

NGU-rapport nr. 1853 B

Sporelementer i bekkesedimenter
Kartblad 1614 III Flatdal

1982

NGU

4401



Norges geologiske undersøkelse

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Rapport nr.	1853 B	X Fortrolig til	01.07.1983
Tittel: Sporelementer i bekkesedimenter			
Oppdragsgiver: Follidal Verk A/S Norges geologiske undersøkelse		Forfatter: Jørgen Ekremsæter	
Forekomstens navn og koordinater:		Kommune:	
Fylke: Telemark		Kartbladnr. og -navn (1:50000): 1614 III FLATDAL	
Utført: Prøvetaking: Juni - aug. 1981 Analysering: Sept.- des. 1981 Rapportering: Jan.- mai. 1982		Sidetall: 8 Tekstbilag: 3 Kartbilag: 25	
Prosjektnummer og -navn: 1853 Geokjemisk kartlegging			
Prosjektleder: Jørgen Ekremsæter			
Sammendrag: Bekkesedimenter ble samlet inn fra lokaliteter der bekker krysser eller renner nær kjørbar vei. Prøvestedene ble markert på kart i målestokk 1:50.000 og koordinatfestet i UTM-nettet. Sedimentene ble siktet til -0.18 mm og analysert på HNO ₃ -løselige elementer (Si, Al, Fe, Ti, Mg, Ca, Na, K, Mn, P, Cu, Zn, Pb, Ni, Co, V, Mo, Cd, Cr, Ba, Sr, Zr, Ag, B, Be, Li, Sc, Ce, La). Analyseresultatene presenteres som tabeller og EDB-tegnede kart med frekvensfordelinger redusert inn på A4-format. Elementene Si, Ti, Na, Cd, og B er ikke kartfremstilt. Estimerer for statistiske parametre er angitt i tabell. Alle data er lagret på magnetbånd og oppdragsgiver kan utnytte dem etter ønske innen den angitte tidsfrist. Deretter er dataene NGU's eiendom.			
Nøkkelord	Geokjemiske kart	Sporelementer	
	Bekkesedimenter	Si, Al, Fe, Ti, Mg, Ca, Na K, Mn, P, Cu, Zn, Pb, Ni, Co, V, Mo, Cd, Cr, Ba, Sr,	
	Salpetersyreløselig	Zr, Ag, B, Be, Li, Sc, Ce, La	

Ved referanse til rapporten oppgis forfatter, tittel og rapportnr.

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BILAG

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SYMBOLKART I A4-FORMAT

1853B/1	Al
1853B/2	Fe
1853B/3	Mg
1853B/4	Ca
1853B/5	K
1853B/6	Mn
1853B/7	P
1853B/8	Cu
1853B/9	Zn
1853B/10	Pb
1853B/11	Ni
1853B/12	Co
1853B/13	V
1853B/14	Mo
1853B/15	Cr
1853B/16	Ba
1853B/17	Sr
1853B/18	Zr
1853B/19	Ag
1853B/20	Be
1853B/21	Li
1853B/22	Sc
1853B/23	Ce
1853B/24	La
1853B/25	Prøvenummerkart (M= 1:50.000)

INNLEDNING

Som oppdrag for A/S Folldal Verk ble det sommeren 1981 samlet inn bekkesedimenter på fire kartblad i målestokk 1:50.000. Prøvene ble analysert på 29 elementer. Rapporten gir en kortfattet beskrivelse av de anvendte metoder. Prøvenes innhold av tungmetaller presenteres i analyselister og som kart med frekvensfordelinger.

Denne rapport omhandler kartblad nr. 1614 III FLATDAL.

METODER

For detaljerte metodebeskrivelser vises til litteraturlisten på side 7.

Prøvetaking

Bekkesedimentene, fortrinnsvis aktive og av uorganisk sammensetning, ble samlet inn fra bunnen av bekker som krysser eller renner nær kjørbar vei. Ved hver lokalitet ble det ovenfor veien tatt to parallellprøver A og B med innbyrdes avstand ca. 10-50 m, A minst 30 m fra veien og B minst 40 m fra veien. Under prøvetakingen ble prøvene våtsiktet gjennom nylonduk med maskevidde 0.18 mm. Finfraksjonen (-0.18 mm) ble brukt i det videre arbeid. Prøvetakingen ble utført i tidsrommet juni-august 1981.

Prøvebehandling

Prøvene ble emballert i papirposer og sendt til NGU, der de ble tørket ved ca. 50-80°C, og tørr-siktet gjennom 0.18 mm duk for å fjerne eventuelle klumper og større korn med-vasket under felt-siktingen.

Kjemisk analyse

Like deler fra A- og B-prøver ble tatt ut og blandet. 1.0 gram av denne blandingen ble innveid og behandlet med 5 ml HNO_3 1:1 i 3 timer på kokeplate ved 110°C . Oppløsningene ble fortynnet til 20.3 ml og sentrifugert. Løsningene ble så overført til glassflasker med plastlokk. I denne løsningen ble elementene Si, Al, Fe, Ti, Mg, Ca, Na, K, Mn, P, Cu, Zn, Pb, Ni, Co, V, Mo, Cd, Cr, Ba, Sr, Zr, Ag, B, Be, Li, Sc, Ce og La bestemt ved plasma-kvantometer (modell 975 Plasma AtomComp Jerrell-Ash).

Databehandling

Prøvestedene ble markert på kart og koordinatfestet (AGA Geotracer) i UTM-nettet. Prøvenumre, koordinater og analyseresultater ble registrert på magnetbånd og utskrevet ved hjelp av EDB (Hewlett Packard 3000). Symbolkart over resultatene ble fremstilt i målestokk 1:50.000 med Calcomb plotter (1039) og redusert inn på A4-format ved fotostatkopiering. Kumulative frekvensfordelinger, gjennomsnitt og standardavvik ble regnet ut ved hjelp av EDB.

Symbolene på kartene viser prøvestedene. En kumulativ frekvensfordeling for analyseverdiene er fremstilt i diagrammet nederst til venstre på kartet. På kartet angir symbolenes størrelse metallinnholdet etter en logaritmisk skala som fremgår av abscissen i diagrammet.

RESULTATER

Beliggenhet av det undersøkte området er vist i bilag 1. De nummererte prøvestedene (i alt 172) er tegnet inn på kartbilag nr. 25. Koordinater og metallinnhold er angitt i bilag 2 og statistiske parametre i bilag 3. For 24 grunnstoffer er analyse-resultatene også inntegnet på kart i målestokk ca. 1: 160.000 (kartbilagene 1853B/1 - 1853B/24). Geokjemiske kart i målestokk 1:50.000 sendes separat.

KOMMENTARER

Den anvendte analysemetode (Ødegård 1981) indikerer bare den del av det totale elementinnhold som er løselig i salpetersyre. Den salpetersyreløselige del vil være ulik for de ulike elementer. Løselighet for et bestemt element kan også variere fra prøve til prøve (Ottesen 1980 og 1982, Faye 1982).

Noen elementer er ikke kartfremstilt av de grunner som står listet opp nedenfor:

Si og Ti	Meget liten løselighet i HNO_3 .
Cd og B	Instrumentet har for lav følsomhet.
Na	Glass brukt under analyseringen fryktes å forurense løsningene med natrium.

Enkelte elementer harmer usikre analyseverdier enn de øvrige, fordi deres løselighetsprodukt noen ganger kan antas å være overskredet i syre-ekstraktet. Dette gjelder særlig Ba som kan felles ut som sulfat.

Norges geologiske undersøkelse,
5. april 1982

Jørgen Ekremsæter

Jørgen Ekremsæter

LITTERATURLISTE

Generelt

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Analysemetode

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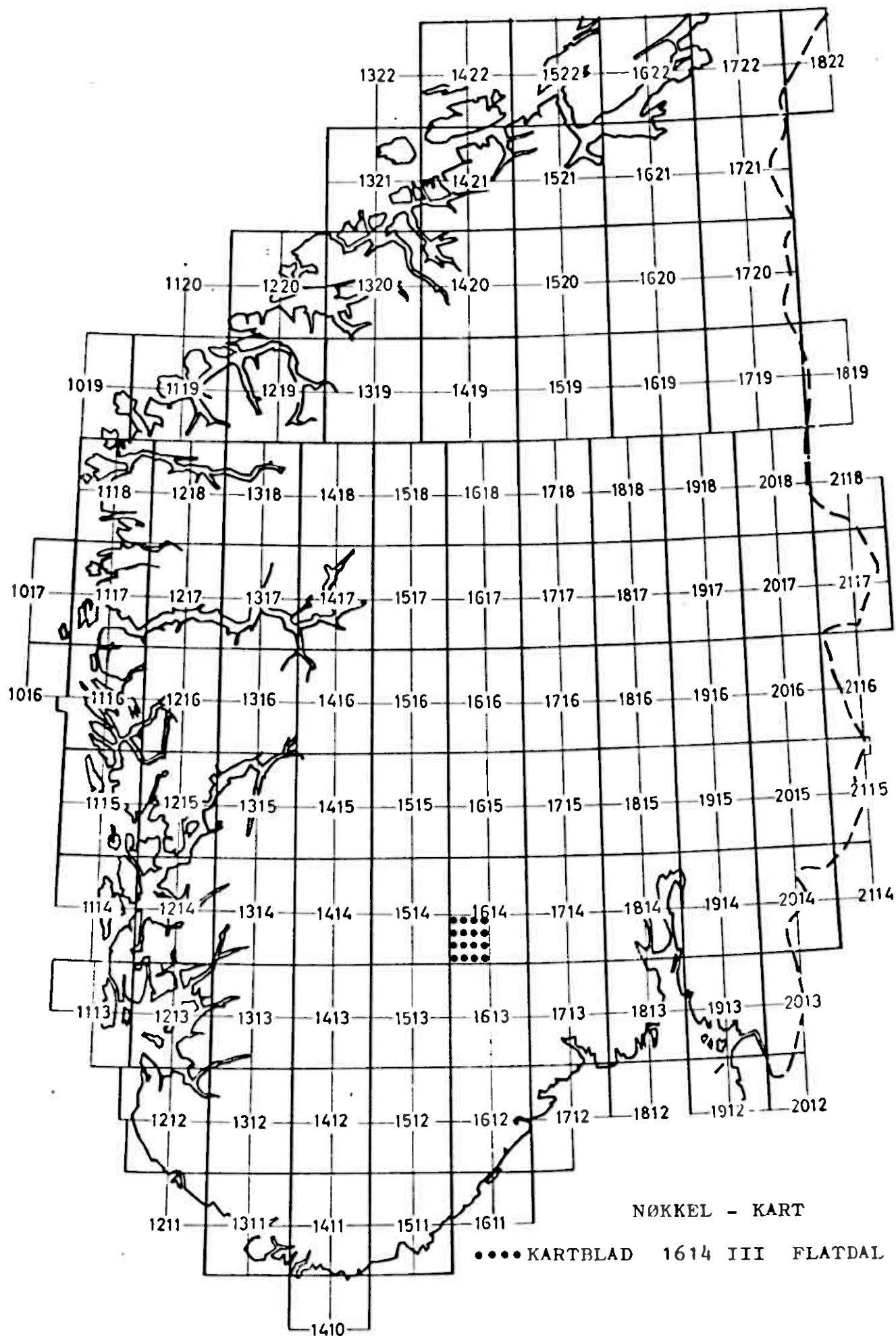
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Statistisk bearbeiding og tolking

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ANALYSE - TABELL

NORGES GEOLOGISKE UNDERSØKELSE

PROSJEKT NR. 1853

INSTRUMENT: PLASMA

	Si (ppm)	Al (ppm)	Fe (ppm)	Ti (ppm)	Mg (ppm)	Ca (ppm)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)
NEDRE GRENSE	3,0	5,0	0,6	0,3	10,0	2,0	2,0	10,0	0,1	10,0
	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)
NEDRE GRENSE	0,1	0,1	1,0	1,0	0,3	0,3	0,3	0,3	0,3	0,1
	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)	
NEDRE GRENSE	0,1	0,3	0,3	0,3	0,1	0,1	0,1	3,0	1,0	

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHOLD

Prøve nr.	East	North	Si (ppm)	Al (%)	Fe (%)	Ti (%)	Mg (%)	Ca (%)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)
486	48227.	660999.	56.	.63	.87	.09	.10	.10	181.	278.	36.	58.	12.1	11.2	10.6	2.5	3.2
487	48097.	660830.	71.	1.00	.99	.16	.29	.24	193.	525.	92.	520.	9.4	17.4	11.4	5.7	6.4
488	47837.	660914.	67.	1.08	1.06	.17	.31	.24	191.	575.	98.	510.	12.1	19.1	13.3	5.7	6.6
489	47675.	660987.	64.	.96	1.13	.19	.28	.29	208.	270.	111.	510.	11.0	26.6	21.2	5.1	7.0
490	47916.	660753.	69.	.88	1.06	.12	.30	.37	203.	801.	149.	1000.	27.1	22.7	14.0	12.2	10.3
491	47259.	661010.	83.	.57	.57	.10	.19	.30	163.	723.	129.	646.	12.2	13.3	4.2	3.1	4.3
492	47320.	660840.	64.	.64	.83	.20	.17	.28	152.	396.	290.	472.	11.6	12.7	13.3	3.9	7.4
494	47595.	660439.	71.	.63	.63	.10	.22	.29	193.	433.	100.	734.	11.8	17.1	11.4	5.1	5.3
495	47466.	660308.	91.	.97	1.39	.13	.34	.16	202.	487.	208.	212.	14.4	22.5	11.1	3.1	9.0
496	47058.	660606.	93.	.85	1.00	.16	.31	.35	177.	892.	387.	980.	20.5	31.0	16.6	7.0	8.3
497	47268.	660381.	91.	.86	.89	.19	.24	.29	190.	761.	149.	624.	23.1	20.0	11.2	6.9	7.8
498	47618.	660213.	108.	.91	1.38	.18	.42	.33	197.	489.	229.	736.	14.9	39.8	12.4	7.7	9.9
499	47760.	660173.	129.	.69	.91	.10	.30	.18	201.	854.	271.	442.	17.8	25.8	17.4	6.0	7.4
501	48027.	659861.	84.	.96	1.24	.09	.36	.24	282.	329.	187.	463.	14.7	30.1	10.8	9.3	8.9
502	48564.	659918.	76.	.31	.54	.04	.06	.07	157.	77.	33.	219.	10.2	7.0	6.9	1.3	2.1
503	48265.	659732.	70.	.52	.64	.08	.23	.27	196.	817.	143.	724.	12.5	15.2	5.7	5.8	5.8
504	48089.	659636.	76.	.43	.54	.11	.15	.21	197.	305.	104.	453.	14.2	11.7	13.1	2.9	4.3
505	47527.	659622.	95.	.95	1.02	.16	.26	.22	166.	1200.	138.	456.	14.6	22.8	9.6	5.6	7.4
506	47625.	659629.	141.	.51	.78	.12	.19	.23	206.	431.	140.	443.	11.1	16.8	13.0	4.5	6.3
1091	48759.	660797.	89.	.64	.91	.13	.27	.24	202.	821.	259.	467.	24.5	28.3	18.4	6.0	8.3
1092	48771.	660789.	85.	.77	.83	.13	.24	.23	212.	1000.	158.	461.	17.4	29.8	9.7	5.0	6.4
1093	48798.	660809.	73.	.61	1.07	.11	.16	.13	166.	277.	422.	286.	17.6	29.2	17.9	3.0	7.0
1094	48780.	660818.	75.	.73	.99	.13	.26	.24	163.	848.	902.	504.	20.4	34.9	16.3	6.3	10.0
1095	48705.	660753.	73.	.61	.83	.13	.26	.27	209.	780.	160.	473.	18.6	25.9	9.8	4.7	7.2
1096	48663.	660765.	81.	.92	1.06	.13	.34	.35	223.	813.	325.	641.	22.5	56.9	18.5	8.1	8.6
1097	48497.	660794.	69.	.86	1.08	.15	.36	.33	211.	1500.	482.	560.	20.5	54.2	14.6	8.0	10.4
1098	48296.	660765.	63.	.80	.85	.12	.33	.31	227.	384.	209.	581.	21.3	36.1	9.0	5.9	7.7
1099	48307.	660777.	60.	1.15	1.40	.14	.47	.38	243.	1200.	620.	616.	26.4	75.8	19.5	10.9	13.7
1100	48288.	660861.	75.	1.15	1.28	.13	.42	.36	184.	1000.	451.	700.	21.2	58.8	16.6	10.4	10.1
1163	48885.	660964.	55.	1.01	.63	.09	.18	.44	197.	185.	182.	334.	13.7	35.9	13.6	5.0	4.9

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHOOLD

Prøve nr.	East	North	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)
486	48227.	660999.	25.0	.3	.3	5.1	15.2	12.1	12.8	.3	.3	1.1	2.2	1.2	15.9	7.9
487	48097.	660830.	22.4	.5	.3	7.4	24.3	15.4	11.0	.3	.3	1.5	8.0	1.8	51.0	18.7
488	47837.	660914.	23.6	.7	.3	8.1	30.0	15.7	11.7	.3	.3	1.7	8.7	1.9	55.4	19.2
489	47675.	660987.	33.2	1.9	.3	8.8	26.7	20.3	8.8	.5	.3	2.1	5.4	1.9	43.7	21.7
490	47916.	660753.	25.1	1.1	.3	9.7	39.3	18.3	10.7	.8	.3	1.6	5.3	1.8	42.8	22.1
491	47259.	661010.	14.8	.4	.3	5.1	25.7	28.2	10.7	.4	.3	.8	3.5	1.8	41.1	24.2
492	47320.	660840.	21.8	.4	.3	6.9	22.7	22.6	11.3	.6	.3	1.2	3.5	1.8	43.4	19.2
494	47595.	660439.	16.1	.3	.3	6.0	31.4	21.5	11.4	.3	.3	.9	4.4	1.6	41.6	20.9
495	47466.	660308.	29.5	.6	.3	8.6	33.4	13.5	11.0	.3	.3	1.9	6.1	2.2	33.7	17.5
496	47058.	660606.	24.4	.4	.3	8.9	61.4	25.0	8.8	.5	.3	1.5	5.5	2.3	57.5	28.0
497	47268.	660381.	21.9	.4	.3	7.7	34.7	20.0	10.6	.4	.3	1.3	5.1	2.0	45.5	21.7
498	47618.	660213.	30.6	.6	.3	8.7	44.9	22.2	8.6	.5	.3	1.9	7.4	2.4	36.9	19.2
499	47760.	660173.	21.7	.4	.3	7.1	45.2	12.8	7.3	.3	.3	1.2	4.8	1.8	28.4	14.8
501	48027.	659861.	28.8	.4	.3	6.8	20.9	10.4	4.5	.3	.3	1.7	6.0	2.3	16.6	7.7
502	48564.	659918.	11.2	.3	.3	2.8	14.4	4.6	2.6	.3	.3	.6	1.3	.8	10.4	5.1
503	48265.	659732.	15.9	.3	.3	4.3	40.3	16.6	10.3	.3	.3	.9	3.5	1.6	35.3	22.1
504	48089.	659636.	14.3	.3	.3	4.7	19.3	13.3	7.3	.3	.3	.8	2.6	1.3	28.3	15.9
505	47527.	659622.	21.6	.6	.3	8.0	46.7	15.7	8.3	.5	.3	1.5	4.8	2.1	41.9	21.3
506	47625.	659629.	20.1	.3	.3	4.7	33.4	13.6	6.3	.3	.3	1.1	2.9	1.7	24.2	13.5
1091	48759.	660797.	22.8	.9	.3	7.5	38.6	13.3	5.1	.3	.3	2.8	4.2	1.7	22.4	10.6
1092	48771.	660789.	20.3	.6	.3	7.9	52.1	15.0	6.7	.3	.3	2.9	4.8	1.7	38.3	17.0
1093	48798.	660809.	18.5	1.8	.3	4.6	20.0	8.3	12.1	.5	.3	3.5	3.5	1.4	41.4	11.5
1094	48780.	660818.	23.6	1.8	.3	8.0	34.7	13.0	6.8	.8	.3	3.3	4.3	1.6	30.1	13.8
1095	48705.	660753.	22.5	.5	.3	7.3	31.7	13.9	6.3	.4	.3	2.5	3.9	1.7	21.2	10.4
1096	48663.	660765.	25.4	1.3	.3	9.9	57.3	20.2	5.6	.3	.3	3.4	7.1	1.9	28.6	15.8
1097	48497.	660794.	25.0	1.1	.4	10.0	53.6	20.9	8.6	.4	.3	3.4	7.0	1.9	32.7	16.3
1098	48296.	660765.	22.4	.8	.3	8.3	35.4	18.9	6.4	.4	.3	2.6	7.1	1.6	28.6	13.6
1099	48307.	660777.	29.9	2.0	.4	15.1	60.8	22.0	7.8	.3	.3	4.5	10.4	1.9	33.3	12.3
1100	48288.	660861.	29.3	1.3	.3	11.3	67.6	21.4	5.9	.4	.3	4.3	9.4	2.1	38.0	17.4
1163	48885.	660964.	13.2	.3	.3	6.6	28.6	21.4	7.5	.6	.3	3.3	7.2	2.3	45.5	88.2

