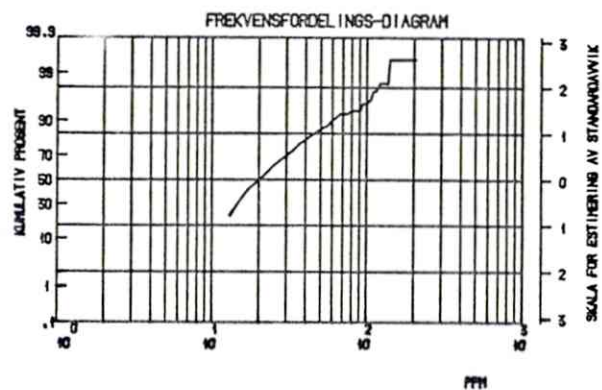
MÅLESTOKK : 1:100000



SYMBOL :



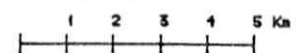
ØVRE GRENSE : 10 16 25 39 63 100 160 250 390 630 > 630



PPM SR

N = 225
 MIN = 9
 MAX = 204
 $\bar{X}$ = 30

MÅLESTOKK :



BEKKESEDIMENTER
PRØVENUMMER

NORGES GEOLOGISKE UNDERSØKELSE

PORSGRUNN 1713 II

