

UNDERSØKELSE AV STATENS  
BERGRETTIGHETER

NGU-rapport nr. 1650/308

Geokjemisk bekkesedimentundersøkelse i  
Beiarn-Saltdalregionen

Skjerstad, Fauske og Saltdal kommuner  
Nordland fylke

1982



# Norges geologiske undersøkelse

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|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                 |                                                                                     |        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|-------------------------------------------------------------------------------------|--------|
| Rapport nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1650/308        | Apen/Forfatter                                                                      | XXXXXX |
| Tittel:<br><br>Geokjemisk bekkesedimentundersøkelse i Beiarn-Saltdal-regionen                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                                     |        |
| Oppdragsgiver:<br>Undersøkelse av statens bergrettigheter                                                                                                                                                                                                                                                                                                                                                                                                                         |                 | Forfatter:<br><br>Reidar Krog                                                       |        |
| Forekomstens navn og koordinater:<br>Skjerstad, Straumen og Junkerdalen                                                                                                                                                                                                                                                                                                                                                                                                           |                 | Kommune:<br>Skjerstad, Fauske og Saltdal                                            |        |
| Fylke:<br>Nordland                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 | Kartbladnr. og -navn (1:50000):<br>2029 II, 2129 I, 2129 IV,<br>2128 I, II, III, IV |        |
| Utført:<br>Prøvetaking: 1978<br>Analysering: 1979<br>Rapportering: 1982                                                                                                                                                                                                                                                                                                                                                                                                           |                 | Sidetall: 14<br>Tekstbilag:<br>Kartbilag: 21                                        |        |
| Prosjektnummer og -navn:<br><br>1650 Undersøkelse av statens bergrettigheter                                                                                                                                                                                                                                                                                                                                                                                                      |                 |                                                                                     |        |
| Prosjektleder: Ingvar Lindahl                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                 |                                                                                     |        |
| Sammendrag:<br><br>I forbindelse med letingen etter Mo, W og U-mineraliseringer i Beiarn-Saltdalregionen ble det sommeren 1978 utført en geokjemisk bekkesedimentundersøkelse i tre adskilte områder ved henholdsvis Skjerstad i Skjerstad kommune, Straumen i Fauske kommune og Junkerdalen i Saltdal kommune. Det framkom urananomalier fire steder: Ved Kletkovfjellet, Siso-tind, Middagskollen og Junkerdalen. I Junkerdalen framkom det også høye Mo, Zn, Pb og Cu-verdier. |                 |                                                                                     |        |
| Nokkelord                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Geokjemi        | Mo, U, Cu, Ni, Zn og Pb                                                             |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bekkesedimenter |                                                                                     |        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Malm            |                                                                                     |        |

Ved referanse til rapporten oppgis forfatter, tittel og rapportnr.

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BILAG

1. Analyse av bekkesedimentprøver

TEGNINGER

|              |                                |   |
|--------------|--------------------------------|---|
| 1650/30B-01: | Prøvenummer, Skjerstandområdet |   |
| 02:          | Kobber                         | " |
| 03:          | Nikkel                         | " |
| 04:          | Sink                           | " |
| 05:          | Bly                            | " |
| 06:          | Uran                           | " |
| 07:          | Molybden                       | " |
| 08:          | Prøvenummer, Straumenområdet   |   |
| 09:          | Kobber                         | " |
| 10:          | Nikkel                         | " |
| 11:          | Sink                           | " |
| 12:          | Bly                            | " |
| 13:          | Uran                           | " |
| 14:          | Molybden                       | " |
| 15:          | Prøvenummer, Junkerdalen       |   |
| 16:          | Kobber                         | " |
| 17:          | Nikkel                         | " |
| 18:          | Sink                           | " |
| 19:          | Bly                            | " |
| 20:          | Uran                           | " |
| 21:          | Molybden                       | " |

## 1. INNLEDNING

I forbindelse med letingen etter Mo-W-U-mineraliseringer på kontakten mellom grunnfjell og overliggende senprekambriske sedimenter, ble det i 1978 utført en geokjemisk bekkesedimentundersøkelse i Beiarn-Saltdalregionen. Undersøkelsen foregikk i tre geografisk adskilte områder ved henholdsvis Skjerstad i Skjerstad kommune, Straumen i Fauske kommune og Junkerdalen i Saltdal kommune.