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNOLD

Prøve nr.	East	North	Si (ppm)	Al (%)	Fe (%)	Ti (%)	Mg (%)	Ca (%)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)
1164	48855.	660947.	61.	1.21	.77	.11	.22	.37	303.	267.	856.	423.	27.8	57.4	19.5	6.0	7.5
1165	48802.	660893.	70.	2.66	1.61	.14	.63	.58	202.	873.	1300.	1300.	34.3	120.2	27.4	15.7	20.0
1166	48569.	660820.	56.	1.50	1.67	.16	.46	.41	367.	368.	470.	507.	31.3	74.7	25.9	11.2	15.6
1167	48307.	660696.	55.	.67	1.00	.09	.24	.20	227.	414.	1200.	405.	19.0	35.7	33.0	6.5	13.6
1168	48291.	660702.	63.	1.20	1.51	.13	.52	.50	221.	1200.	675.	963.	19.2	94.1	35.7	9.3	13.1
1169	48199.	660741.	60.	1.34	1.43	.12	.48	.64	306.	904.	516.	1100.	34.5	96.9	23.7	13.3	14.7
1170	48030.	660707.	61.	1.15	1.48	.08	.62	.48	190.	1700.	378.	649.	16.6	56.2	19.9	9.9	10.1
1231	47717.	660604.	63.	1.17	2.21	.16	.49	.54	258.	877.	794.	1600.	18.5	56.1	35.1	10.7	23.1
1232	47749.	660595.	72.	.99	1.31	.17	.58	.49	263.	1100.	330.	737.	14.3	52.9	19.7	8.9	10.4
1233	47655.	660556.	65.	1.19	1.47	.19	.48	.42	262.	1100.	294.	725.	17.6	41.9	19.2	7.9	11.0
1234	47344.	660688.	79.	1.19	1.31	.19	.78	.53	181.	1700.	435.	691.	16.9	52.1	15.2	11.8	11.8
1235	47459.	660563.	65.	1.37	1.80	.18	.48	.45	290.	812.	1700.	835.	23.5	95.7	36.9	9.4	17.9
1236	47480.	660576.	78.	1.26	1.34	.18	.82	.53	191.	2200.	486.	781.	17.8	57.0	21.0	12.0	11.9
1237	47475.	660537.	60.	.78	.74	.07	.29	.26	160.	436.	241.	424.	14.5	41.2	15.3	5.7	6.6
1238	47558.	660495.	56.	.75	1.02	.09	.11	.17	194.	348.	349.	259.	14.0	23.2	18.7	2.6	5.2
1239	47960.	659967.	63.	1.32	1.98	.10	.51	.37	351.	452.	534.	1100.	18.9	51.9	29.1	10.4	20.1
1240	47992.	659901.	61.	1.02	1.37	.09	.42	.72	517.	334.	284.	2100.	25.0	45.1	12.9	7.5	14.5
1241	47224.	660973.	84.	1.71	1.62	.17	1.07	.54	209.	2300.	1200.	662.	22.2	158.7	28.1	12.9	13.5
1242	47287.	660922.	72.	.69	1.04	.05	.24	.51	300.	615.	330.	1000.	15.2	27.0	11.8	3.4	8.0
1243	47441.	660887.	61.	.48	.76	.12	.16	.19	165.	176.	209.	324.	10.8	19.9	14.2	3.4	6.7
1244	47296.	660879.	62.	.51	.78	.08	.17	.27	169.	310.	342.	393.	15.9	28.4	7.9	4.3	6.9
1245	47391.	660669.	84.	2.34	5.33	.20	.82	.86	250.	1400.	1500.	3000.	51.4	135.5	59.3	13.6	31.6
1246	47283.	660773.	60.	1.71	2.60	.14	.40	.46	201.	349.	2100.	1000.	25.4	132.1	41.4	10.3	19.0
1247	47298.	660788.	76.	.85	.99	.08	.48	.35	252.	978.	345.	322.	15.2	44.7	9.3	7.8	8.0
1248	47497.	660634.	98.	2.67	4.25	.30	1.08	.99	273.	3200.	712.	3300.	24.1	108.3	26.4	14.1	26.9
1249	47559.	660402.	56.	.96	1.72	.13	.35	.33	228.	656.	1900.	910.	26.7	55.0	59.6	8.2	18.3
1250	47679.	660250.	63.	.92	1.17	.14	.40	.31	208.	403.	715.	593.	16.2	42.0	21.2	7.2	12.1
1251	47485.	660602.	75.	1.88	3.12	.21	.73	.90	348.	1400.	732.	3100.	29.8	109.2	27.6	9.4	20.1
1252	47575.	660574.	72.	1.06	1.21	.16	.61	.43	203.	1100.	329.	588.	18.9	48.1	13.2	10.4	9.5
1253	47453.	660401.	99.	.75	.88	.11	.24	.33	224.	385.	300.	719.	19.8	43.6	18.1	5.7	6.3

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHold

Prøve nr.	East	North	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)
1164	48855.	660947.	17.6	.6	.3	7.4	56.3	20.3	7.0	.3	.3	2.7	7.4	1.9	62.7	39.3
1165	48802.	660893.	36.8	1.0	.3	14.1	80.8	27.1	5.4	.5	.3	4.7	29.2	4.1	140.4	36.6
1166	48569.	660820.	39.6	.9	.3	14.4	53.5	21.4	5.6	.5	.3	4.0	18.9	2.5	38.8	13.3
1167	48307.	660696.	23.7	.7	.3	7.5	47.8	11.4	7.3	.3	.3	2.3	3.9	1.5	24.9	11.3
1168	48291.	660702.	30.3	1.2	.3	10.6	68.4	36.8	10.8	.4	.3	3.7	9.7	3.0	44.3	22.2
1169	48199.	660741.	30.7	.6	.8	11.4	89.1	27.8	6.8	.4	.3	3.7	10.9	2.5	39.4	21.3
1170	48030.	660707.	28.4	.3	.3	10.3	63.2	40.1	11.0	.3	.3	3.4	11.3	3.2	42.3	20.3
1231	47717.	660604.	42.4	2.4	.3	11.3	85.7	25.5	6.9	.3	.3	3.5	8.4	2.7	31.3	12.7
1232	47749.	660595.	28.8	1.6	.3	10.9	42.5	47.8	12.2	.5	.3	2.1	9.3	3.1	38.5	21.9
1233	47655.	660556.	33.1	.8	.3	11.0	73.5	29.3	9.9	.4	.3	2.6	9.0	2.8	45.3	21.9
1234	47344.	660688.	32.2	2.2	.3	11.4	54.1	62.2	14.6	.7	.3	2.3	12.3	3.3	38.1	21.7
1235	47459.	660563.	39.7	2.9	.4	11.3	82.9	45.8	10.1	.5	.3	3.0	8.5	3.0	45.4	19.0
1236	47480.	660576.	31.8	2.8	.4	11.6	60.3	61.6	15.0	.7	.3	2.3	13.2	3.5	41.5	22.4
1237	47475.	660537.	17.0	.8	.3	8.0	47.6	20.4	10.1	.3	.3	1.2	6.8	1.4	41.7	20.1
1238	47558.	660495.	20.5	.6	.4	6.0	49.1	14.2	11.4	.3	.3	1.7	3.0	1.2	32.7	15.6
1239	47960.	659967.	43.5	1.7	.3	7.2	53.8	14.3	3.8	.3	.3	3.2	8.3	3.6	23.7	8.5
1240	47992.	659901.	31.7	1.2	.3	3.6	61.6	16.8	2.7	.5	.3	2.2	7.1	3.1	25.3	12.3
1241	47224.	660973.	31.4	2.9	.6	11.5	99.4	67.2	19.1	.6	.3	3.0	20.4	3.3	52.0	24.4
1242	47287.	660922.	21.9	1.2	.3	6.6	54.3	32.9	7.7	.3	.3	1.7	3.5	2.3	48.4	26.1
1243	47441.	660887.	16.1	.8	.3	4.4	39.9	15.5	5.2	.3	.3	1.2	3.2	1.1	24.9	13.6
1244	47296.	660879.	16.7	.4	.4	5.6	44.4	21.3	5.7	.3	.3	1.3	2.7	1.5	28.8	15.5
1245	47391.	660669.	64.8	5.6	.3	10.3	975.6	43.9	10.7	1.1	.3	8.1	19.1	7.4	57.9	17.2
1246	47283.	660773.	40.1	2.2	.5	10.4	129.5	35.8	11.8	.4	.3	4.2	8.1	3.0	58.9	23.8
1247	47298.	660788.	21.8	.8	.3	7.7	64.5	35.1	8.5	.3	.3	1.6	7.4	2.2	34.3	16.9
1248	47497.	660634.	84.9	2.8	.3	15.7	228.7	31.7	11.7	1.1	.3	6.4	21.1	7.8	49.1	13.8
1249	47559.	660402.	33.1	1.8	.3	8.7	81.9	36.9	9.5	.3	.3	2.8	6.1	2.6	41.3	17.4
1250	47679.	660250.	27.0	.7	.3	9.4	47.9	19.7	7.8	.3	.3	1.9	5.5	2.1	36.8	21.5
1251	47485.	660602.	45.4	2.6	.3	9.0	123.9	30.1	9.7	.8	.3	4.8	18.9	6.2	55.2	21.6
1252	47575.	660574.	27.6	2.7	.3	9.8	51.9	47.5	11.7	.3	.3	2.0	10.1	2.9	38.5	20.7
1253	47453.	660401.	17.9	.5	.4	8.7	90.7	27.9	6.0	.3	.3	1.4	5.2	1.8	42.2	28.7

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNOLD

Prøve nr.	East	North	Si (ppm)	Al (%)	Fe (%)	Ti (%)	Mg (%)	Ca (%)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)
1254	47094.	660507.	68.	.61	.82	.12	.23	.31	282.	537.	303.	534.	15.9	38.4	14.3	4.9	7.1
1255	47090.	660547.	63.	.94	1.43	.22	.36	.35	236.	360.	514.	686.	15.5	50.8	22.2	7.8	11.5
1256	47169.	660482.	65.	1.08	1.22	.17	.27	.37	218.	339.	595.	501.	15.9	37.1	19.6	10.2	10.3
1257	47246.	660333.	68.	.70	.97	.15	.29	.27	208.	426.	332.	625.	16.9	34.1	14.9	6.5	8.4
1258	47340.	660293.	64.	.71	.94	.10	.24	.16	220.	166.	954.	336.	12.5	26.6	26.3	4.9	11.5
1259	47383.	660291.	54.	1.06	1.62	.12	.26	.35	219.	158.	1400.	671.	24.3	42.3	20.1	6.1	10.5
1260	47311.	660334.	73.	.71	1.18	.19	.31	.35	211.	377.	364.	776.	14.8	35.9	15.7	6.4	10.1
1261	47446.	661349.	70.	.55	1.72	.18	.18	.21	203.	91.	181.	357.	13.4	20.2	23.3	3.6	6.8
1262	47530.	661305.	62.	.72	1.38	.17	.25	.29	178.	256.	158.	670.	10.3	22.1	13.2	5.2	7.3
1263	47540.	661549.	77.	1.86	2.66	.26	.84	.52	185.	394.	297.	1400.	17.6	72.2	18.0	19.5	18.1
1264	47627.	661331.	76.	1.90	3.31	.21	.64	.47	194.	330.	2700.	859.	20.2	107.2	34.0	22.9	35.4
1265	47605.	661334.	84.	.72	1.60	.23	.21	.36	268.	267.	681.	803.	11.2	43.0	22.4	4.1	12.1
1266	47705.	661249.	59.	.63	.72	.14	.18	.24	169.	398.	381.	473.	14.3	37.2	23.0	4.2	7.3
1267	47741.	661196.	64.	1.27	2.46	.16	.33	.29	195.	317.	1800.	669.	15.3	79.9	31.6	8.4	23.7
1268	47752.	661323.	92.	1.62	3.89	.19	.20	.26	232.	259.	2000.	941.	14.5	58.7	52.9	5.3	22.5
1269	47695.	661146.	59.	.70	1.06	.16	.20	.25	221.	202.	237.	545.	16.6	28.3	19.2	3.9	8.6
1270	47681.	661129.	75.	1.17	2.48	.21	.24	.28	197.	240.	2000.	497.	14.4	85.1	35.3	5.9	23.8
1271	47668.	661059.	76.	1.16	2.65	.23	.25	.29	188.	139.	2100.	436.	14.8	93.7	27.8	7.3	27.3
1272	47701.	660947.	72.	.82	1.50	.19	.25	.25	197.	132.	407.	451.	11.1	33.0	21.1	4.5	9.5
1273	47713.	660976.	69.	.79	1.29	.16	.21	.27	277.	295.	393.	657.	16.6	42.1	29.6	4.8	8.7
1274	47818.	660935.	70.	1.99	3.25	.19	.54	.41	204.	736.	2000.	724.	18.3	128.7	58.8	13.6	27.3
1275	47926.	660779.	62.	.72	.94	.14	.29	.22	184.	337.	306.	436.	16.2	42.3	41.6	6.6	8.5
1276	47807.	660825.	61.	.95	1.22	.12	.25	.31	173.	340.	1200.	969.	20.2	58.7	29.5	6.6	9.9
1277	47806.	660802.	75.	.87	1.01	.14	.36	.23	238.	385.	376.	527.	16.8	36.8	31.9	6.4	9.5
1278	48197.	660685.	62.	1.02	1.44	.09	.28	.19	252.	272.	1100.	570.	16.0	30.2	27.0	5.8	12.7
1279	48105.	660692.	61.	.79	.87	.11	.25	.21	308.	308.	154.	505.	18.6	20.2	21.3	4.8	6.1
1280	48039.	660690.	70.	.93	1.14	.12	.34	.32	291.	323.	407.	680.	17.3	38.3	15.0	7.1	9.6
1281	48851.	661171.	88.	.97	1.55	.15	.52	.19	257.	878.	283.	403.	13.4	33.1	22.1	15.9	11.3
1282	48860.	661201.	94.	1.02	1.23	.12	.31	.26	223.	267.	787.	436.	15.3	47.0	16.5	13.8	12.7
1283	48843.	661204.	77.	2.00	3.33	.08	.39	.25	227.	296.	9500.	874.	20.8	109.1	192.8	21.2	80.3

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHold

Prøve nr.	East	North	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)
1254	47094.	660507.	17.9	.3	.3	6.1	63.8	21.7	7.2	.3	.3	1.4	3.5	1.9	44.1	24.9
1255	47090.	660547.	30.0	1.0	.4	10.8	66.1	27.3	9.5	.3	.3	2.4	6.2	2.4	43.0	23.9
1256	47169.	660482.	27.1	.7	.3	12.5	112.5	25.3	7.6	.3	.3	2.2	7.1	2.2	54.0	34.6
1257	47246.	660333.	22.4	.5	.3	7.4	41.8	18.0	8.6	.3	.3	1.6	4.2	2.1	40.1	24.1
1258	47340.	660293.	21.9	1.0	.6	6.0	45.9	12.7	5.5	.3	.3	1.5	4.3	1.5	25.3	11.6
1259	47383.	660291.	26.3	1.6	.5	8.0	79.2	20.2	6.3	.3	.3	2.9	6.0	1.9	49.0	31.2
1260	47311.	660334.	26.0	.6	.3	9.2	54.1	22.2	8.9	.3	.3	2.0	4.6	2.1	41.1	21.9
1261	47446.	661349.	29.6	3.3	.3	6.4	39.5	17.2	10.6	.3	.3	2.8	2.9	1.3	29.3	12.9
1262	47530.	661305.	29.0	7.3	.3	8.4	33.6	19.5	8.1	.3	.3	2.3	5.1	1.6	35.7	18.0
1263	47540.	661549.	59.0	2.3	.3	21.1	44.3	35.1	8.5	.8	.3	4.4	10.3	3.5	55.6	21.5
1264	47627.	661331.	49.9	3.9	.3	23.8	102.4	24.5	8.6	.8	.3	8.0	9.6	2.2	52.7	13.3
1265	47605.	661334.	29.9	1.9	.3	8.4	59.4	24.0	10.0	.5	.3	3.0	3.5	1.9	53.3	25.3
1266	47705.	661249.	17.7	.9	.3	5.9	44.0	18.1	10.6	.3	.3	1.6	4.1	1.5	43.9	23.2
1267	47741.	661196.	36.6	1.9	.3	10.2	65.7	19.4	11.2	.3	.3	4.5	8.3	2.6	52.9	17.7
1268	47752.	661323.	45.3	2.3	.3	9.5	75.1	19.9	11.4	.7	.3	7.9	4.8	2.2	60.9	19.9
1269	47695.	661146.	22.7	1.5	.3	7.2	42.8	20.4	7.9	.3	.3	2.1	4.1	1.7	42.5	22.2
1270	47681.	661129.	38.7	7.0	.3	9.8	61.3	18.2	12.1	.8	.3	4.4	6.0	1.8	48.3	16.9
1271	47668.	661059.	39.3	7.7	.3	9.5	67.7	19.4	12.0	.6	.3	4.6	6.7	1.8	45.3	16.0
1272	47701.	660947.	25.9	1.2	.3	8.3	40.9	18.0	9.5	.3	.3	2.9	5.4	1.6	32.5	14.6
1273	47713.	660976.	25.1	1.9	.3	7.1	38.0	18.5	8.7	.3	.3	2.6	4.2	1.7	48.3	24.0
1274	47818.	660935.	57.0	2.9	.3	16.3	73.7	22.9	11.4	.4	.3	6.2	14.8	3.1	53.0	14.0
1275	47926.	660779.	22.0	1.0	.3	9.0	39.3	15.8	6.1	.3	.3	1.8	5.4	1.5	29.6	14.4
1276	47807.	660825.	21.9	1.0	.3	8.0	84.0	24.0	4.9	.3	.3	2.5	6.2	1.7	63.5	30.1
1277	47806.	660802.	24.1	1.0	.3	8.9	40.0	16.2	6.0	.3	.3	1.8	7.8	1.8	28.9	13.6
1278	48197.	660685.	25.5	1.2	.3	8.0	51.0	13.4	6.6	.3	.3	2.5	5.4	1.6	32.4	12.0
1279	48105.	660692.	20.6	.3	.4	6.5	47.2	16.0	5.0	.3	.3	1.5	4.1	1.6	24.3	10.9
1280	48039.	660690.	25.8	1.3	.3	8.1	43.4	19.3	6.5	.3	.3	2.1	6.4	2.1	28.6	16.1
1281	48851.	661171.	40.3	2.0	.3	13.5	33.3	13.7	5.7	.3	.3	2.7	6.0	2.1	14.0	5.0
1282	48860.	661201.	23.3	.9	.3	7.6	51.3	16.8	4.8	.3	.3	2.3	6.4	1.7	31.5	10.2
1283	48843.	661204.	48.9	6.6	.9	9.0	87.3	15.4	7.8	.3	.3	6.5	5.2	1.9	55.0	9.6

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNOLD

Prøve nr.	East	North	Si (ppm)	Al (%)	Fe (%)	Ti (%)	Mg (%)	Ca (%)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)
1284	48946.	661169.	78.	2.50	1.77	.08	.30	.26	219.	251.	1700.	610.	19.9	85.6	21.6	14.5	23.8
1285	49031.	661130.	74.	1.26	1.59	.10	.31	.22	278.	214.	1900.	485.	26.3	36.0	33.2	9.9	26.2
1286	49067.	661076.	65.	1.12	1.57	.12	.30	.22	244.	296.	1000.	523.	21.4	38.8	19.4	9.4	13.3
1287	49106.	661024.	57.	.64	.90	.11	.19	.21	211.	306.	844.	392.	12.4	26.9	21.0	4.9	10.7
1288	49017.	660922.	75.	.52	.59	.11	.20	.21	268.	126.	111.	410.	12.3	19.9	7.0	4.8	4.5
1289	48954.	660970.	65.	.70	.75	.12	.16	.18	254.	364.	71.	279.	20.0	16.3	9.5	4.7	4.7
1290	47135.	659685.	75.	1.91	4.66	.08	.36	.16	196.	158.	2400.	954.	22.0	54.0	77.7	8.2	30.1
1291	47179.	659665.	140.	1.32	2.61	.11	.59	.22	324.	47.	572.	603.	22.8	53.9	18.6	13.9	17.3
1292	47215.	659658.	136.	.31	.42	.04	.09	.05	187.	33.	32.	136.	12.6	8.4	10.3	1.0	2.4
1293	47274.	659632.	112.	.56	.80	.12	.19	.13	251.	503.	74.	241.	13.4	17.0	16.6	4.0	5.0
1294	47344.	659677.	115.	1.06	1.67	.12	.39	.26	251.	494.	295.	725.	24.3	51.7	24.0	3.4	14.9
1295	47398.	659640.	116.	.48	.58	.09	.13	.14	386.	192.	122.	261.	12.7	15.3	22.3	3.1	5.5
1296	47417.	659638.	101.	.92	1.40	.14	.34	.23	298.	462.	141.	498.	14.7	26.1	23.4	8.1	8.1
1297	47448.	659649.	73.	.70	1.04	.12	.24	.21	245.	332.	419.	407.	14.6	24.3	21.7	5.2	11.2
1298	47506.	659690.	78.	1.26	1.86	.13	.51	.63	472.	546.	194.	2100.	16.0	46.9	18.4	6.2	10.1
1299	47500.	659709.	64.	1.57	2.32	.10	.57	.23	294.	347.	440.	538.	23.5	41.4	27.6	12.6	15.3
1300	47757.	659623.	103.	2.18	2.72	.11	.87	.28	386.	535.	744.	995.	37.7	58.2	43.6	23.7	25.7
1301	48313.	661946.	64.	.65	1.09	.12	.17	.16	157.	325.	723.	350.	9.3	27.0	31.2	3.3	10.7
1302	48320.	661933.	65.	.84	1.92	.14	.20	.25	228.	443.	2800.	576.	11.7	48.5	40.5	6.5	25.3
1303	48342.	661972.	62.	.92	4.42	.14	.12	.17	168.	105.	2800.	391.	9.3	36.8	24.5	4.3	37.9
1304	48387.	662027.	65.	1.62	2.29	.15	.32	.16	231.	845.	1300.	462.	12.9	99.4	32.1	7.4	21.4
1305	48476.	662187.	63.	1.51	1.70	.14	.39	.22	177.	1100.	3100.	730.	16.9	118.7	33.4	8.3	18.4
1306	48241.	662203.	64.	.98	1.04	.11	.29	.12	143.	858.	451.	346.	9.1	28.3	14.7	3.4	7.1
1307	48320.	662228.	67.	1.31	1.15	.14	.55	.05	166.	3200.	70.	152.	6.5	32.7	7.8	3.6	7.3
1308	48516.	662338.	57.	1.01	1.14	.16	.34	.19	240.	909.	389.	363.	8.1	25.7	10.7	5.5	9.4
1309	48670.	662333.	69.	1.24	1.62	.15	.34	.32	310.	1200.	815.	891.	15.2	52.1	11.7	8.8	13.0
1310	48654.	662354.	83.	1.50	1.96	.19	.46	.42	261.	1200.	1700.	1300.	15.4	90.9	25.4	8.4	21.1
1311	48608.	661933.	75.	.82	2.97	.11	.17	.20	250.	186.	5100.	426.	11.5	49.6	28.5	4.5	25.3
1312	48541.	661938.	109.	.93	1.32	.15	.45	.31	276.	1100.	761.	470.	12.6	52.7	12.3	6.6	9.8
1313	48472.	662034.	62.	.97	4.12	.16	.25	.21	229.	483.	726.	531.	11.4	38.4	20.8	3.8	12.2