## 2. OMRÅDEGRENSER

Området ved Skjerstad ligger innenfor kartblad 2029 II og har i grove trekk følgende yttergrenser, tegning 1: Fra Skjerstad i nord, sydvestover langs fjorden til Haukåsen, øtover over Kletkovfjellet til Svartvatnet og Husvatnet, nordover til Breivik, langs Skjerstadfjorden nordvestover tilbake til Skjerstad.

Området ved Straumen ligger innenfor kartbladene 2129 I og IV og har følgende yttergrenser, tegning 8: Fra Straumen i vest, sydøstover langs Straumvatnet til Fagerbakfjellet, nordøstover forbi Sisotind til Foss, nordøstover Andkilvatnet til Andkilen, sørvestover til Hellandsmyra og langs Straumsbukta tilbake til Straumen.

Området i Junkerdalen ligger innenfor kartbladene 2128 I, II, III og IV, og har yttergrensene, tegning 15: Fra Solvågfjellet i vest, sydover til Tuva, sydøstover Tjørnfjellet til Flatviskis, videre til Litlfjell, Rundhaugen og riksgrensa, nordover langs riksgrensa til Stor-Graddis, nordvestover til Skaiti og Båtfjellet, vestover tilbake til Solvågfjellet.

### 3. FELTDATA

Feltarbeidet ble utført i tidsrommet 19.juli til 19.august 1978. Roger Andresen, Bjørn Bakken, Jørn-Erik Lillevold og Anders Often var engasjert som prøvetakere og arbeidet ble ledet av Reidar Krog. Ialt ble det ved prøvetakingen brukt ca. 80 dagsverk til innsamling av 601 sedimentprøver. De tre delområdene hadde tilsammen et flateinnhold på ca. 250 km<sup>2</sup>. Sedimentprøver ble innsamlet fra alle tilgjengelige bekker og elver i området. De største elvene slik som Junkerdalselva, Graddiselva, Skæremjåkka, Skierdijåkka og Cåresjåkka ble imidlertid sløyfet. Avstanden mellom prøvestedene var 250 m. Ved hvert prøvested ble det tatt en prøve midt i bekken. Ved store bekker hvor det var vanskelig å få tak i midtprøve, ble prøven tatt minst en meter fra bredden. På stedet ble prøven våtsiktet gjennom nylonduk med lysåpning 180 mikron (0.18 mm). Bare finfraksjonen ble tatt vare på. Prøven ble oppbevart i papirposer som senere ble plassert i tørkeovn og tørket ved ca. 50°C.

### 4. ANALYSEMETODER

Prøvene ble oppsluttet og analysert ved NGU. Ett gram av prøven ble veid inn i reagensglass og behandlet med 5 ml salpetersyre 7N i 3 timer ved ca. 110°C. Etter tilsats av referanseelementene Y og Li, og fortynning til 100 ml, ble 20 elementer bestemt med plasm-spektrometer. Det var elementene: Si, Al, Fe, Ti, Mg, Ca, Na, K, Mn, Cu, Zn, Pb, Ni, Co, V, Mo, Cd, Cr, Ba og Sr. Reproduserbarheten av analysene regnes å være omlag ±15 % ved 95% konfidensnivå. Uran ble bestemt fluorimetrisk etter oppslutting av 0,25 g prøve i 5 ml varm 4N salpetersyre i 2 timer.

## 5. FRAMSTILLING AV RESULTATER

Ved bekkesedimentundersøkelsen i 1978 ble geografiske kart i målestokk 1:50.000 brukt ved arbeidet i felten, og de samme kartene ble nyttet som grunnlag ved opptegning av resultatene. På kartene er sporelementinnholdet i prøven angitt i ppm (1 ppm = 0.0001%). For å lette oversikten er symbol plassert ved siden av analyseverdiene. Størrelsen på symbolet angir størrelsen av analyseverdien. På hvert kart er også et diagram som viser den kumulative frekvensfordeling av vedkommende element. Diagrammet har langs den ene aksen antall prøver i % og langs den andre analyseverdier. En prosentavlesning med motsvarende analyseverdi angir hvor mange prosent av prøvene som har lavere metallinnhold enn denne analyseverdien.

## 6. RESULTATER, SKJERSTADOMRÅDET

### 6.1 Kobber (tegning 2)

Sedimentprøvene har verdier mellom 1 og 56 ppm Cu og medianverdi på ca. 15 ppm Cu. Ingen markerte anomalier opptrer.

### 6.2 Nikkel (tegning 3)

Sedimentprøvene har verdier mellom 1 og 40 ppm Ni og medianverdi på ca. 14 ppm Ni. Ingen markerte anomalier opptrer.

### 6.3 Sink (tegning 4)

De fleste prøvene har verdier mellom 1 og 176 ppm Zn. Medianverdien er på ca. 60 ppm Zn. Ingen markerte anomalier opptrer.

### 6.4 Bly (tegning 5)

Sedimentprøvene har verdier mellom 1 og 47 ppm Pb og medianverdi på ca. 10 ppm Pb. Ingen markerte anomalier opptrer.

### 6.5 Uran (tegning 6)

De fleste prøvene har verdier mellom 0.1 og 4.0 ppm U. Medianverdien er på ca. 1.0 ppm U. Tre prøver har verdier som overstiger 4.0 ppm U og den ene når opp i 20 ppm U. Alle tre prøvene opptrer på nordsida av Kletkovfjellet, langs grensa mot et granittområde.

### 6.6 Molybden (tegning 7)

Sedimentprøvene har verdier mellom 4 og 24 ppm Mo og en medianverdi på ca. 10 ppm Mo. Ingen markerte anomalier opptrer.

### 6.7 Øvrige elementer

De ovenfor nevnte elementene er tegnet på kart som er vedlagt rapporten. Blant de øvrige elementene er det ikke funnet anomale analyseverdier av betydning, og de er ikke framstilt på kart.

## 7. RESULTATER, STRAUMENOMRÅDET

### 7.1 Kobber (tegning 9)

Sedimentprøvene har verdier fra ca. 1 ppm Cu og opp til 88 ppm Cu. Medianverdien er på ca. 20 ppm Cu. Ingen markerte anomalier opptrer.

### 7.2 Nikkel (tegning 10)

Sedimentprøvene har verdier fra ca. 1 ppm Ni og opp til 59 ppm Ni. Medianverdien er på ca. 7 ppm Ni. Ingen markerte anomalier opptrer.

### 7.3 Sink (tegning 11)

Sedimentprøvene har verdier fra ca. 1 ppm Zn og opp til 110 ppm Zn. Medianverdien er på ca. 25 ppm Zn. Ingen markerte anomalier opptrer.

### 7.4 Bly (tegning 12)

Sedimentprøvene har verdier fra ca. 1 ppm Pb og opp til 62 ppm Pb. Medianverdien er på ca. 8 ppm Pb. Ingen markerte anomalier opptrer.

#### 7.5 Uran (tegning 13)

Sedimentprøvene har verdier mellom 0.3 og 19 ppm U. Medianverdien er på ca. 1.5 ppm U. To områder skiller seg ut med et noe høyere uraninnhold. Det ene området ligger på vestsida av Siso-tind og har en prøve med 19 ppm U. Det andre området ligger mellom Middagskollen og Straumklompen. Den høyeste verdien i dette området er på 12 ppm U.

#### 7.6 Molybden (tegning 14)

Sedimentprøvene har verdier mellom 7 og 25 ppm Mo og medianverdi på ca. 11 ppm Mo. Ingen markerte anomalier opptrer.