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHold

Prøve nr.	East	North	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)
1284	48946.	661169.	29.2	3.0	.3	8.6	62.2	18.2	6.7	.3	.3	4.8	11.7	2.8	101.5	39.6
1285	49031.	661130.	31.5	3.2	.4	7.3	41.7	15.8	4.4	.3	.3	3.3	9.9	1.7	26.8	8.2
1286	49067.	661076.	27.7	.5	.3	8.4	36.6	14.8	5.3	.3	.3	3.1	10.7	1.7	41.7	11.1
1287	49106.	661024.	18.9	.8	.3	5.8	31.9	14.0	6.8	.3	.3	1.8	3.4	1.5	31.9	12.9
1288	49017.	660922.	15.0	.3	.3	5.6	40.4	15.5	5.3	.3	.3	1.1	3.6	1.4	21.1	13.9
1289	48954.	660970.	16.3	.3	.3	5.7	29.8	13.8	8.8	.3	.3	1.5	3.8	1.4	38.0	15.6
1290	47135.	659685.	67.1	2.3	.3	10.4	64.2	11.4	7.8	.3	.3	7.5	5.4	3.4	29.8	1.0
1291	47179.	659665.	51.4	1.3	.3	10.6	50.6	13.5	4.4	.3	.3	4.3	8.1	4.9	21.5	3.1
1292	47215.	659658.	13.2	.3	.3	5.4	33.6	6.8	1.7	.3	.3	.7	1.0	2.4	15.2	7.5
1293	47274.	659632.	20.9	.3	.3	6.1	33.2	11.6	5.5	.3	.3	1.3	2.7	1.5	25.8	12.5
1294	47344.	659677.	33.9	1.0	.3	9.7	48.1	15.0	8.0	.3	.3	3.1	7.3	2.5	41.4	18.6
1295	47398.	659640.	17.7	.3	.3	4.4	28.7	11.8	2.9	.3	.3	1.1	1.9	2.2	19.9	11.8
1296	47417.	659638.	38.3	.3	.3	8.6	46.4	15.3	7.1	.3	.3	2.4	4.8	3.1	29.0	13.4
1297	47448.	659649.	24.7	.4	.3	5.8	45.2	14.1	6.0	.3	.3	1.9	3.8	2.1	27.5	15.4
1298	47506.	659690.	35.0	1.0	.3	3.4	51.2	19.2	4.0	.3	.3	3.4	7.3	4.0	26.6	11.9
1299	47500.	659709.	55.1	.9	.3	14.2	33.5	12.6	6.0	.3	.3	4.1	9.9	4.1	19.6	3.4
1300	47757.	659623.	60.6	.9	.3	15.5	81.5	14.9	3.2	.3	.3	4.8	12.6	4.7	20.6	2.7
1301	48313.	661946.	21.0	2.5	.3	5.9	29.1	12.4	14.8	.3	.3	2.3	3.3	1.2	38.2	19.8
1302	48320.	661933.	34.9	2.8	.3	7.8	57.7	18.9	10.8	.3	.3	4.1	3.9	1.5	44.7	16.7
1303	48342.	661972.	35.1	19.4	.3	4.3	44.4	12.3	18.4	.5	.3	8.3	2.3	.9	68.2	8.1
1304	48387.	662027.	39.7	5.7	.3	10.4	54.0	12.6	16.1	.3	.3	5.3	12.2	2.4	69.0	27.1
1305	48476.	662187.	32.6	3.8	1.5	10.1	76.1	15.1	24.9	.3	.3	4.1	10.4	2.5	77.6	34.1
1306	48241.	662203.	18.4	.4	.3	5.1	41.2	10.9	23.3	.3	.3	2.2	6.9	1.4	65.3	27.6
1307	48320.	662228.	34.9	.3	.3	6.1	54.2	7.8	30.9	.3	.3	2.4	10.1	3.3	32.7	18.6
1308	48516.	662338.	25.3	.3	.3	7.9	61.3	14.1	14.4	.3	.3	2.4	6.0	2.0	28.6	15.9
1309	48670.	662333.	31.2	.8	.3	8.1	101.2	21.7	8.5	.3	.3	3.5	9.3	2.3	36.8	13.7
1310	48654.	662354.	38.6	2.7	.6	10.2	93.6	21.6	11.6	.6	.3	4.2	9.9	3.0	40.5	19.3
1311	48608.	661933.	33.5	10.2	.5	6.0	87.9	16.0	12.1	.3	.3	5.4	3.7	1.1	37.9	5.2
1312	48541.	661938.	24.9	1.5	.3	8.3	69.3	21.4	13.3	.3	.3	2.8	9.7	1.6	41.7	23.3
1313	48472.	662034.	43.7	3.2	.3	8.1	43.0	14.2	21.8	.7	.3	7.4	4.5	1.5	53.5	11.3

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHold

Prøve nr.	East	North	Si (ppm)	Al (%)	Fe (%)	Ti (%)	Mg (%)	Ca (%)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)
1314	48481.	662021.	55.	.28	.46	.06	.09	.07	179.	163.	31.	142.	6.8	9.4	5.9	2.1	2.3
1315	48538.	662100.	59.	1.33	1.61	.12	.32	.22	172.	924.	1100.	693.	14.2	81.7	34.2	7.1	10.9
1316	48793.	662100.	50.	2.27	4.81	.06	.13	.13	259.	369.	5800.	841.	18.6	91.2	63.2	5.6	34.9
1317	48874.	662036.	68.	1.71	2.03	.19	.61	.34	260.	1600.	1100.	665.	25.1	92.9	24.1	12.8	14.7
1318	49100.	661952.	61.	1.87	2.45	.15	.48	.29	336.	732.	3700.	542.	20.7	99.4	40.2	16.6	28.3
1319	49080.	662310.	64.	1.17	1.87	.17	.42	.29	275.	718.	494.	640.	12.9	45.8	16.9	10.2	14.9
1320	49094.	662214.	64.	1.01	1.36	.14	.33	.31	283.	668.	742.	675.	13.9	59.5	16.8	9.1	13.4
1321	48115.	661360.	66.	.95	2.98	.18	.23	.31	253.	312.	2500.	639.	10.4	79.3	32.6	7.3	23.4
1322	48127.	661182.	62.	1.35	4.41	.13	.27	.19	190.	224.	6100.	631.	14.7	86.8	41.2	11.3	85.8
1323	48214.	661042.	66.	1.10	1.60	.17	.43	.33	273.	518.	1300.	803.	11.7	60.8	24.9	6.7	17.3
1324	48235.	660897.	54.	1.04	1.66	.13	.27	.25	226.	724.	1800.	426.	12.8	81.0	17.4	7.4	23.1
1325	47689.	660122.	71.	1.89	2.28	.17	.87	.36	341.	862.	299.	809.	29.9	60.2	16.6	16.2	17.4
1326	47551.	660206.	63.	1.44	1.40	.10	.54	.30	211.	337.	338.	589.	22.4	51.9	9.8	14.4	10.4
1327	47594.	660178.	46.	.81	.92	.05	.27	.14	166.	426.	251.	395.	13.1	27.0	9.8	6.6	7.0
1328	47655.	660289.	53.	.72	.76	.08	.19	.26	200.	340.	335.	418.	11.5	84.3	10.2	4.4	6.0
1329	47815.	660132.	53.	1.04	1.00	.09	.33	.34	284.	380.	333.	561.	21.3	44.8	11.0	8.6	8.2
1330	47933.	660021.	76.	1.22	1.32	.18	.49	.43	359.	254.	164.	813.	23.7	33.6	20.5	13.5	11.2
1331	48804.	660100.	58.	.23	.31	.03	.08	.07	246.	10.	32.	76.	10.4	8.2	4.7	1.3	1.8
1332	48897.	660078.	52.	.37	.52	.03	.11	.06	191.	34.	46.	185.	14.6	10.1	8.6	2.8	2.9
1333	48768.	660052.	56.	.57	1.09	.06	.14	.12	259.	36.	80.	298.	12.8	14.1	5.8	2.9	3.9
1334	48696.	660000.	51.	.37	.59	.04	.12	.07	278.	12.	58.	154.	6.8	12.6	9.8	3.6	3.0
1335	48694.	660024.	48.	.41	1.07	.05	.10	.10	215.	10.	39.	218.	9.5	10.6	7.5	2.0	2.2
1336	48576.	659962.	78.	.22	.60	.04	.06	.08	365.	10.	24.	89.	12.8	12.9	6.0	3.1	1.3
1337	48474.	659873.	52.	.52	.69	.04	.12	.10	201.	115.	116.	316.	9.2	14.7	7.2	3.0	4.3
1338	48432.	659846.	57.	.25	.49	.04	.08	.07	251.	26.	29.	125.	6.9	8.0	8.1	1.4	2.3
1339	48429.	659865.	52.	.36	.55	.04	.13	.09	282.	19.	44.	207.	10.2	12.4	8.7	2.3	2.7
1340	48313.	659780.	52.	.25	.36	.04	.09	.07	254.	81.	37.	111.	6.9	10.7	4.9	2.0	2.4
1341	48302.	659764.	77.	.36	.48	.04	.11	.08	248.	95.	49.	197.	14.0	12.6	10.1	4.9	3.2
1342	48194.	659637.	61.	.63	.86	.10	.16	.19	241.	480.	169.	496.	8.8	16.6	9.9	3.6	5.5
1343	48098.	659781.	95.	.85	1.46	.11	.43	.30	437.	251.	189.	369.	17.3	27.5	11.8	12.3	9.5

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHOLD

Preve nr.	East	North	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)
1314	48481.	662021.	11.4	.6	.3	2.6	17.3	6.7	8.6	.3	.3	.9	1.9	.7	18.9	11.1
1315	48538.	662100.	28.6	2.2	.7	8.6	65.1	14.4	22.3	.3	.3	3.9	7.4	2.1	79.3	39.1
1316	48793.	662100.	48.5	8.9	.8	10.8	98.3	11.7	21.6	.4	.3	10.2	4.9	2.3	121.6	22.3
1317	48874.	662036.	38.4	3.1	.3	10.3	89.8	21.1	12.8	.5	.3	4.4	21.9	2.7	37.3	16.3
1318	49100.	661952.	40.0	3.6	.8	13.1	78.0	18.6	11.9	.5	.3	5.2	9.4	2.3	50.4	14.8
1319	49080.	662310.	34.1	2.5	.4	10.2	56.6	15.0	11.2	.3	.3	3.7	7.0	2.4	27.2	12.3
1320	49094.	662214.	26.0	2.1	.3	8.3	64.2	15.8	10.7	.3	.3	3.0	6.7	2.1	35.5	16.8
1321	48115.	661360.	36.2	3.9	.7	7.5	87.3	22.1	10.4	.4	.3	5.4	15.5	1.7	48.9	11.3
1322	48127.	661182.	48.4	3.5	.8	8.1	82.1	13.8	14.4	.5	.3	7.9	7.0	1.8	52.7	4.0
1323	48214.	661042.	31.9	3.6	.3	9.5	31.9	22.4	12.2	.5	.3	3.8	7.9	2.3	54.6	24.9
1324	48235.	660897.	28.3	2.3	.7	9.3	78.5	19.5	10.8	.3	.3	3.7	6.3	1.7	38.5	14.7
1325	47689.	660122.	60.2	1.6	.3	14.5	64.3	17.2	7.9	.6	.3	4.3	14.3	4.8	31.6	11.4
1326	47551.	660206.	31.9	.5	.5	14.2	62.1	21.7	6.8	.3	.3	2.8	13.9	2.8	45.6	19.8
1327	47594.	660178.	23.7	.3	.3	6.8	31.2	8.5	3.6	.3	.3	1.7	5.2	1.8	30.3	19.6
1328	47655.	660289.	15.4	.3	.5	6.5	52.0	18.5	8.5	.3	.3	1.5	4.2	1.4	39.0	19.6
1329	47815.	660132.	24.2	.3	.3	9.3	59.6	16.2	4.2	.3	.3	1.9	7.3	2.1	70.8	17.7
1330	47933.	660021.	36.2	.9	.4	13.4	26.6	23.0	6.2	.3	.3	2.5	8.0	2.9	46.0	20.8
1331	48804.	660100.	8.5	.3	.3	2.4	31.6	4.1	2.2	.3	.3	.5	.7	1.3	8.5	4.3
1332	48897.	660078.	10.6	.3	.3	3.0	19.5	4.2	1.6	.3	.3	.9	1.7	1.1	9.2	4.0
1333	48768.	660052.	18.9	.3	.3	4.5	19.5	6.2	2.9	.3	.3	1.8	2.0	1.5	11.6	4.3
1334	48696.	660000.	13.5	.3	.3	3.6	15.9	5.4	1.7	.3	.3	1.0	1.7	1.1	9.4	5.0
1335	48694.	660024.	15.7	.3	.3	3.9	22.7	5.0	3.7	.3	.3	1.8	1.3	1.2	13.3	3.8
1336	48576.	659962.	9.4	.3	.3	2.4	31.6	6.0	2.3	.3	.3	1.1	.5	.8	7.2	2.5
1337	48474.	659873.	15.3	.3	.3	4.6	35.5	8.0	2.8	.3	.3	1.3	1.9	1.7	20.5	9.9
1338	48432.	659846.	9.8	.3	.3	2.4	33.4	5.0	4.7	.3	.3	.8	.9	.7	10.3	5.6
1339	48429.	659865.	13.7	.3	.3	3.0	31.6	5.4	2.5	.3	.3	.9	1.7	1.1	9.2	5.1
1340	48313.	659780.	8.5	.3	.3	2.4	16.9	5.0	2.9	.3	.3	.6	1.0	.9	16.1	9.8
1341	48302.	659764.	12.1	.3	.3	3.6	37.0	7.1	2.2	.3	.3	.8	1.4	1.1	13.0	6.8
1342	48194.	659637.	18.6	.4	.3	5.4	28.3	14.1	5.4	.3	.3	1.6	2.4	1.5	27.5	13.5
1343	48098.	659781.	35.2	1.0	.3	9.5	28.4	9.9	3.7	.4	.3	2.6	5.3	2.7	14.3	4.1

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTER, PRØVENUMMER, UTM-KOORDINATER OG METALLINNHOLD

reve nr.	East	North	Si (ppm)	Al (%)	Fe (%)	Ti (%)	Mg (%)	Ca (%)	Na (ppm)	K (ppm)	Mn (ppm)	P (ppm)	Cu (ppm)	Zn (ppm)	Pb (ppm)	Ni (ppm)	Co (ppm)
1344	48080.	659804.	62.	.77	.85	.08	.26	.24	296.	289.	96.	515.	15.9	17.9	8.8	3.3	6.3
1345	48081.	659755.	80.	.65	.80	.11	.21	.26	241.	436.	266.	535.	9.7	32.8	4.6	4.8	7.1
1346	48007.	659647.	67.	1.16	.85	.11	.25	.28	352.	774.	261.	537.	12.8	39.6	10.5	6.5	8.2
1347	47962.	659768.	71.	1.35	.95	.06	.30	.16	242.	262.	254.	654.	14.8	42.5	13.9	6.9	9.4
1348	47990.	659782.	60.	.82	1.24	.10	.30	.32	312.	418.	578.	540.	15.3	42.1	10.6	8.1	9.5
1349	47982.	659728.	55.	.83	1.14	.11	.17	.12	213.	109.	167.	225.	9.6	16.5	8.5	3.3	6.5
1350	47965.	659675.	54.	.72	.66	.11	.25	.35	227.	147.	81.	503.	41.1	24.6	12.1	5.8	5.5
1351	47867.	660088.	90.	1.88	1.93	.13	.81	.48	339.	940.	468.	778.	36.1	103.5	19.3	22.3	15.5
1352	47209.	659726.	84.	1.29	1.32	.11	.42	.20	178.	352.	598.	358.	19.4	50.1	15.2	11.2	12.6
1353	47175.	659761.	66.	1.19	2.32	.13	.39	.19	228.	415.	859.	463.	14.9	28.3	21.1	7.3	16.5
1354	47152.	659790.	162.	1.69	2.14	.17	.62	.37	278.	984.	981.	573.	18.4	59.4	24.2	13.5	19.3
1355	47110.	659831.	89.	2.43	2.73	.20	1.20	.31	287.	1300.	1200.	622.	18.7	87.0	19.0	20.1	32.5
1356	47078.	659866.	84.	1.05	1.35	.12	.39	.22	232.	549.	507.	411.	14.7	59.2	14.3	8.5	11.9
1357	47056.	659916.	87.	1.71	2.33	.16	.65	.32	225.	626.	548.	612.	24.9	99.0	22.0	13.3	16.3
1358	47030.	659941.	96.	1.68	2.81	.14	.51	.49	257.	429.	1400.	761.	24.2	110.7	25.2	11.4	17.2
1359	47494.	659614.	86.	1.34	2.34	.09	.40	.25	294.	302.	617.	748.	19.2	57.8	18.8	9.6	17.3
1360	47627.	659662.	70.	1.90	3.32	.14	.63	.34	364.	457.	530.	1200.	22.1	60.2	32.6	15.1	19.3
3072	49057.	661115.	71.	.52	.99	.09	.17	.19	199.	286.	1200.	298.	12.3	22.5	16.4	4.4	10.3
3073	48825.	660927.	73.	1.16	1.24	.16	.50	.35	218.	1400.	937.	752.	22.2	55.9	37.3	11.1	17.3
3074	48693.	660835.	94.	1.19	1.37	.15	.36	.34	211.	852.	575.	828.	17.4	37.9	13.3	9.7	14.6
3075	48410.	660779.	90.	.92	1.32	.16	.44	.33	201.	843.	558.	513.	21.1	53.2	13.6	10.4	11.4
3076	48394.	660692.	96.	1.30	1.29	.18	.55	.39	202.	584.	185.	787.	13.1	37.8	10.2	8.4	10.6

KARTBLAD 1614 III FLATDAL.

BEKKESEDIMENTENTER, PROVENUMMER, UTM-KOORDINATER OG METALLINNOLD

Preve nr.	East	North	V (ppm)	Mo (ppm)	Cd (ppm)	Cr (ppm)	Ba (ppm)	Sr (ppm)	Zr (ppm)	Ag (ppm)	B (ppm)	Be (ppm)	Li (ppm)	Sc (ppm)	Ce (ppm)	La (ppm)
1344	48089.	659804.	21.1	.3	.3	6.8	27.5	11.1	3.9	.3	.3	1.5	3.1	1.9	20.8	11.8
1345	48081.	659755.	18.6	.3	.3	5.7	43.5	16.1	5.7	.3	.3	1.7	3.5	1.9	28.4	15.9
1346	48007.	659647.	19.1	.4	.6	7.8	59.8	20.1	5.5	.3	.3	2.0	6.3	2.2	51.1	31.9
1347	47962.	659768.	21.2	.4	.3	5.6	47.1	9.4	2.1	.3	.3	2.0	6.3	2.5	21.7	10.1
1348	47990.	659782.	25.8	.9	.3	8.2	43.8	19.0	6.5	.3	.3	2.3	4.5	2.2	37.5	18.2
1349	47982.	659728.	24.9	.3	.3	5.9	38.5	11.7	5.4	.3	.3	2.1	3.9	1.7	20.9	7.8
1350	47965.	659675.	21.5	.9	.3	8.2	48.1	21.3	4.9	.3	.3	1.5	3.8	2.5	58.5	39.7
1351	47867.	660088.	41.1	.9	.3	15.2	62.6	22.7	6.9	.3	.3	3.7	12.9	3.9	31.8	18.4
1352	47209.	659726.	29.2	.4	.3	12.9	40.4	15.9	3.8	.3	.3	2.7	7.5	2.5	31.9	14.1
1353	47175.	659761.	52.6	1.0	.3	10.0	24.1	14.9	8.3	.3	.3	4.1	6.3	2.2	26.6	7.8
1354	47152.	659790.	50.4	.9	.3	12.4	55.0	23.1	4.0	.5	.3	4.0	12.4	3.0	32.1	11.6
1355	47110.	659831.	65.1	1.6	.3	19.0	91.8	25.6	5.7	.7	.3	4.9	22.2	5.1	28.2	8.3
1356	47078.	659866.	33.1	.5	.4	9.3	47.7	14.4	6.4	.3	.3	2.6	7.4	2.5	32.6	13.9
1357	47056.	659916.	51.7	1.3	.3	11.3	37.9	19.4	7.2	.8	.3	4.3	13.4	3.7	39.3	16.9
1358	47030.	659941.	51.3	1.0	.5	11.2	74.6	22.2	7.4	.7	.3	4.8	12.4	3.1	40.7	11.9
1359	47494.	659614.	52.0	1.4	.3	10.4	49.5	13.1	4.9	.3	.3	4.2	7.6	5.6	29.2	6.7
1360	47627.	659662.	65.3	2.3	.3	10.7	66.7	13.1	5.4	.8	.3	5.7	10.8	5.2	26.1	3.2
3072	49057.	661115.	18.0	.3	.3	5.3	30.5	13.7	5.7	.3	.3	1.2	3.4	1.2	19.8	9.0
3073	48825.	660927.	30.1	.6	.6	10.9	46.5	21.5	8.7	.5	.3	1.9	12.7	2.9	40.0	19.4
3074	48693.	660835.	30.2	.4	.3	11.3	45.3	20.3	7.7	.4	.3	2.2	8.3	2.2	55.1	18.9
3075	48410.	660779.	27.2	.4	.3	13.2	48.4	21.3	8.1	.3	.3	2.2	9.0	2.1	31.3	18.6
3076	48394.	660692.	33.0	.7	.5	11.4	38.8	31.6	9.7	.6	.3	1.7	10.2	3.0	38.6	22.6

KARTBLAD 1614 III FLATDAL. BEKKESEDIMENTER. STATISTISKE PARAMETERE
FOR HELE KARTBLADET.