#### 7.7. Øvrige elementer

De ovenfor nevnte elementene er tegnet på kart somer vedlagt rapporten. Blant de øvrige elementene er det ikke funnet anomale analyseverdier av betydning, og de er ikke framstilt på kart.

## 8. RESULTATER, JUNKERDALEN

### 8.1 Kobber (tegning 16)

Sedimentprøvene har verdier mellom 1 og 183 ppm Cu og medianverdi på ca. 40 ppm Cu. Den høyeste verdien på 183 ppm Cu opptrer i området ved Solvågtind i NV hvor det er flere verdier på godt over 100 ppm Cu. Ved Graddiselve i SØ er det også et noe forhøyet kobbernivå med verdier rundt 140 ppm Cu.

### 8.2 Nikkel (tegning 17)

Sedimentprøvene har verdier mellom 2 og 130 ppm Ni, og medianverdi på ca. 20 ppm Ni. Nikkel opptrer svært likt kobber i dette området. De høyeste nikkelverdiene er på ca. 120 ppm Ni og opptrer også ved Solvågtind i NV og ved Graddiselve i SØ.

### 8.3 Sink (tegning 18)

Sedimentprøvene har verdier mellom 11 og 436 ppm Zn og medianverdi på ca. 70 ppm Zn. Det er et forholdsvis høyt sinknivå flere steder i området. De høyeste verdiene, på rundt 400 ppm Zn opptrer ved Tjørnfjellet i NV og ved Graddiselve i SØ.

### 8.4 Bly (tegning 19)

Sedimentprøvene har verdier fra ca. 1 ppm Pb og opp til 321 ppm Pb. Medianverdien er på ca. 8 ppm Pb. På nordsida av Tjørnfjellet opptrer en kraftig blyanomali med to verdier rundt 300 ppm Pb og flere mellom 100 og 200 ppm Pb.

#### 8.5 Uran (tegning 20)

Sedimentprøvene har verdier mellom 0.2 og 136 ppm U og medianverdi på ca. 1 ppm U. Hele sydsida av Junkerdalen er sterkt anomal. Den høyeste uranverdien opptrer nær toppen av Tjørnfjellet, og er på 136 ppm U. Ved Graddiselva helt i den andre enden av dalen er det en prøve med 125 ppm U. Forøvrig er det langs denne dalsida mange prøver med nesten like høye uranverdier.

#### 8.6 Molybden (tegning 21)

sedimentprøvene har verdier mellom 7 og 112 ppm Mo og medianverdi på ca. 14 ppm Mo. To sterkt anomale områder opptrer ved henholdsvis Tjørnfjellet i NV og Graddiselva i SØ. De høyeste verdiene er 112 ppm Mo ved Tjørnfjellet og 74 ppm Mo ved Graddiselva.

#### 8.7 Øvrige elementer

De ovenfor nevnte elementene er tegnet på kart som er vedlagt rapporten. Blant de øvrige elementene er det ikke funnet anomale analyseverdier av betydning, og de er ikke framstilt på kart.

## 9. KONKLUSJON

Bekkesedimentundersøkelsen i Beiarn-Saltdalregionen førte til funn av fire områder med forhøyet uraninnhold: Ett område ved Skjerstad på nordsida av Kletkovfjellet, to områder ved Straumen, henholdsvis ved Sisotind og ved Middagskollen, og ett område på sydsida av Junkerdalen. Det siste området utgjør den klart største urananomalien både i styrke og utbredelse, og den strekker seg langs hele sydsida av Junkerdalen. Innen dette området opptrer også enkelte steder sterkt anomale verdier av molybden, sink, bly og delvis kobber.

Forholdsvis høyt kobbernivå opptrer dessuten på nordsida av Junkerdalen ved Solvågtind.

De nevnte anomaliene bør alle undersøkes nærmere. Når det gjelder Kletkovfjellet, Sisotind, Middagskollen og sydsida av Junkerdalen, er en nærmere undersøkelse utført (Ofte 1982).

Norges geologiske undersøkelse,  
03.05.1982

*Reidar Krog*  
Reidar Krog

## 10. LITTERATUR

J. Hysingjord, 1977: Befaring av arsenkisforekomster nær Skjerstad.

NGU-rapport nr. 1575/29A, 7 sider + bilag.

M. Often, 1982: Orienterende undersøkelser og diamantboring av grensesonen Prekambrium/Kaledon i Saltdal-Sørfold-regionen.

NGU-rapport nr. 1650/30A, 26s + bilag og ca. 30 litteraturhenvisninger.

Bilag 1  
SIDE 1

# Bilag 1.

ANALYSE-RAPPORT.

DATO: 1/2-79

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: <sup>155/78</sup> ~~155/78~~

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 01       | 02       | 03       | 04       | 05        | 06        | 07        | 08        | 09        | 10        |
|----|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .04 %    | .04 %    | .04 %    | .04 %    | .05 %     | .05 %     | .05 %     | .04 %     | .04 %     | .04 %     |
| AL | .74 %    | .46 %    | .48 %    | 1.13 %   | 1.53 %    | 1.30 %    | 1.55 %    | 2.49 %    | 1.46 %    | 2.45 %    |
| FE | 1.46 %   | .94 %    | 1.06 %   | 2.03 %   | 2.72 %    | 2.09 %    | 2.45 %    | 3.28 %    | 3.02 %    | 3.10 %    |
| TI | .08 %    | .05 %    | .05 %    | .14 %    | .19 %     | .14 %     | .18 %     | .26 %     | .21 %     | .24 %     |
| MG | .41 %    | .27 %    | .27 %    | .90 %    | 1.15 %    | .86 %     | 1.30 %    | 2.39 %    | 1.17 %    | 2.31 %    |
| CA | .54 %    | .68 %    | .68 %    | .81 %    | .72 %     | .68 %     | .93 %     | 1.10 %    | .68 %     | 1.04 %    |
| NA | .04 %    | .03 %    | .03 %    | .02 %    | .04 %     | .02 %     | .04 %     | .03 %     | .03 %     | .03 %     |
| K  | .18 %    | .13 %    | .13 %    | .13 %    | .19 %     | .14 %     | .12 %     | .28 %     | .17 %     | .29 %     |
| MN | .03 %    | .02 %    | .03 %    | .05 %    | .10 %     | .12 %     | .10 %     | .10 %     | .09 %     | .08 %     |
| CU | 21.4 PPM | 15.0 PPM | 20.7 PPM | 19.6 PPM | 34.4 PPM  | 30.9 PPM  | 33.8 PPM  | 48.3 PPM  | 24.9 PPM  | 51.9 PPM  |
| ZN | 41.1 PPM | 25.0 PPM | 28.8 PPM | 63.9 PPM | 94.6 PPM  | 113.4 PPM | 103.6 PPM | 95.6 PPM  | 76.8 PPM  | 95.9 PPM  |
| PB | 12.2 PPM | 5.9 PPM  | 5.3 PPM  | 1.9 PPM  | 5.2 PPM   | 16.6 PPM  | 6.4 PPM   | <1.0 PPM  | 3.3 PPM   | <1.0 PPM  |
| NI | 14.2 PPM | 11.7 PPM | 10.6 PPM | 27.4 PPM | 38.1 PPM  | 39.8 PPM  | 51.5 PPM  | 78.5 PPM  | 39.6 PPM  | 67.6 PPM  |
| CO | 12.9 PPM | 8.0 PPM  | 8.0 PPM  | 17.1 PPM | 24.2 PPM  | 20.4 PPM  | 24.4 PPM  | 37.8 PPM  | 24.7 PPM  | 33.9 PPM  |
| V  | 22.9 PPM | 15.7 PPM | 14.8 PPM | 44.6 PPM | 58.9 PPM  | 49.0 PPM  | 67.9 PPM  | 107.2 PPM | 63.2 PPM  | 98.8 PPM  |
| MO | 12.8 PPM | 11.5 PPM | 11.6 PPM | 14.9 PPM | 17.4 PPM  | 17.4 PPM  | 15.3 PPM  | 19.5 PPM  | 16.3 PPM  | 19.4 PPM  |
| CD | <1.0 PPM | 1.5 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | <.3 PPM  | <.3 PPM  | <.3 PPM  | 21.2 PPM | 26.8 PPM  | 19.8 PPM  | 45.2 PPM  | 105.9 PPM | 35.4 PPM  | 78.5 PPM  |
| BA | 79.5 PPM | 66.2 PPM | 71.2 PPM | 79.9 PPM | 114.3 PPM | 105.7 PPM | 129.8 PPM | 145.5 PPM | 100.0 PPM | 135.7 PPM |
| SR | 28.8 PPM | 32.0 PPM | 30.8 PPM | 47.2 PPM | 38.6 PPM  | 36.7 PPM  | 55.8 PPM  | 62.0 PPM  | 35.9 PPM  | 63.3 PPM  |