NAME	MIN	MAX	MEAN	STD.DEV	NO.OF. NON ZEROS
Si	46.200	162.100	73.185	18.424	172
Al	.220	2.670	1.043	.497	172
Fe	.310	5.330	1.512	.937	172
Ti	.030	.300	.129	.047	172
Mg	.060	1.200	.348	.204	172
Ca	.050	.990	.290	.150	172
Na	143.000	517.000	238.306	61.061	172
K	10.000	3200.000	571.598	503.407	172
Mn	23.600	9500.000	782.477	1161.712	172
P	67.700	3300.000	632.849	453.519	172
Cu	6.500	51.400	17.166	6.687	172
Zn	7.000	158.700	47.130	30.572	172
Pb	4.200	192.800	21.269	17.831	172
Ni	1.000	23.700	7.798	4.389	172
Co	1.800	85.800	12.917	10.644	172
V	8.500	84.900	29.576	13.182	172
Mo	.300	19.400	1.568	2.136	172
Cd	.300	1.500	.353	.146	172
Cr	2.400	23.800	8.560	3.444	172
Ba	14.400	975.600	57.898	75.010	172
Sr	4.100	67.200	19.081	10.048	172
Zr	1.600	30.900	8.417	4.523	172
Ag	.300	1.100	.388	.160	172
B	.300	.300	.300	.000	172
Be	.500	10.200	2.885	1.759	172
Li	.500	29.200	7.013	4.591	172
Sc	.700	7.800	2.274	1.102	172
Ce	7.200	140.400	38.085	18.179	172
La	1.000	88.200	16.791	9.545	172

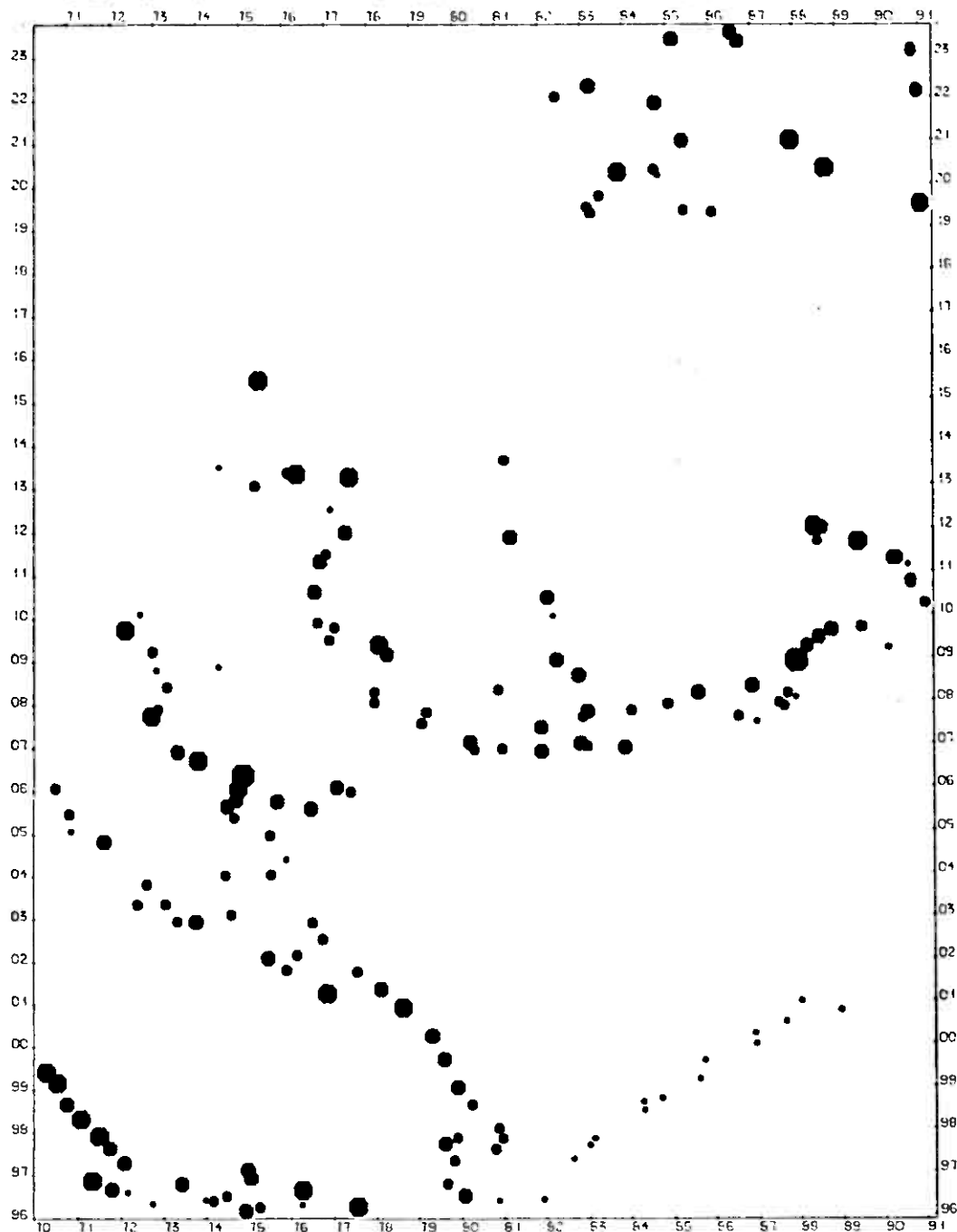
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

THU, JAN 28, 1982

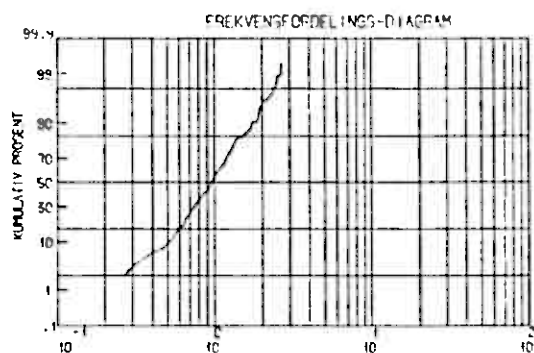
HØDDE LOSELTIG AL

MÅLESTOKK :



SYMBOL :

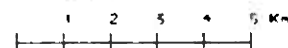
ØVRE GRENSE : .63 1.00 1.60 2.50 3.90 6.30 10.00 16.00 25.00 39.00 > 39.00



SKALA FOR ESTIMERING AV STANDARDAVVIK

N= 172
MIN= .22
MAX= 2.67
MODEL= 1.04

MÅLESTOKK :

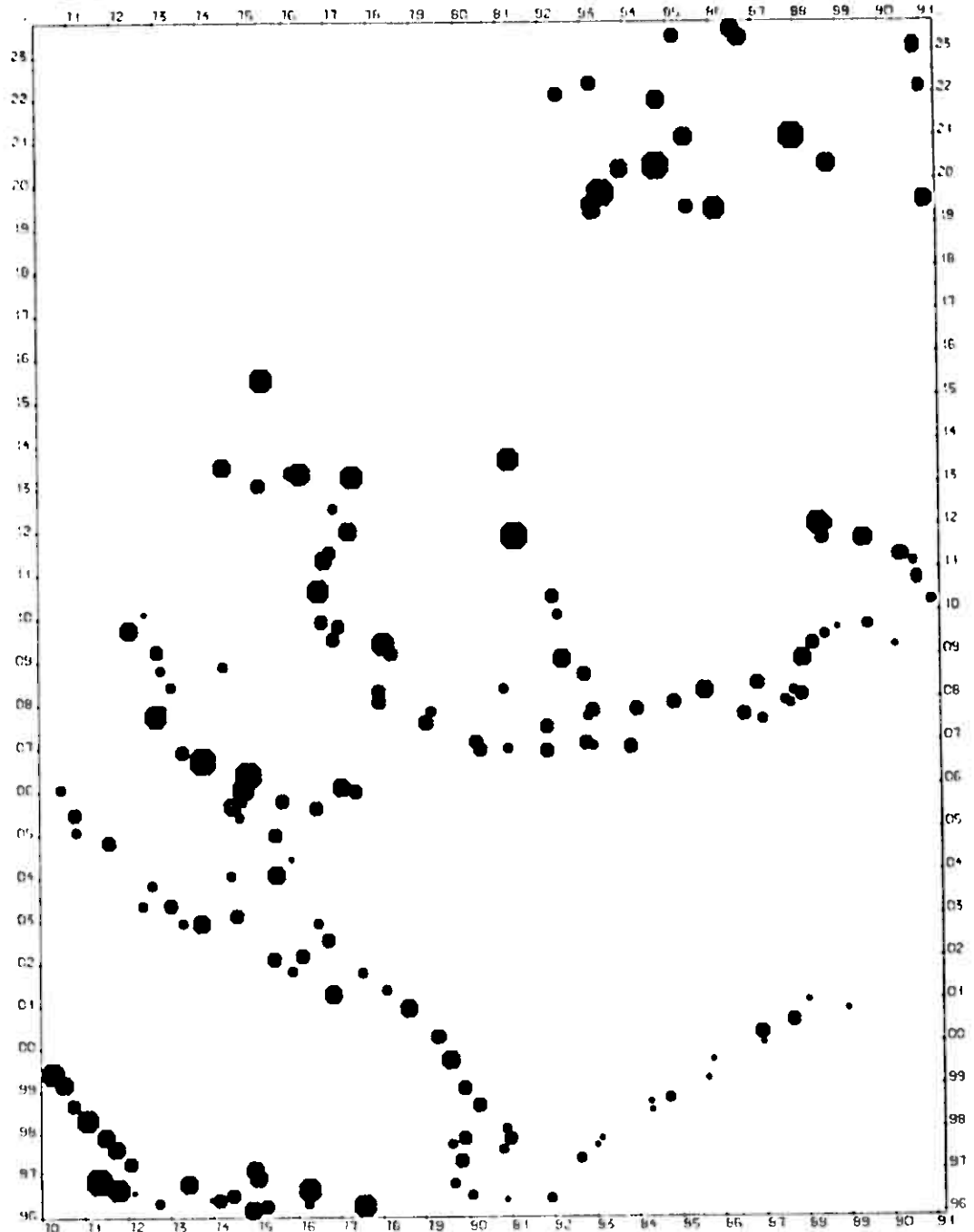


NORGES GEOLOGISKE UNDERSØKELSE DEKKESEDIMENT
VED. JAN 20. 1992

KARTBLAD FLATDAL 1G14111

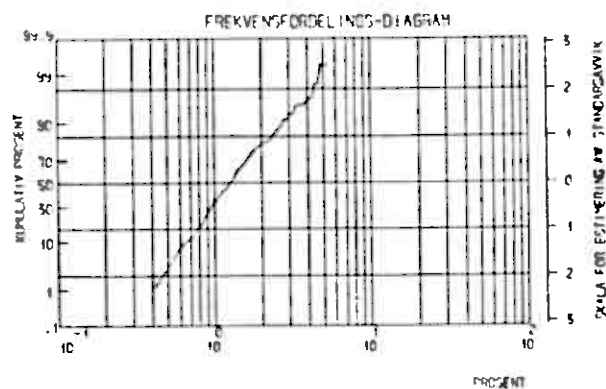
WVDS LOSELIG FE

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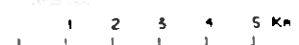


SYMBOL :

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



N= 172
MIN= .51
MAX= 5.55
MIDDEL= 1.51
MÅLESTOKK :



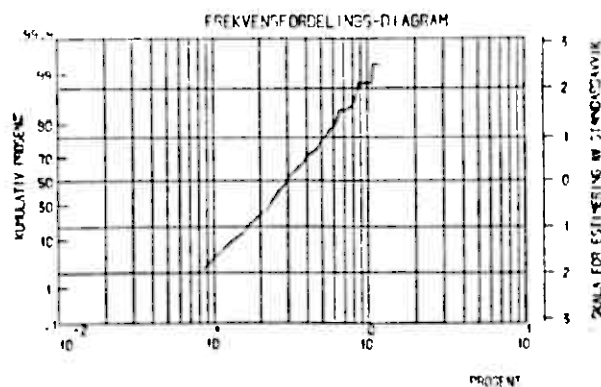
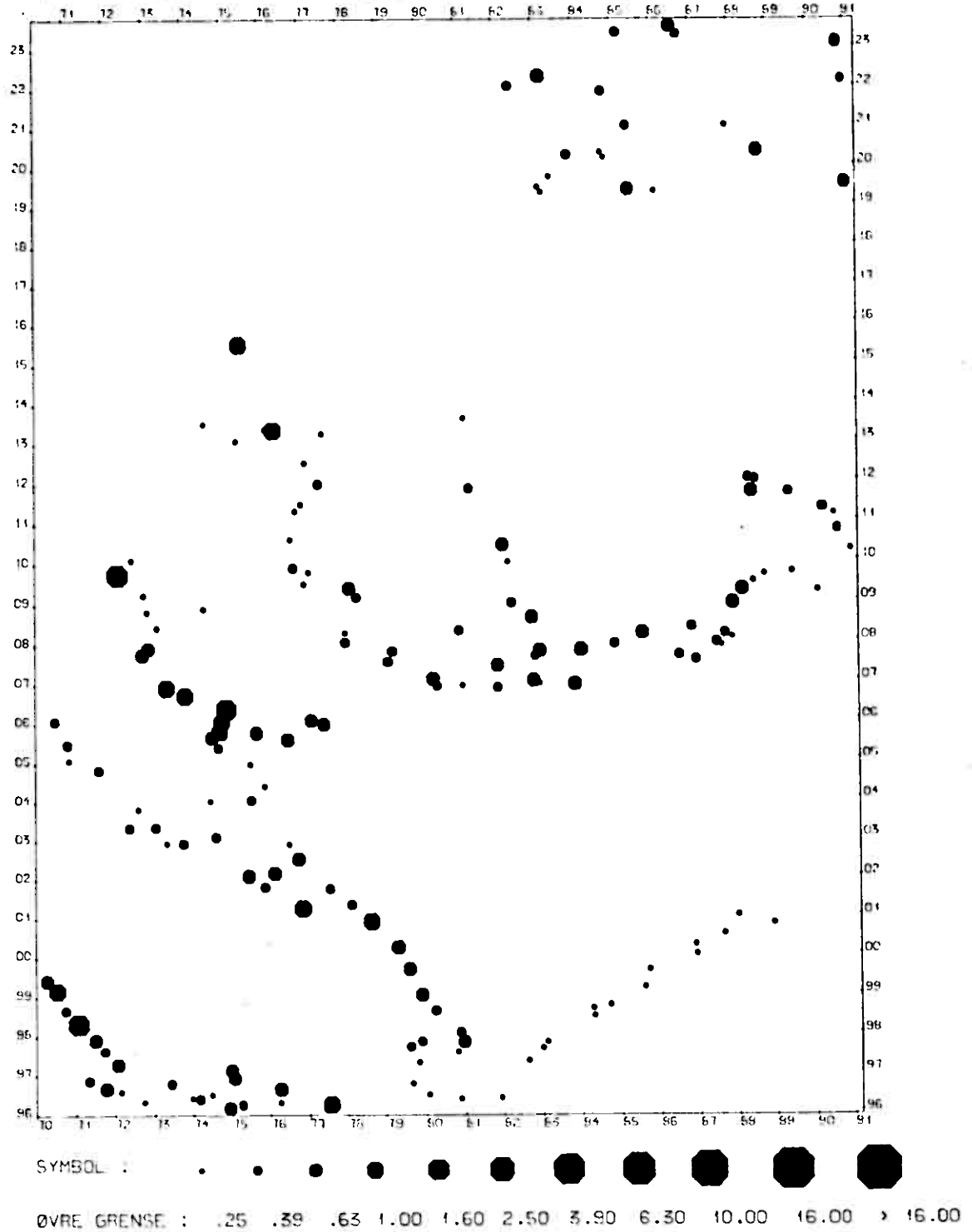
NORGES GEOLOGISKE UNDERSØKELSE REKKESEDIMENT

KARTBLAD FLATDAL 1614111

THU. JAN 26, 1952

HNO3 LOSELTIG MG

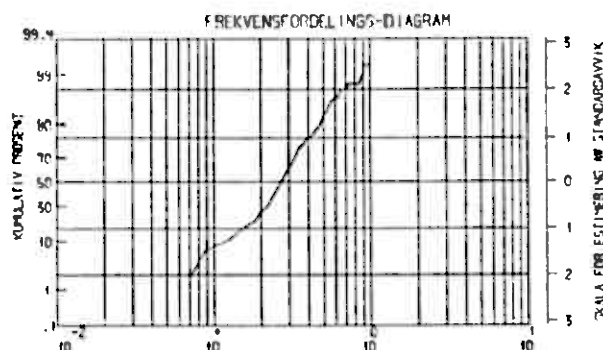
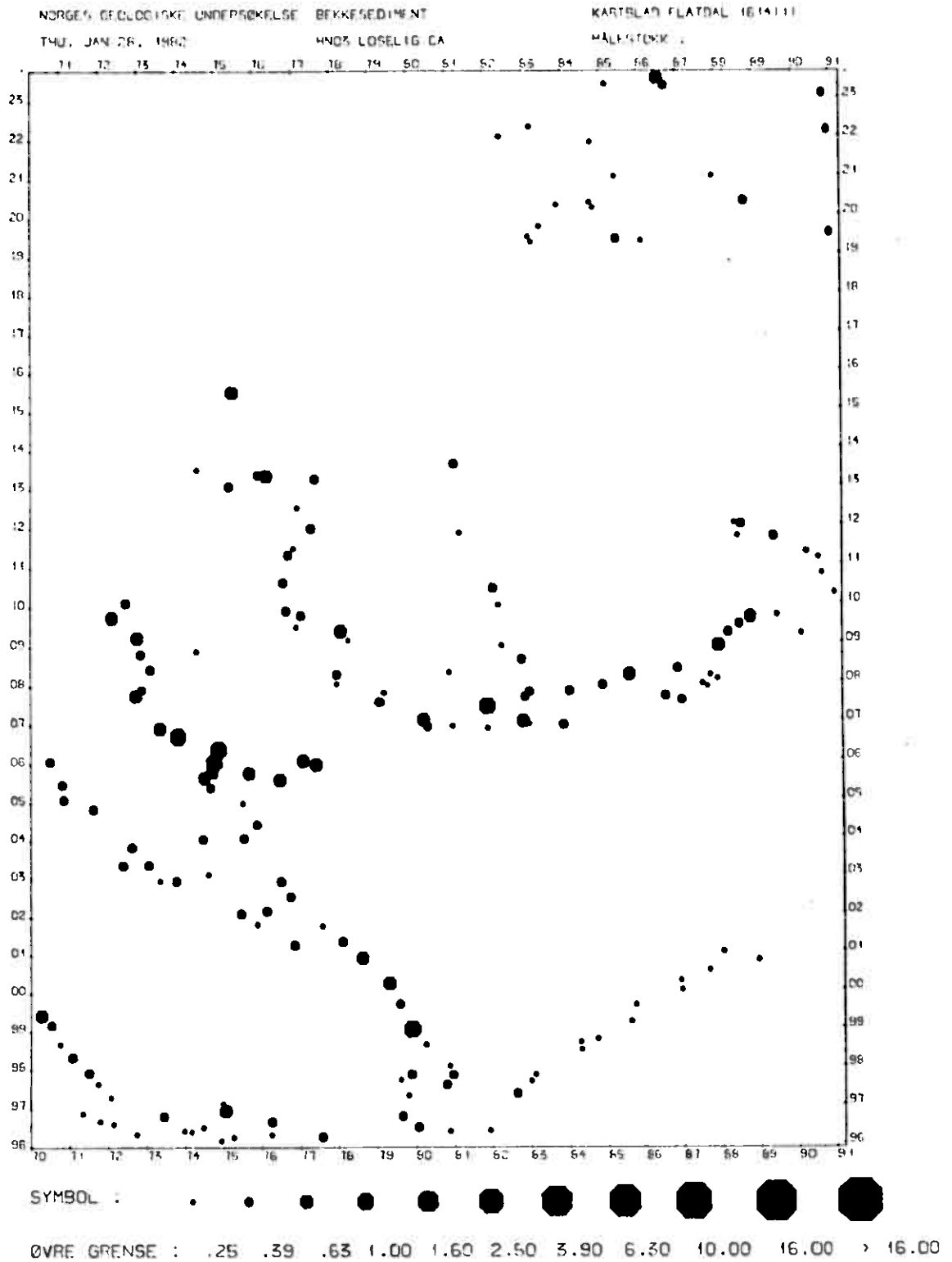
MÅLESTOKK :



MG

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 MIN= .06
 MAX= 1.20
 MIDDEL= .35
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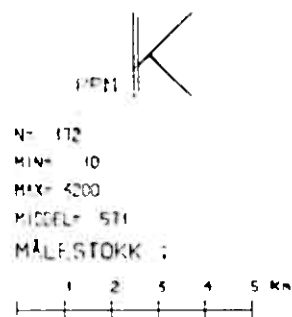
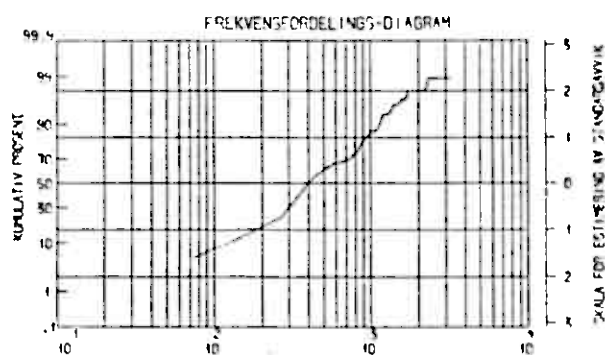
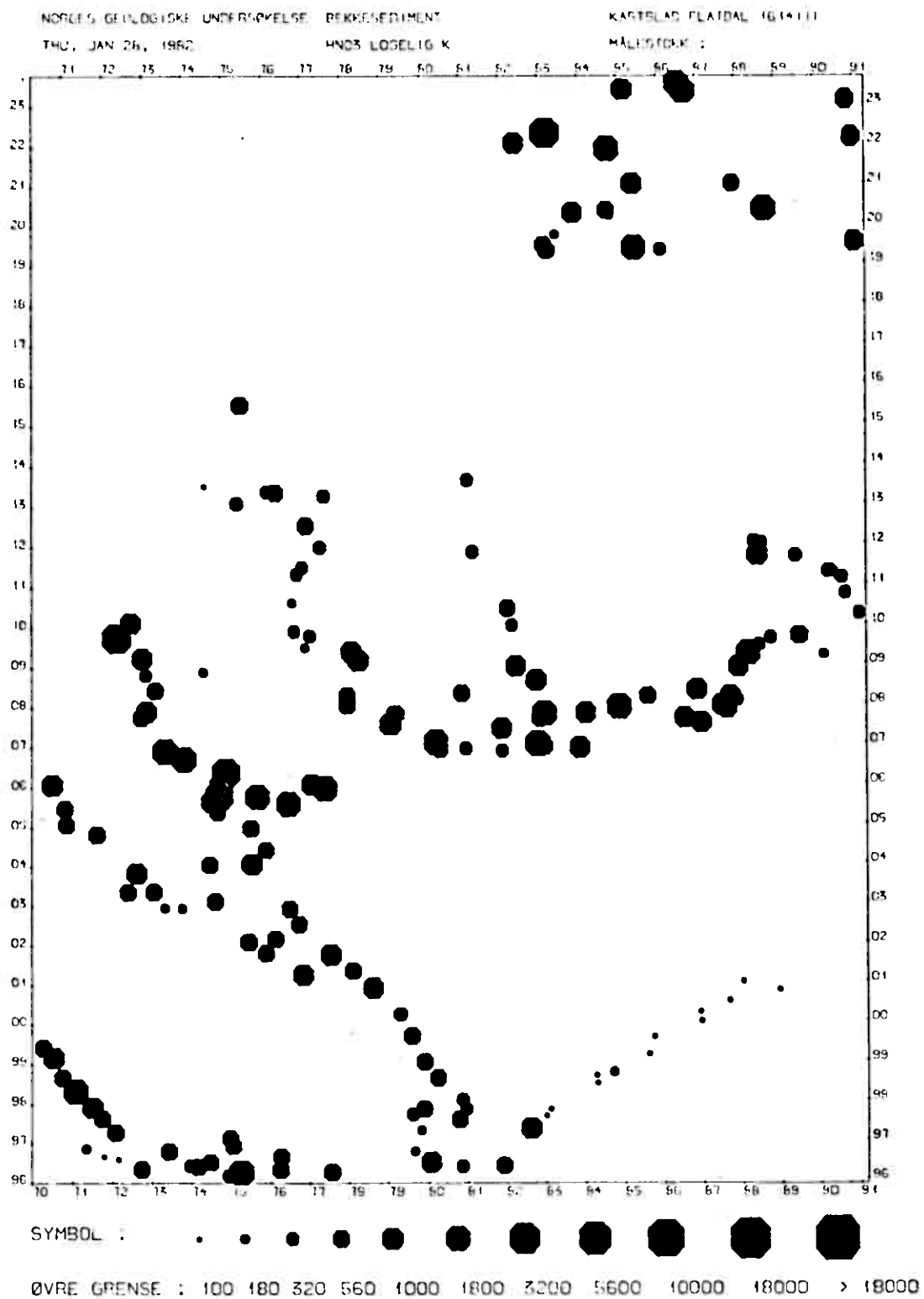
1 2 3 4 5 6