SIDE 2

DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 15<sup>5</sup>/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 11        | 12        | 13        | 14       | 15       | 16       | 17       | 18       | 19       | 20       |
|----|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .04 %     | .03 %     | .04 %     | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    | .02 %    | .03 %    |
| AL | 2.27 %    | 2.61 %    | 2.15 %    | .87 %    | .99 %    | .94 %    | .77 %    | .99 %    | .91 %    | 1.09 %   |
| FE | 3.60 %    | 4.24 %    | 3.36 %    | 1.52 %   | 1.66 %   | 1.75 %   | 1.70 %   | 1.84 %   | 1.44 %   | 1.83 %   |
| TI | .25 %     | .27 %     | .30 %     | .09 %    | .10 %    | .09 %    | .08 %    | .11 %    | .08 %    | .11 %    |
| MG | 1.56 %    | 1.51 %    | 1.29 %    | .36 %    | .41 %    | .47 %    | .47 %    | .51 %    | .38 %    | .54 %    |
| CA | .93 %     | .67 %     | .74 %     | .41 %    | .43 %    | .46 %    | .65 %    | .49 %    | .41 %    | .44 %    |
| NA | .03 %     | .03 %     | .03 %     | .02 %    | .03 %    | .04 %    | .04 %    | .02 %    | .04 %    | .04 %    |
| K  | .28 %     | .29 %     | .30 %     | .12 %    | .16 %    | .17 %    | .11 %    | .27 %    | .22 %    | .21 %    |
| MN | .09 %     | .09 %     | .06 %     | .03 %    | .04 %    | .04 %    | .03 %    | .06 %    | .04 %    | .04 %    |
| CU | 37.8 PPM  | 37.9 PPM  | 30.5 PPM  | 10.7 PPM | 10.9 PPM | 15.7 PPM | 9.7 PPM  | 7.6 PPM  | 10.4 PPM | 16.1 PPM |
| ZN | 161.8 PPM | 184.3 PPM | 123.5 PPM | 41.0 PPM | 48.0 PPM | 48.7 PPM | 88.5 PPM | 53.8 PPM | 50.1 PPM | 67.3 PPM |
| PB | 8.6 PPM   | 7.4 PPM   | 5.1 PPM   | 4.8 PPM  | 5.6 PPM  | 8.4 PPM  | 7.7 PPM  | 3.9 PPM  | 7.9 PPM  | 9.5 PPM  |
| NI | 30.1 PPM  | 24.1 PPM  | 23.4 PPM  | 10.5 PPM | 9.7 PPM  | 12.3 PPM | 13.8 PPM | 11.0 PPM | 11.6 PPM | 15.3 PPM |
| CO | 28.9 PPM  | 28.9 PPM  | 27.0 PPM  | 10.3 PPM | 11.8 PPM | 11.9 PPM | 8.6 PPM  | 10.8 PPM | 9.8 PPM  | 12.2 PPM |
| V  | 111.6 PPM | 136.9 PPM | 102.2 PPM | 26.2 PPM | 29.0 PPM | 29.8 PPM | 30.1 PPM | 29.2 PPM | 23.1 PPM | 33.9 PPM |
| MO | 19.6 PPM  | 19.7 PPM  | 16.6 PPM  | 11.7 PPM | 12.4 PPM | 12.9 PPM | 12.0 PPM | 12.0 PPM | 12.0 PPM | 11.8 PPM |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 0.2 PPM   | <.3 PPM   | 1.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  | .4 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  |
| BA | 116.5 PPM | 93.6 PPM  | 91.0 PPM  | 65.3 PPM | 76.0 PPM | 77.1 PPM | 65.3 PPM | 76.5 PPM | 78.2 PPM | 78.9 PPM |
| SR | 51.7 PPM  | 28.5 PPM  | 25.5 PPM  | 23.0 PPM | 26.0 PPM | 26.8 PPM | 35.9 PPM | 29.3 PPM | 25.1 PPM | 28.1 PPM |

SIDE 3

DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 15<sup>5</sup>78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 21       | 22       | 23        | 24        | 25       | 26       | 27       | 28       | 29       | 30       |
|----|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .04 %     | .04 %     | .05 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | 1.09 %   | 1.78 %   | 1.98 %    | 1.58 %    | 1.83 %   | 1.01 %   | .87 %    | 1.04 %   | .47 %    | .55 %    |
| FE | 1.92 %   | 2.54 %   | 2.99 %    | 2.76 %    | 2.92 %   | 1.57 %   | 1.48 %   | 1.79 %   | 1.03 %   | 1.17 %   |
| TI | .10 %    | .17 %    | .21 %     | .18 %     | .19 %    | .08 %    | .08 %    | .08 %    | .06 %    | .06 %    |
| MG | .63 %    | 1.43 %   | 1.23 %    | .82 %     | .90 %    | .43 %    | .40 %    | .54 %    | .22 %    | .26 %    |
| CA | .37 %    | .88 %    | .61 %     | .80 %     | .76 %    | .39 %    | .36 %    | .40 %    | .87 %    | .89 %    |
| NA | .02 %    | .02 %    | .03 %     | .03 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| K  | .11 %    | .22 %    | .16 %     | .18 %     | .32 %    | .19 %    | .17 %    | .17 %    | .13 %    | .14 %    |
| MN | .04 %    | .07 %    | .05 %     | .05 %     | .05 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    |
| CU | 21.0 PPM | 29.9 PPM | 29.0 PPM  | 18.3 PPM  | 16.2 PPM | 19.5 PPM | 15.0 PPM | 22.5 PPM | 13.0 PPM | 18.7 PPM |
| ZN | 68.9 PPM | 74.1 PPM | 105.9 PPM | 103.8 PPM | 97.4 PPM | 43.0 PPM | 47.9 PPM | 58.2 PPM | 22.7 PPM | 30.0 PPM |
| PB | 13.5 PPM | 2.4 PPM  | 7.8 PPM   | 7.2 PPM   | 3.2 PPM  | 8.5 PPM  | 3.5 PPM  | 8.6 PPM  | 2.9 PPM  | 5.6 PPM  |
| NI | 19.1 PPM | 48.4 PPM | 25.8 PPM  | 10.7 PPM  | 14.3 PPM | 14.9 PPM | 14.3 PPM | 16.2 PPM | 10.2 PPM | 12.9 PPM |
| CO | 11.7 PPM | 24.9 PPM | 21.0 PPM  | 16.9 PPM  | 16.7 PPM | 13.0 PPM | 11.4 PPM | 14.1 PPM | 8.2 PPM  | 10.2 PPM |
| V  | 28.4 PPM | 68.5 PPM | 79.1 PPM  | 92.7 PPM  | 76.3 PPM | 31.8 PPM | 27.3 PPM | 35.9 PPM | 13.9 PPM | 15.4 PPM |
| MO | 14.3 PPM | 16.4 PPM | 16.5 PPM  | 14.9 PPM  | 16.7 PPM | 12.5 PPM | 11.6 PPM | 13.0 PPM | 10.6 PPM | 11.3 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | 1.7 PPM  |
| CR | 4.1 PPM  | 50.2 PPM | 7.0 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  |
| BA | 43.0 PPM | 96.3 PPM | 54.3 PPM  | 76.4 PPM  | 89.9 PPM | 70.3 PPM | 67.4 PPM | 52.2 PPM | 64.8 PPM | 53.9 PPM |
| SR | 18.6 PPM | 49.3 PPM | 20.8 PPM  | 28.8 PPM  | 31.7 PPM | 21.5 PPM | 18.9 PPM | 19.9 PPM | 40.3 PPM | 40.4 PPM |