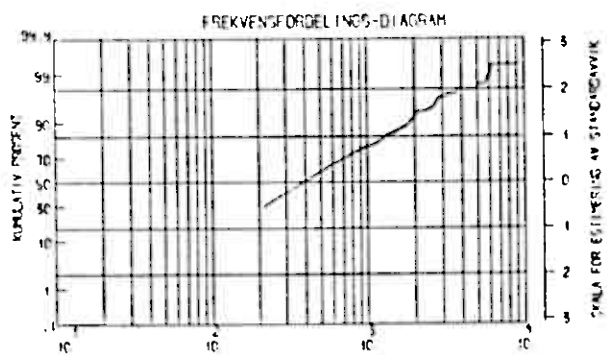
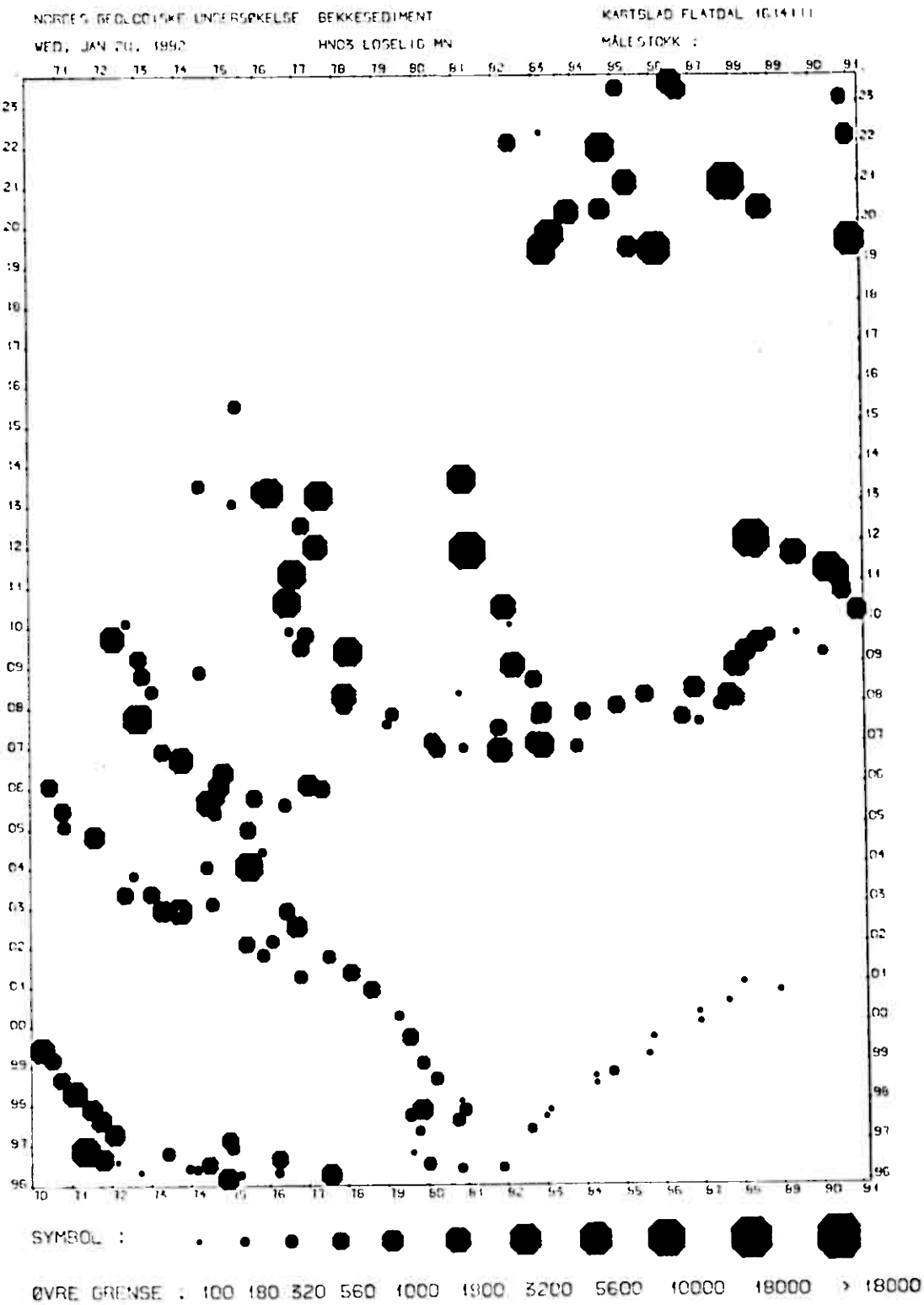


CA

N= 17
 MIN= .05
 MAX= .99
 MIDDEL= .29
 MÅLESTOKK :

1 2 3 4 5 km





MN

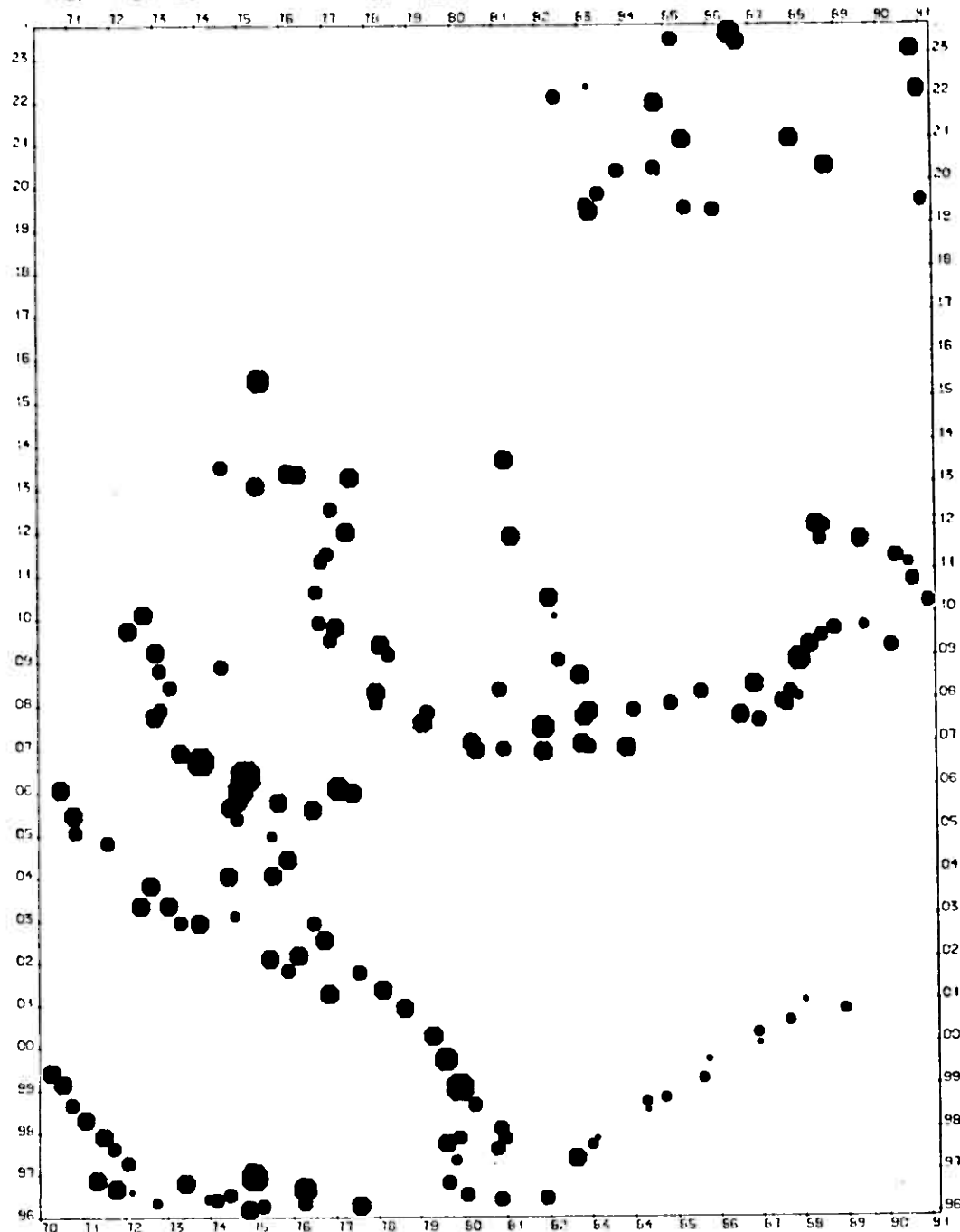
PEM

N= 172
MIN= 23
MAX= 9500
MIDDEL= 162
MÅLESTOKK :
1 2 5 4 5 km

Kartbilag: 1853 B/7

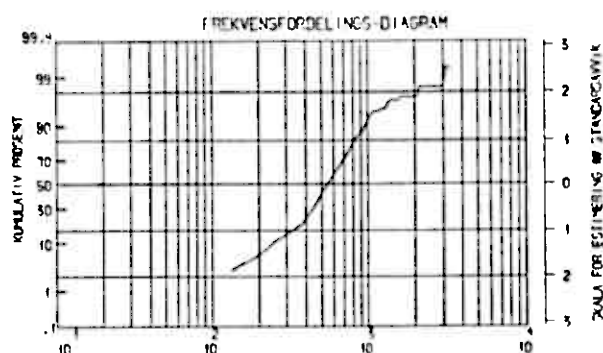
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT
THU, JAN 28, 1982 HNO₃ LOSELIG P

KARTBLAD FLATDAL 1614111
MÅLESTOKK :



SYMBOL :

ØVRE GRENSE : 180 320 560 1000 1800 3200 5600 10000 18000 32000 > 32000



PPM 
N= 172
MIN= 61
MAX= 3300
MIDDEL= 632
MÅLESTOKK :
1 2 3 4 5 Km

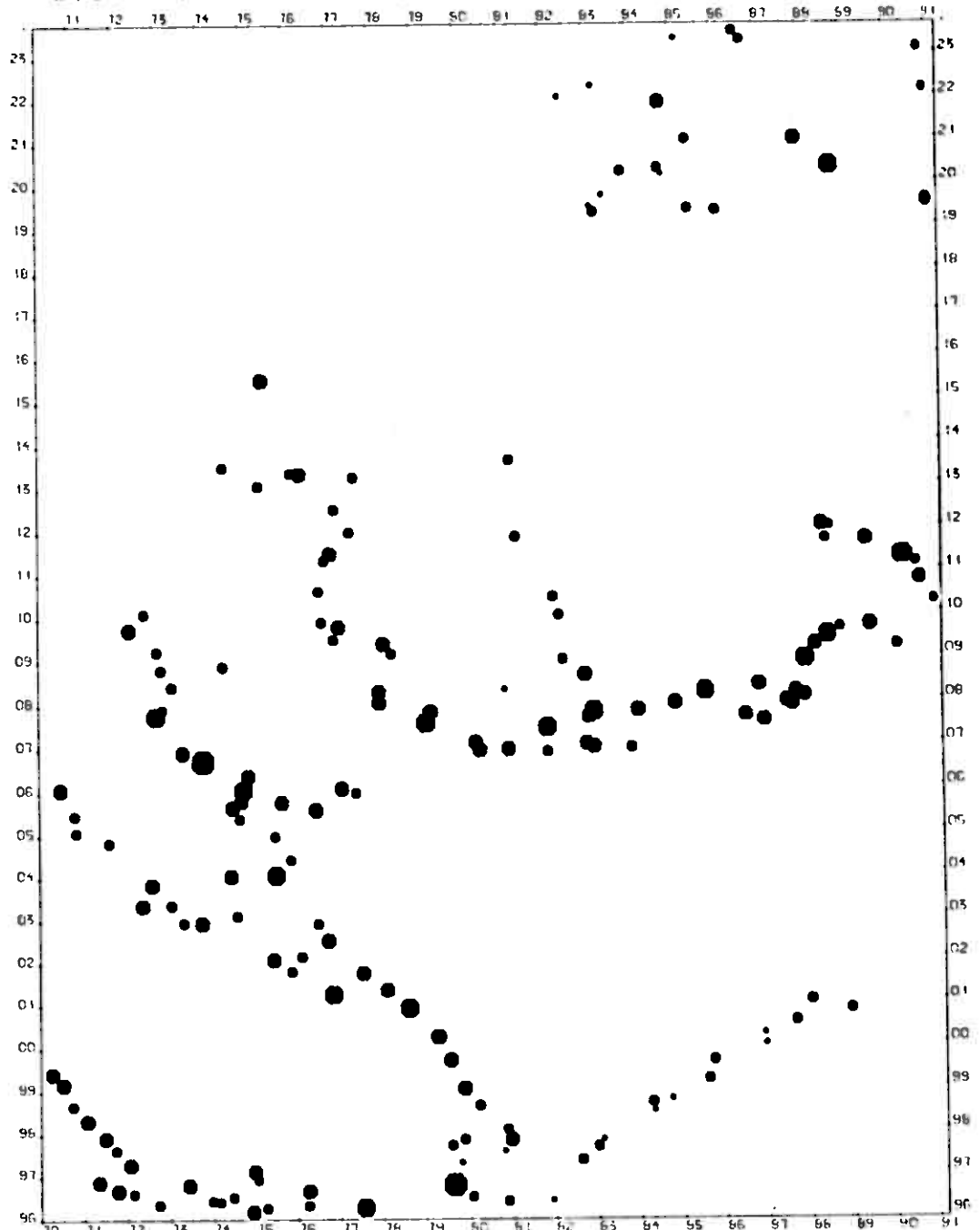
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

VED, JAN 20, 1962

HND3 LOSELIG CU

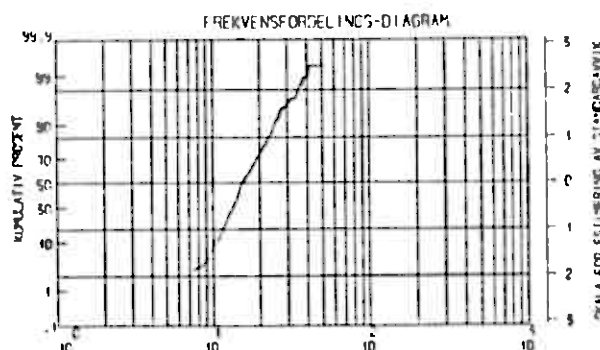
MÅLESTOKK :



SYMBOL :



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



CU

N= 172

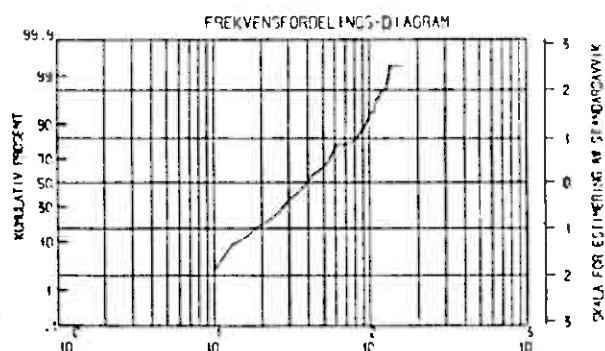
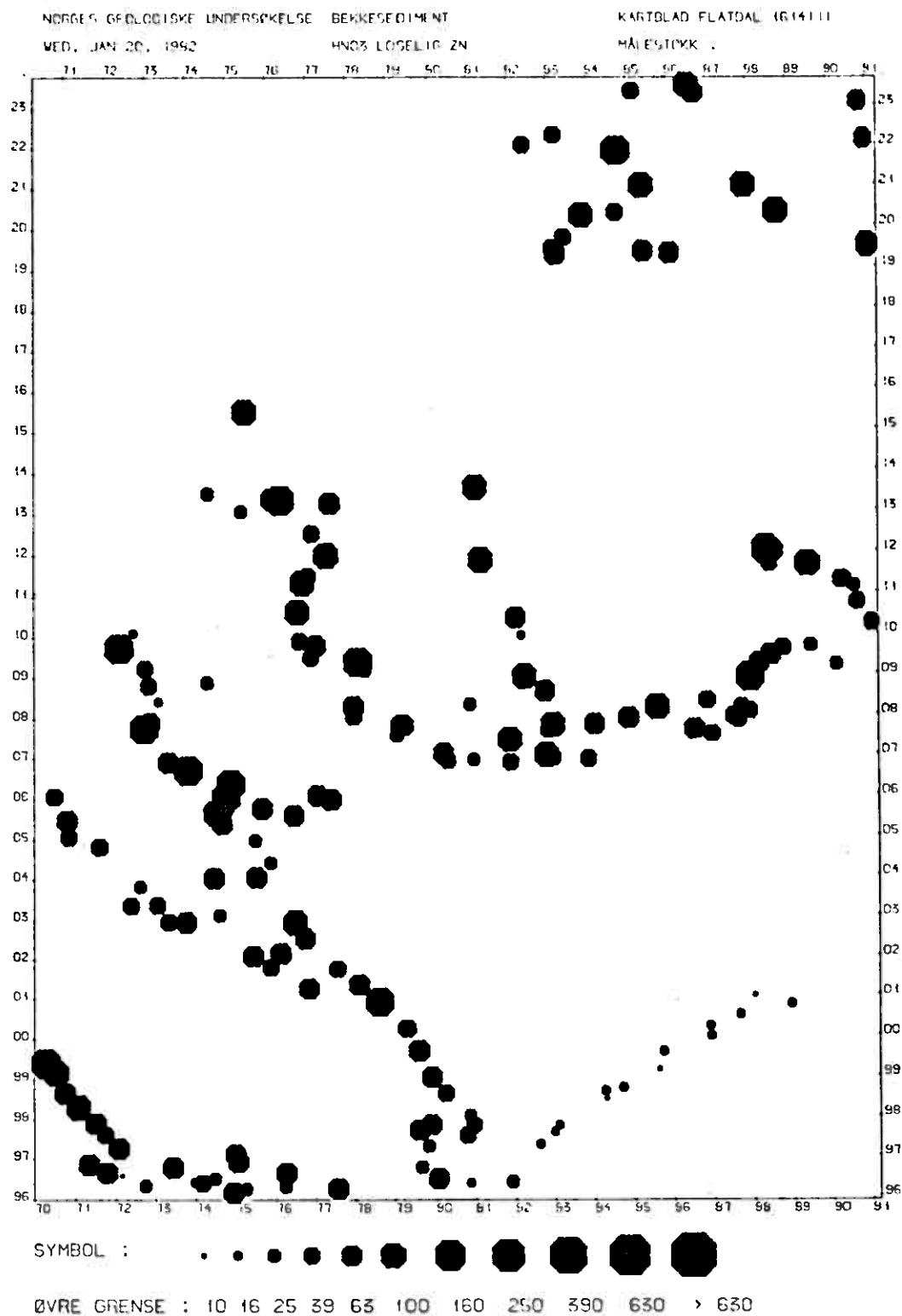
MIN= 0

MAX= 51

MIDDEL= 17

MÅLESTOKK :





PPM **ZN**

N= 172
MIN= 7
MAX= 159
MIDDEL= 47
MÅLESTOKK :

1 2 3 4 5 Km

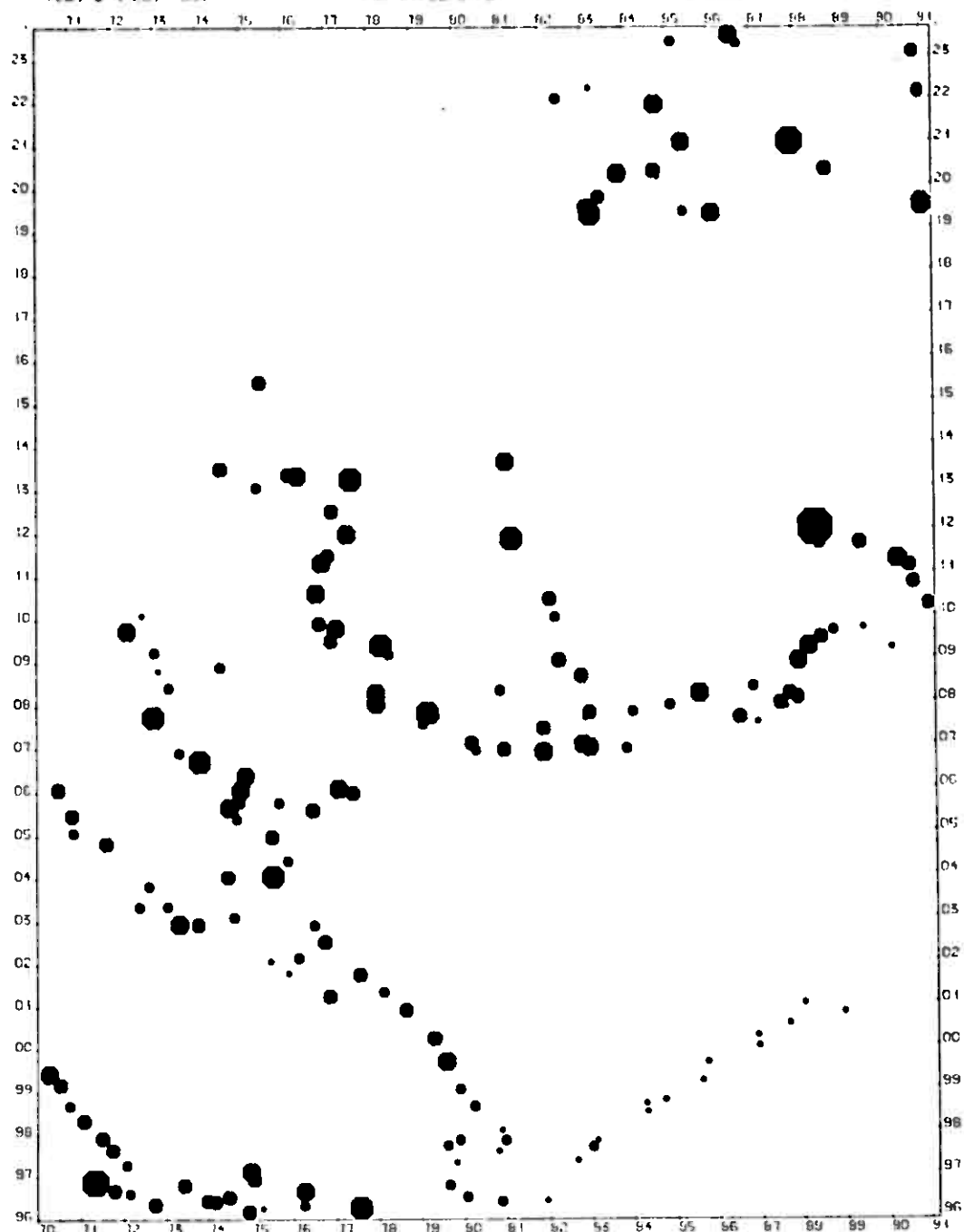
NORDELS GEOLOGISKE UNDERSØKELSE: BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

VED. JAN 20. 1992

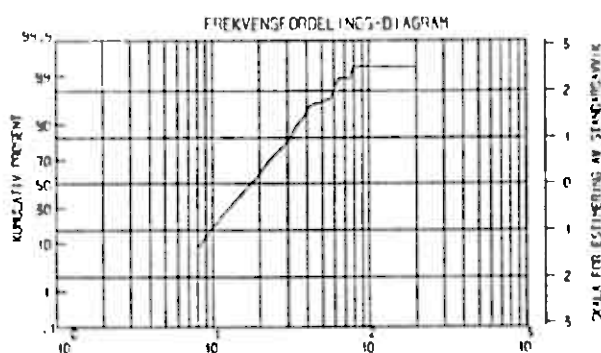
HNO₃ LØSELIG PB

MÅLESTOKK :



SYMBOL :

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PB

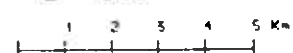
N= 172

MIN= 4

MAX= 192

MIDDEL= 21

MÅLESTOKK :



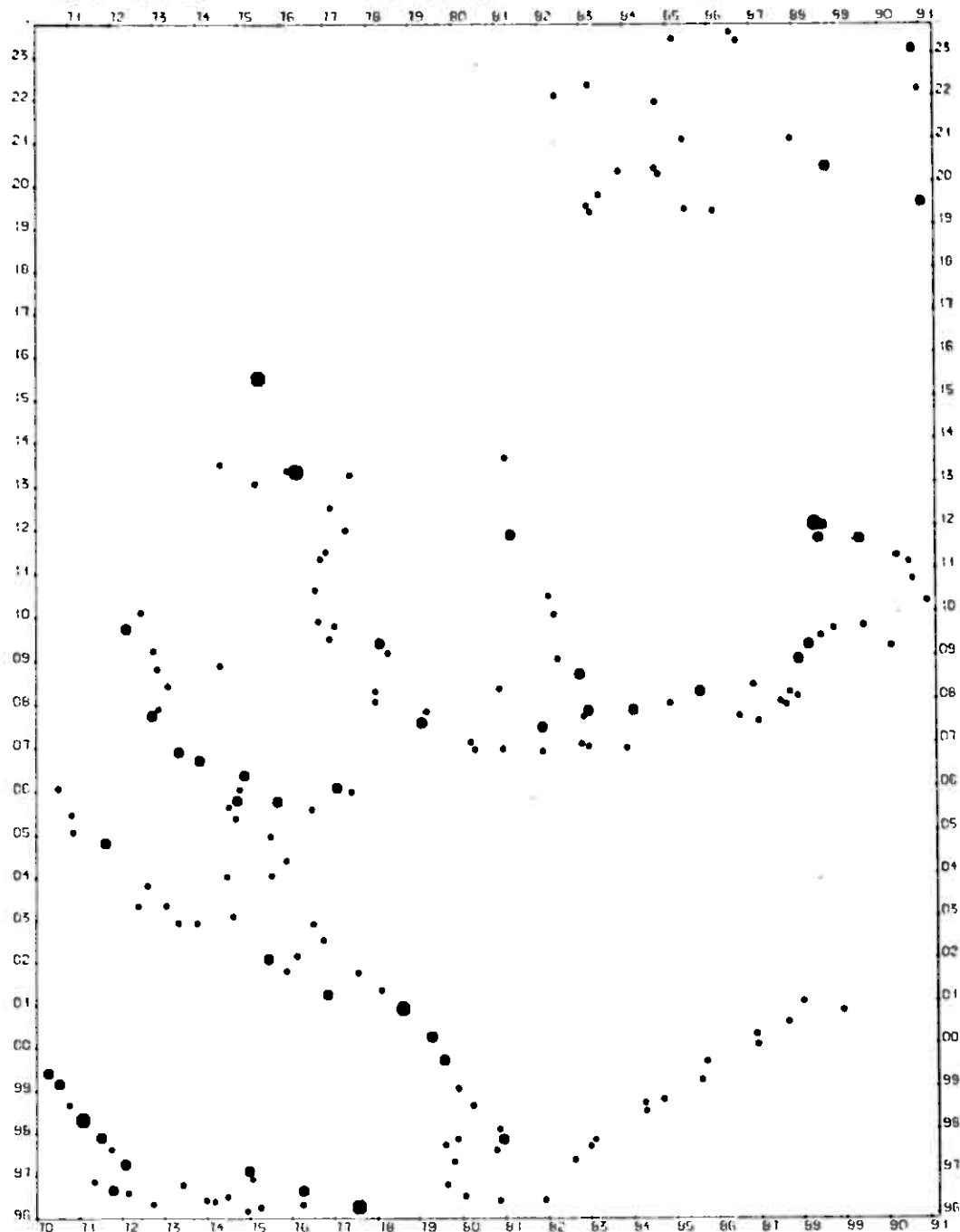
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTSLAD FLATDAL 1614111

VED. JAN 20, 1982

HNO₃ LOSELIG N

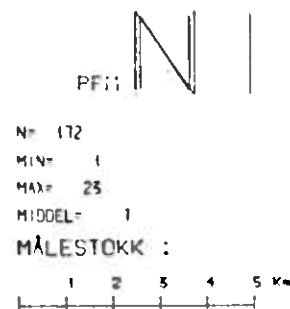
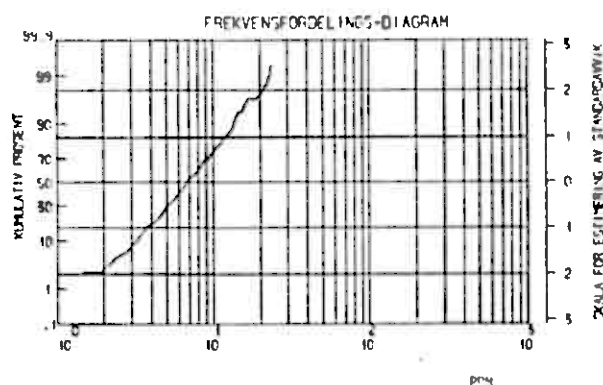
MÅLESTOKK :



SYMBOL :



ØVRE GRENSE : 10 18 32 56 100 180 320 560 1000 1800 > 1900



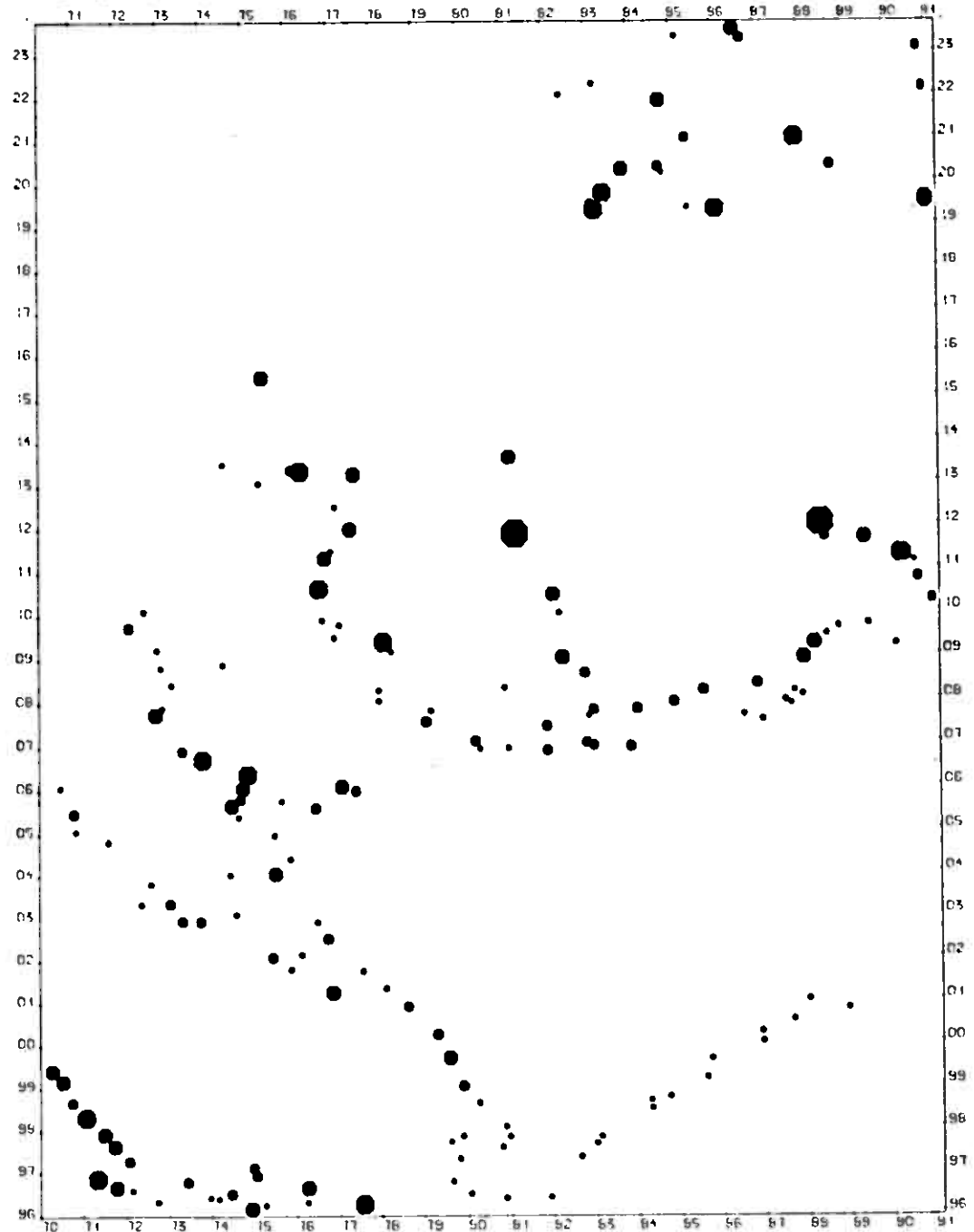
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

VED. JAN 20, 1982

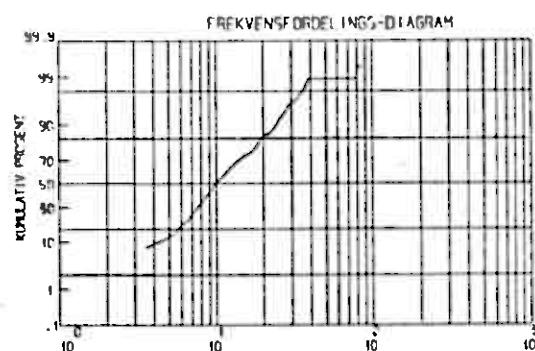
WMS LOSELIG CO

MÅLESTOKK :



SYMBOL :

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



SKALA FOR ESTIMERING AV STANDARDVARIASJON

N= 172

MIN= 1

MAX= 85

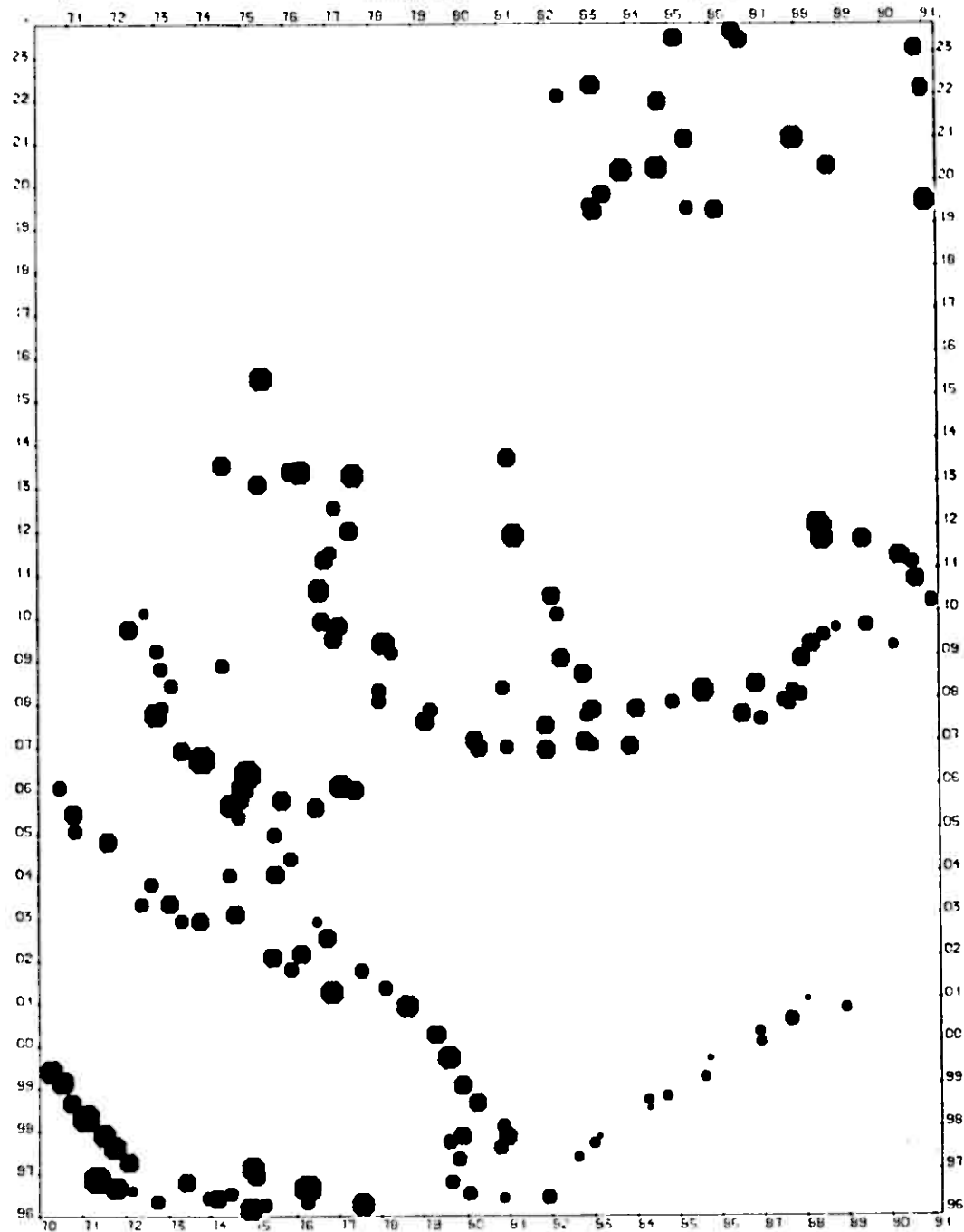
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MÅLESTOKK :



NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT
VED, JAN 20, 1992 HNS3 LOSLIG V

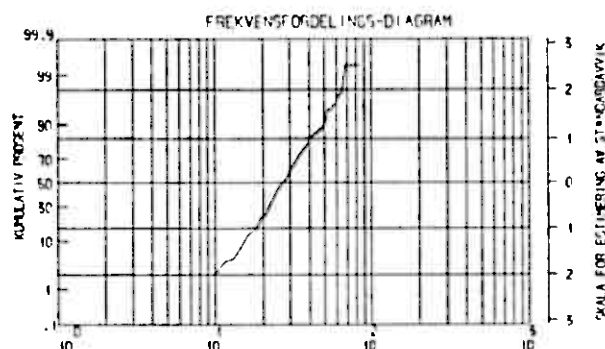
KARTBLAD FLATDAL 1614111
MÅLESTOKK :



SYMBOL :



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



PP11

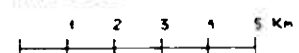
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MIN= 6

MAX= 84

MIDDEL= 29

MÅLESTOKK :



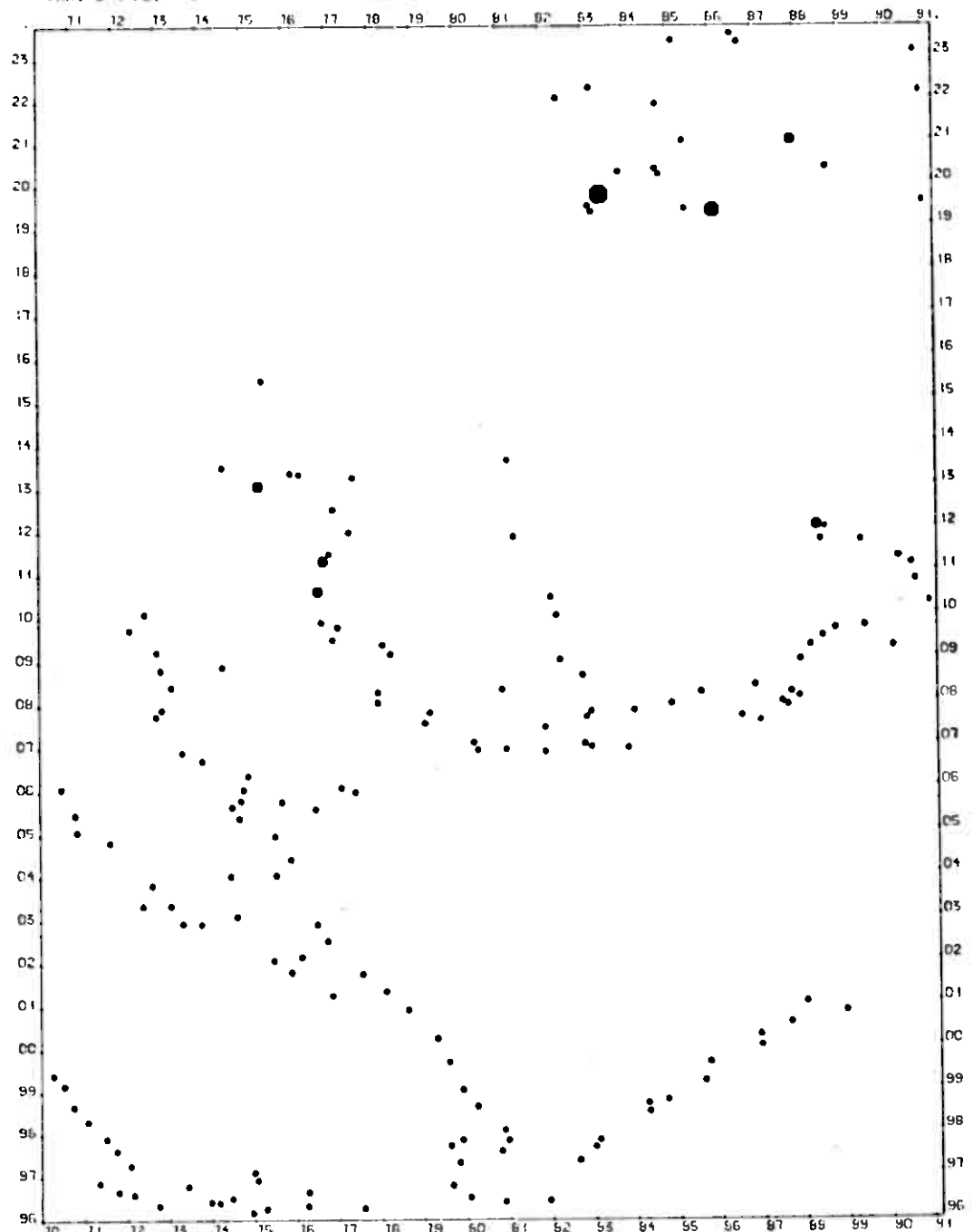
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

VED. JAN 20. 1982

HNØS LØSELIG MO

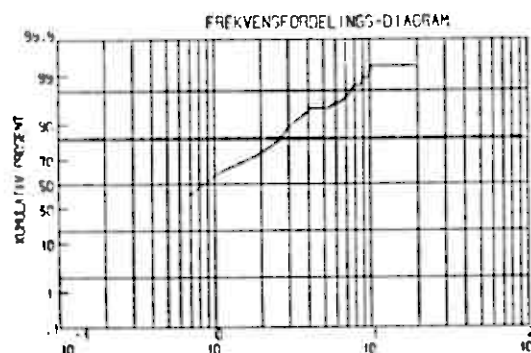
MÅLESTOKK :



SYMBOL :



ØVRE GRENSE : 6 10 16 25 39 63 100 160 250 630 > 630



DATA FOR ESTIMATING BY 21-DEC-1981

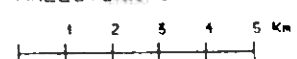
N= 172

MIN= .3

MAX= 19

MIDDEL= 1

MÅLESTOKK :



PPM MO

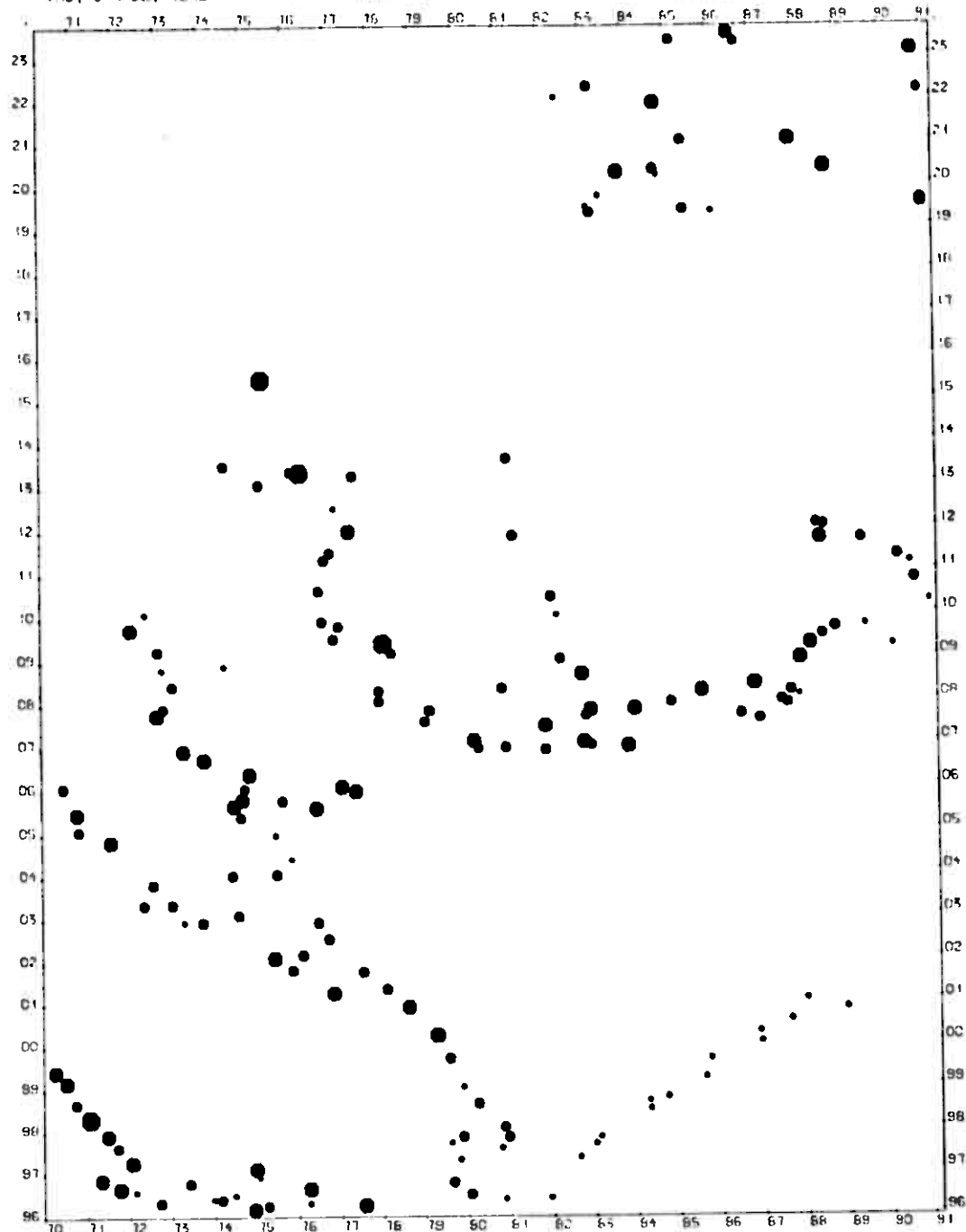
NORGES GEOLOGISKE UNDERSØKELSE REKKESEDIMENT

KARTBLAD FLATDAL 1614111

THU, JAN 26, 1982

WINDS LOSELIG CR

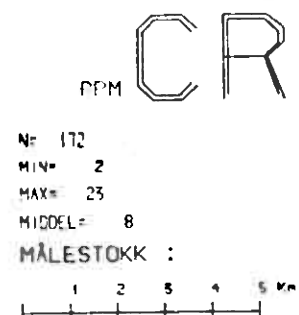
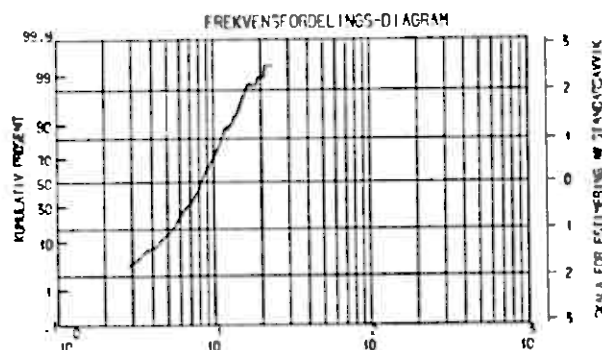
MÅLESTOKK :



SYMBOL :



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



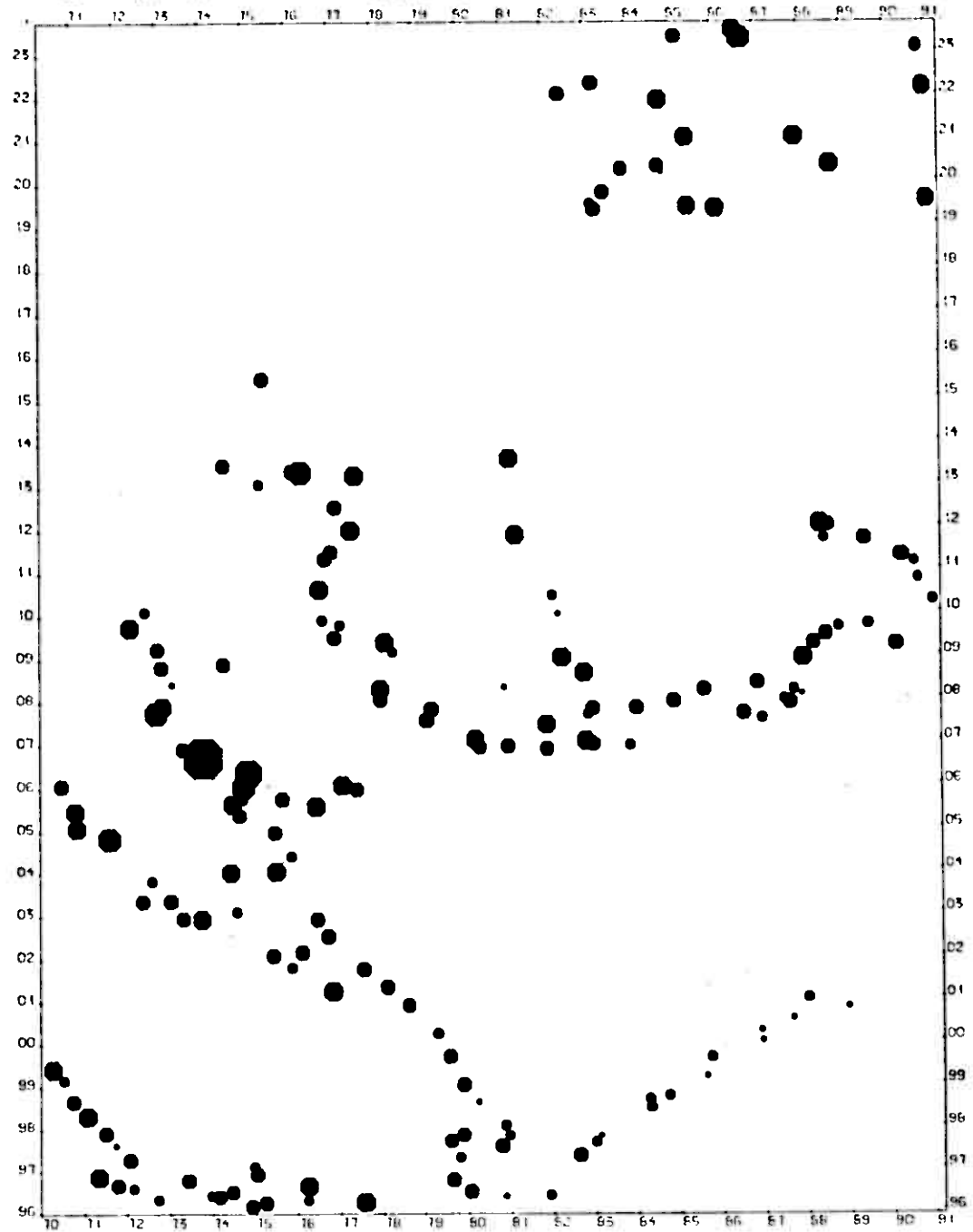
NORGES GEOLOGISKE UNDERSØKELSE. BEKKESEDIMENT

KARTSLAD FLATDAL 1014111

TID: JAN 26, 1987

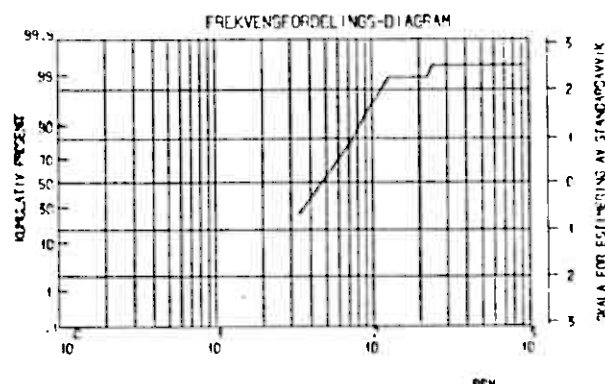
PROS. LØSFLUG BA

MÅLESTOKK



SYMBOL .

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



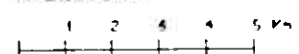
N= 172

MIN= 14

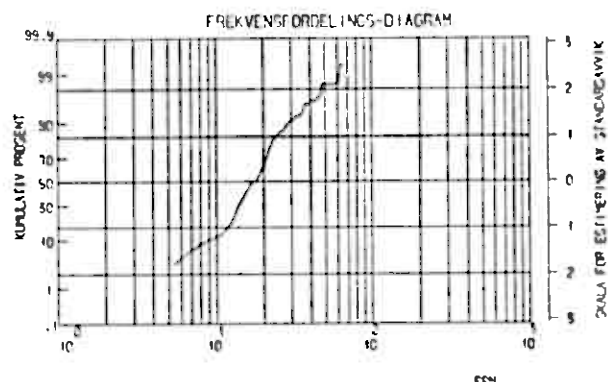
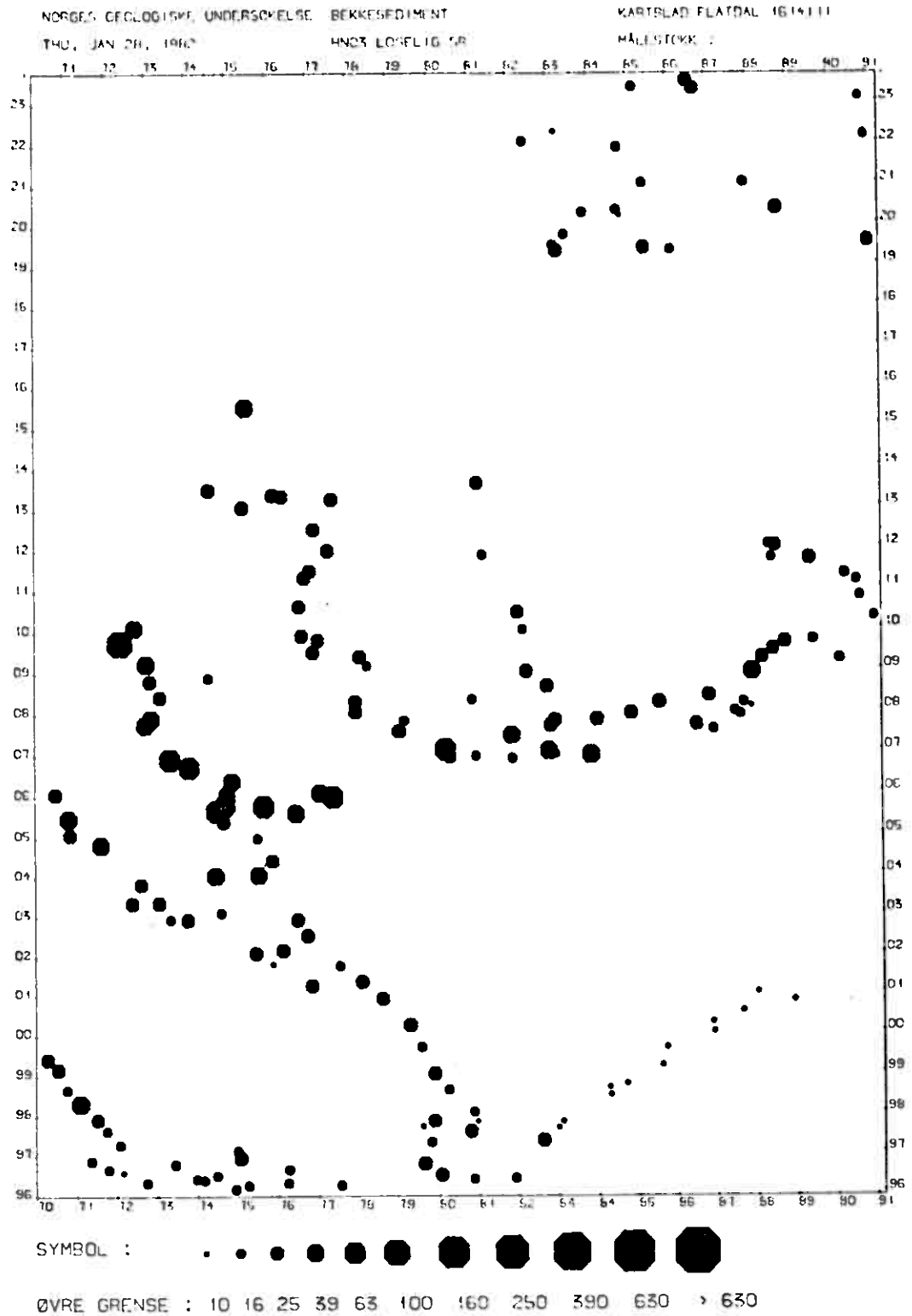
MAX= 915

MIDDEL= 57

MÅLESTOKK



BA



SR

N= 172
MIN= 4
MAX= 67
MIDDEL= 19
MÅLESTOKK :
1 2 3 4 5 km

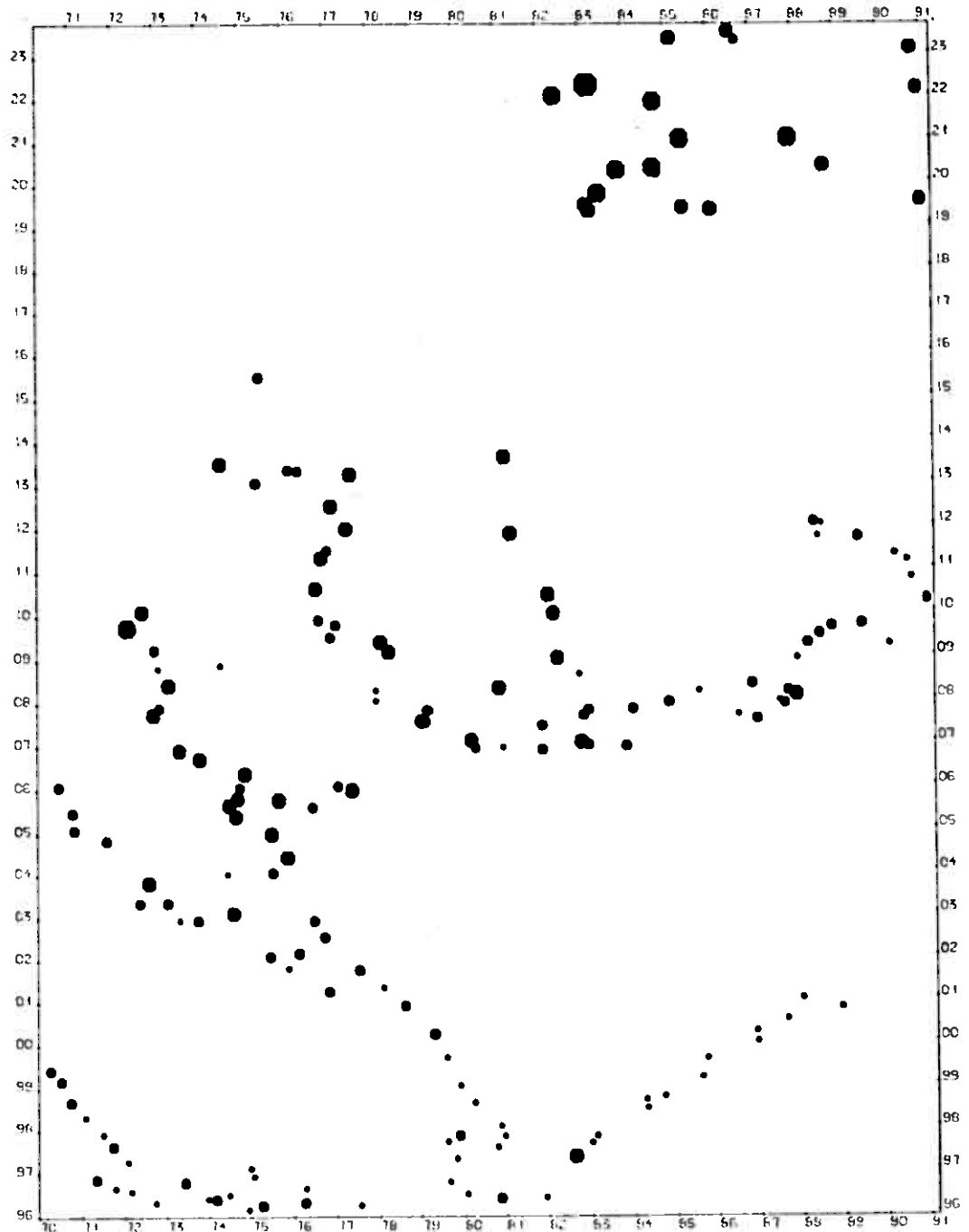
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

THU, JAN 28, 1982

HNO₃ LOSELIG ZR

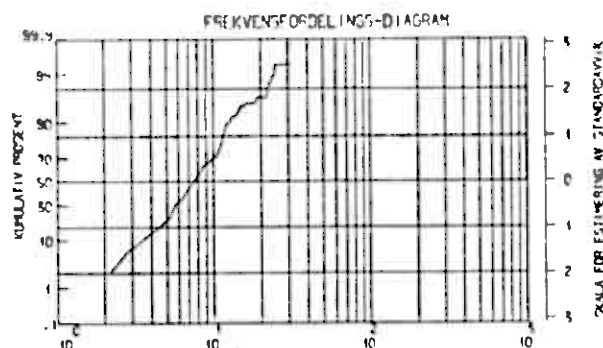
MÅLESTOKK :



SYMBOL :



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



FORM **ZR**

N= 172
 MIN= 1
 MAX= 50
 MIDDEL= 6
 MÅLESTOKK :
 1 2 3 4 5 Km

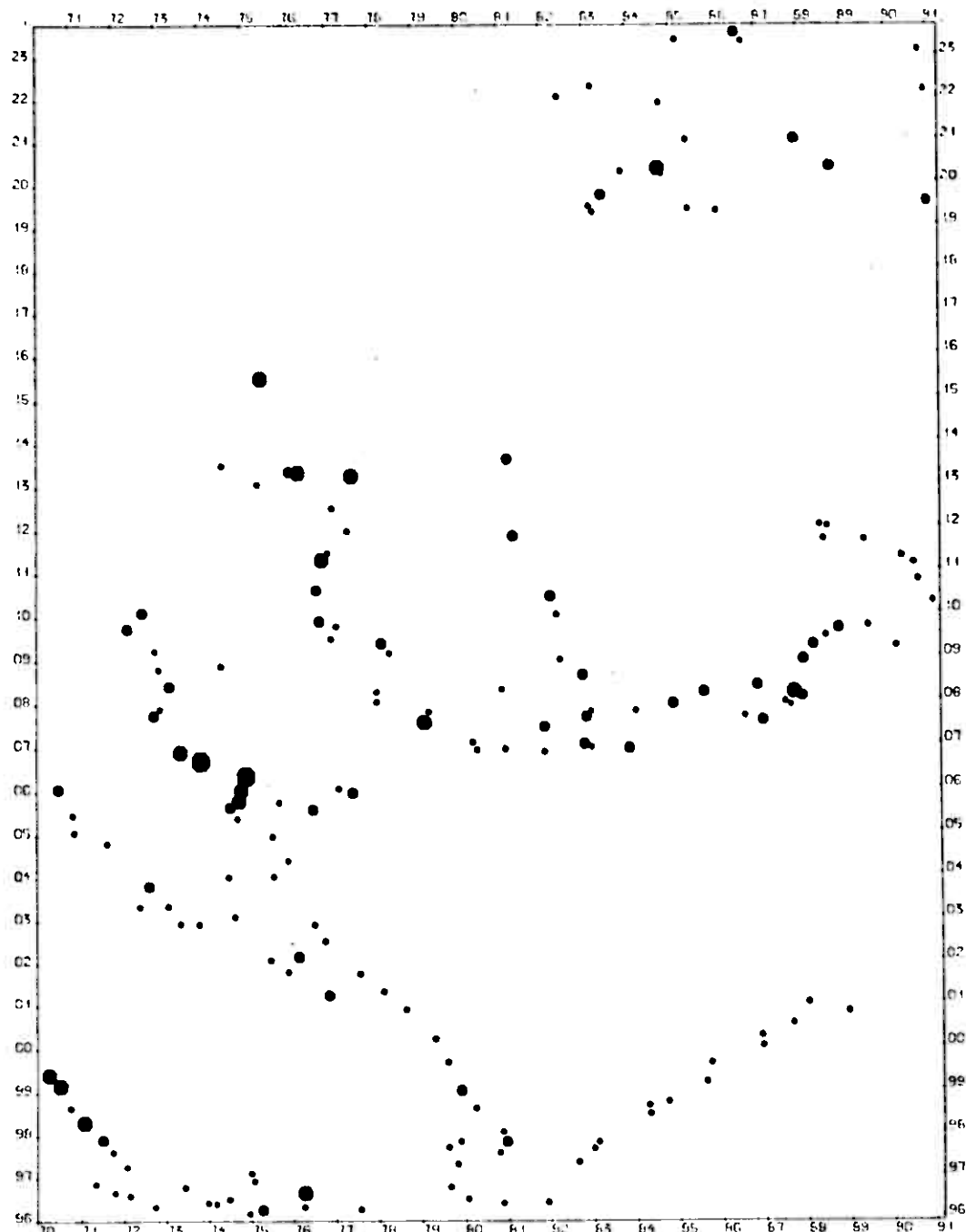
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

THU, JAN 26, 1967

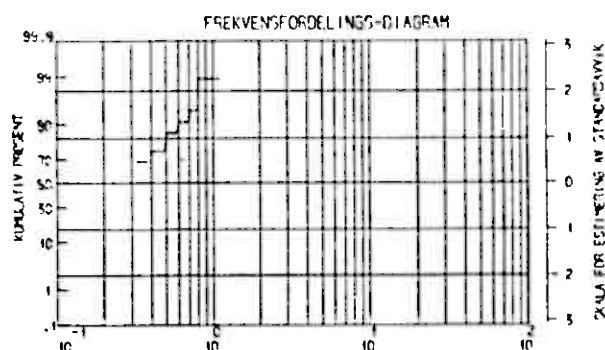
HVØS LOSELIG AG

MÅLESTOKK :



SYMBOL :

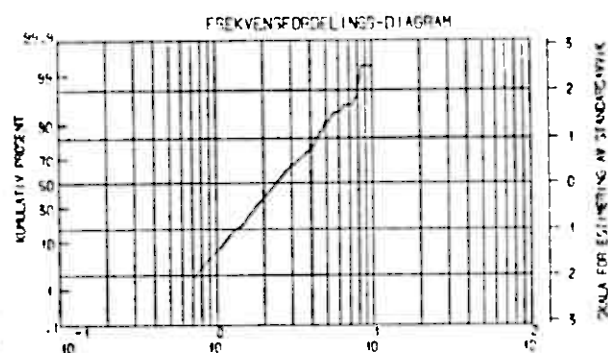
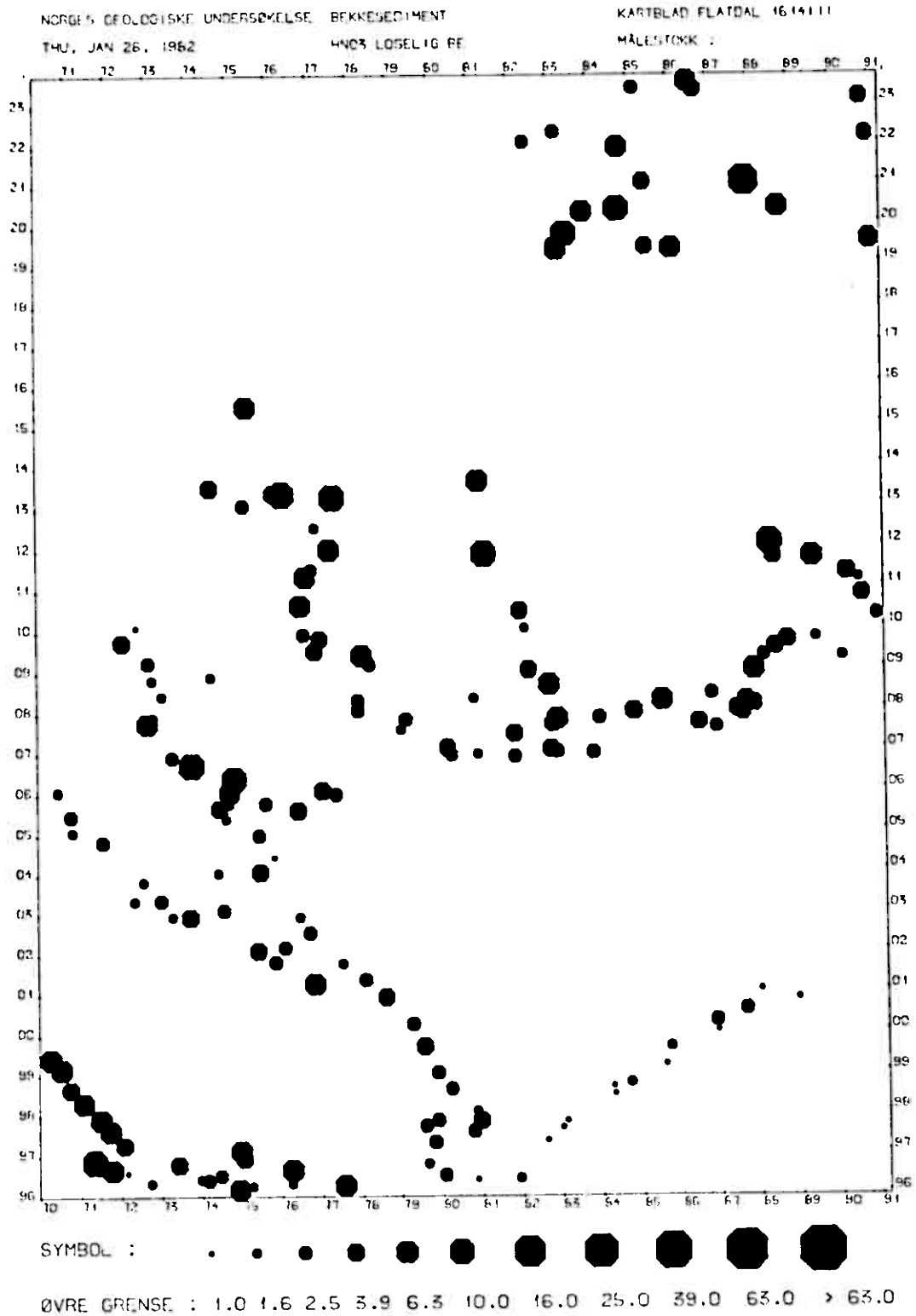
ØVRE GRENSE : .39 .63 1.00 1.60 2.50 3.90 6.30 10.00 16.00 25.00 > 25.00



PPM AG

N= 172
 MIN= .3
 MAX= 1.1
 MIDDEL= .4
 MÅLESTOKK :

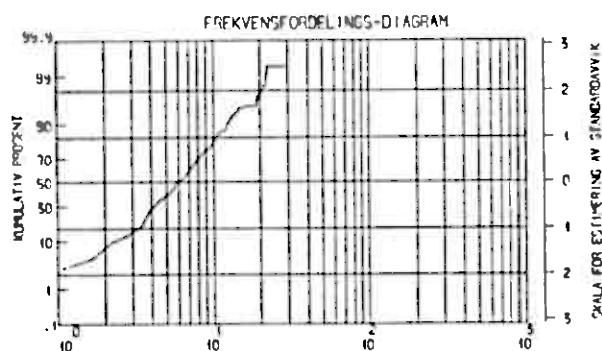
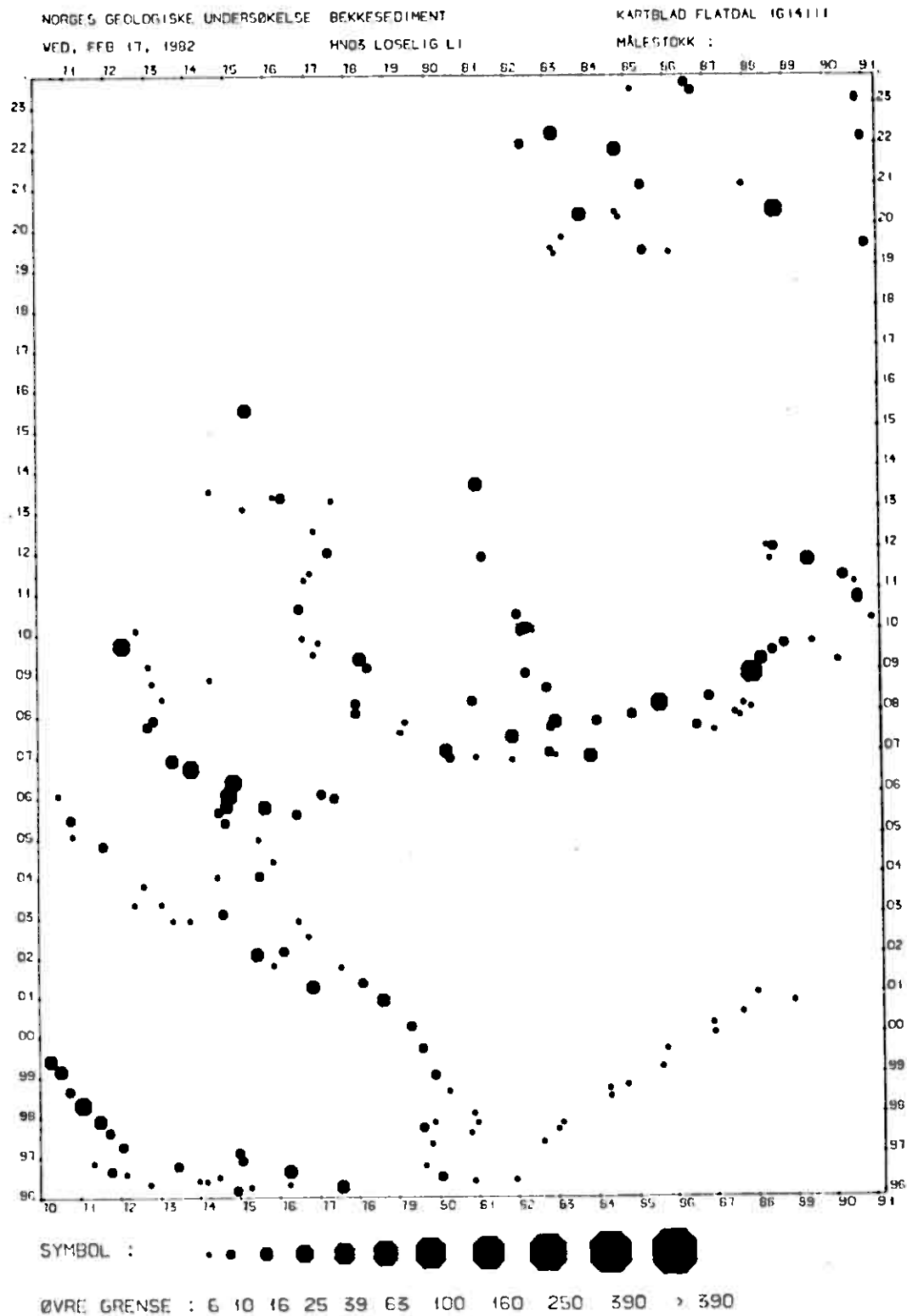
1 2 3 4 5 km



PEM BE

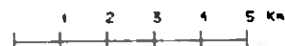
N= 172
 MIN= .5
 MAX= 10.2
 MIDDEL= 2.4
 MÅLSTOKK :

1 2 3 4 5 Km



PE-1

N= 172
MIN= .5
MAX= 29
MIDDEL= 7
MÅLESTOKK :



Kartbilag: 1853 B/22

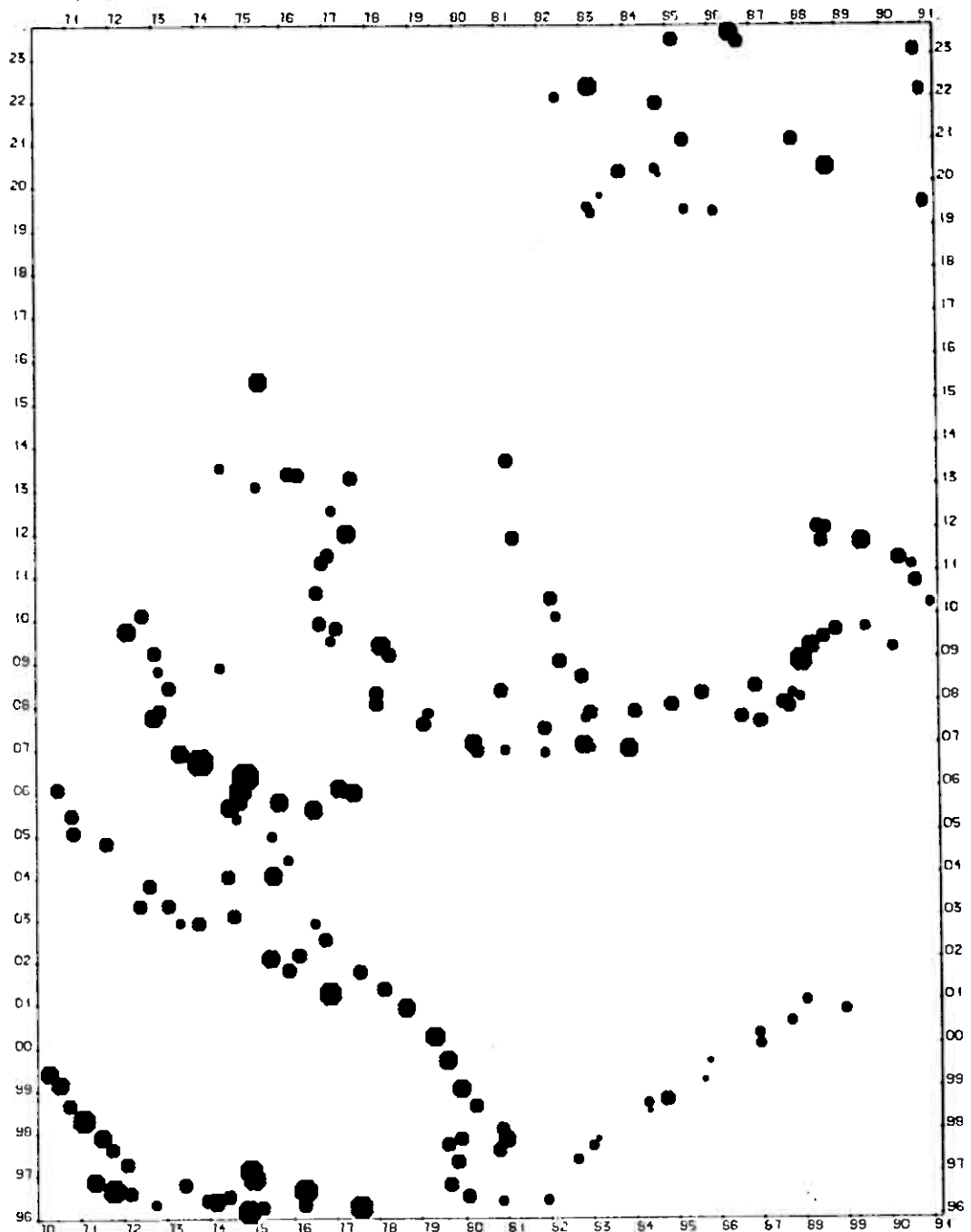
NORGES GEOLOGISKE UNDERSØKELSE BEKKESEDIMENT

KARTBLAD FLATDAL 1614111

VED, FEB 17, 1982

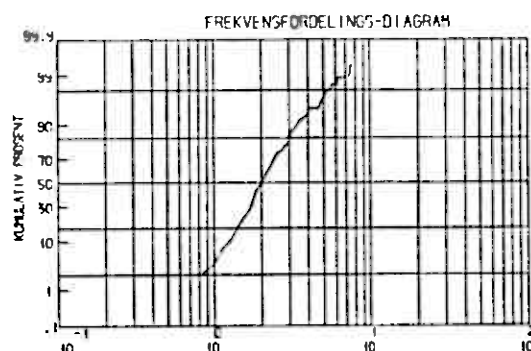
HNO₃ LOSELIG SC

MÅLESTOKK :



SYMBOL :

ØVRE GRENSE : 1.0 1.6 2.5 3.9 6.3 10.0 16.0 25.0 39.0 63.0 > 63.0



MIKROANALYS AV GJENNOMSNITT AV VÅR

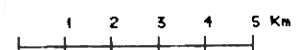
N= 172

MIN= .7

MAX= 7.8

MIDDEL= 2.3

MÅLESTOKK :



SC

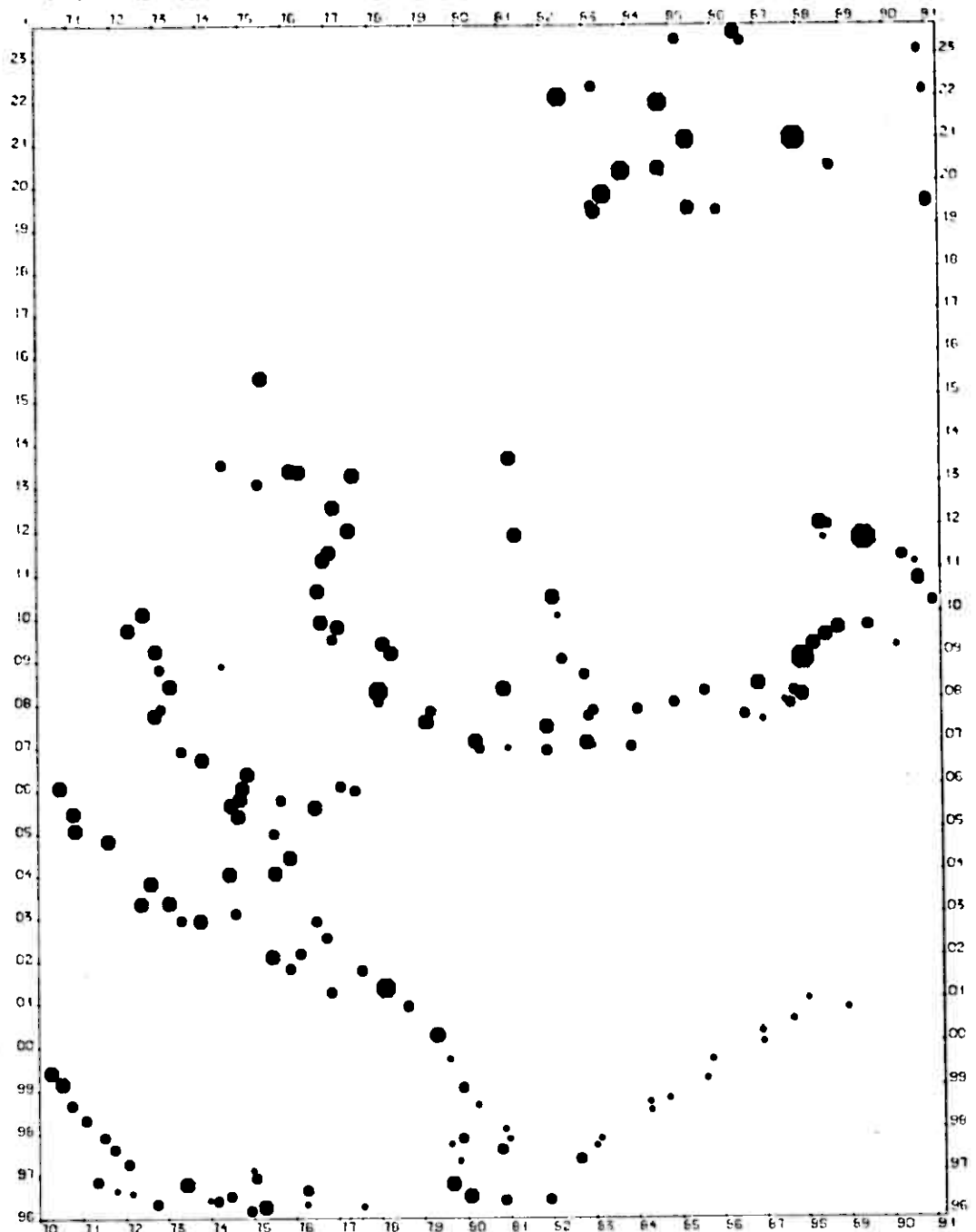
NORGES GEOLOGISKE UNDERSØKELSE REKKESEDIMENT

KARTBLAD FLATDAL 1614111

THU. JAN 26. 1982

HYDROLOGISKE

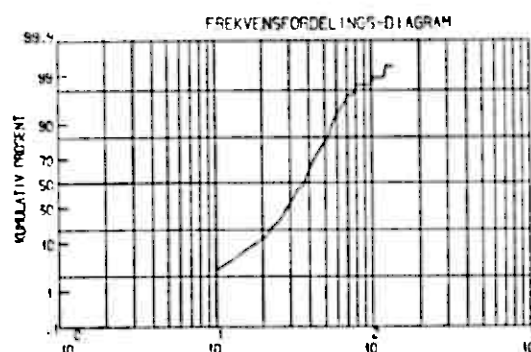
MÅLESTOKK :



SYMBOL :



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



DATA FOR ESTIMATING STANDARD DEVIATION

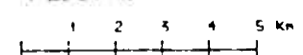
N= 172

MIN= 7

MAX= 140

MIDDEL= 56

MÅLESTOKK :



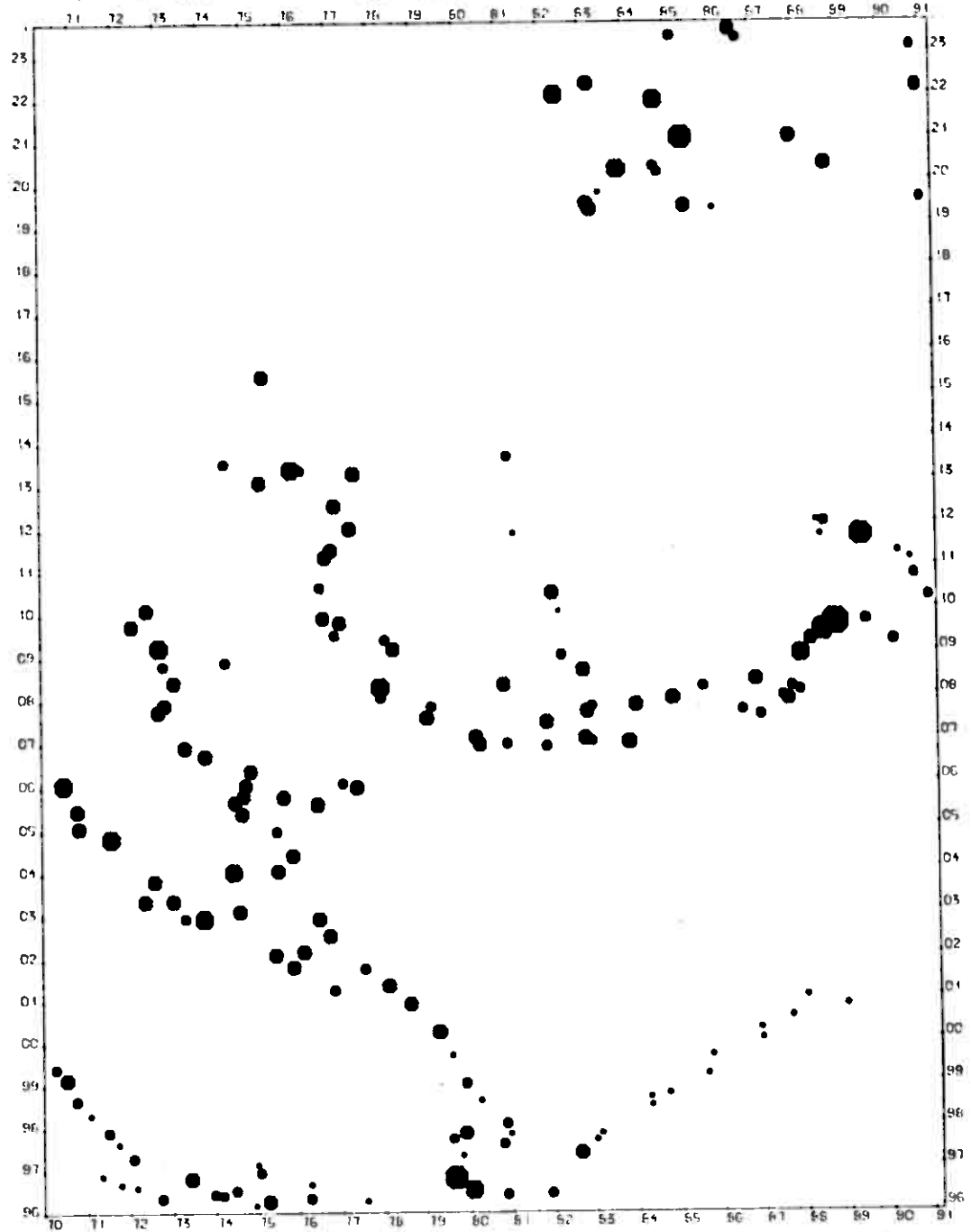
NORGES GEOLOGISKE UNDERSØKELSE BEKKEREDIMENT

KARTBLAD FLATDAL 1614111

TRU, JAN 26, 1982

HNOS LOSEL 16 LA

MÅLESTOKK :



SYMBOL :



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