SIDE 4

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 15<sup>5</sup>/78

OPPDRAUGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 31        | 32       | 33       | 34        | 35        | 36        | 37        | 38       | 39       | 40       |
|----|-----------|----------|----------|-----------|-----------|-----------|-----------|----------|----------|----------|
| SI | .03 %     | .03 %    | .03 %    | .03 %     | .03 %     | .03 %     | .03 %     | .03 %    | .03 %    | .03 %    |
| AL | .88 %     | .97 %    | .84 %    | 1.46 %    | 1.43 %    | 1.45 %    | 1.46 %    | 1.13 %   | 1.31 %   | 1.23 %   |
| FE | 2.54 %    | 1.71 %   | 1.56 %   | 2.04 %    | 1.60 %    | 1.98 %    | 2.43 %    | 1.96 %   | 2.01 %   | 2.10 %   |
| TI | .09 %     | .10 %    | .09 %    | .13 %     | .10 %     | .12 %     | .14 %     | .11 %    | .12 %    | .11 %    |
| MG | .53 %     | .52 %    | .45 %    | 1.06 %    | 1.33 %    | .93 %     | .73 %     | .57 %    | .70 %    | .60 %    |
| CA | .70 %     | .54 %    | .43 %    | .76 %     | .80 %     | .71 %     | .59 %     | .53 %    | .55 %    | .52 %    |
| NA | .04 %     | .04 %    | .03 %    | .05 %     | .05 %     | .04 %     | .03 %     | .04 %    | .04 %    | .04 %    |
| K  | .15 %     | .19 %    | .18 %    | .33 %     | .47 %     | .31 %     | .34 %     | .22 %    | .23 %    | .22 %    |
| MN | .10 %     | .03 %    | .03 %    | .08 %     | .04 %     | .06 %     | .10 %     | .06 %    | .06 %    | .09 %    |
| CU | 10.2 PPM  | 16.9 PPM | 15.0 PPM | 17.9 PPM  | 14.1 PPM  | 13.8 PPM  | 14.9 PPM  | 11.6 PPM | 15.0 PPM | 16.9 PPM |
| ZN | 107.6 PPM | 50.8 PPM | 44.9 PPM | 117.6 PPM | 57.0 PPM  | 74.7 PPM  | 99.4 PPM  | 68.7 PPM | 67.3 PPM | 76.4 PPM |
| PB | 8.3 PPM   | 8.0 PPM  | 3.9 PPM  | 7.0 PPM   | 2.0 PPM   | 3.4 PPM   | 6.5 PPM   | 9.6 PPM  | 5.9 PPM  | 8.0 PPM  |
| NI | 18.0 PPM  | 14.7 PPM | 13.5 PPM | 30.3 PPM  | 13.6 PPM  | 16.7 PPM  | 21.4 PPM  | 18.3 PPM | 17.3 PPM | 19.7 PPM |
| CO | 13.4 PPM  | 12.6 PPM | 11.4 PPM | 21.7 PPM  | 12.2 PPM  | 15.9 PPM  | 19.1 PPM  | 15.2 PPM | 15.9 PPM | 19.0 PPM |
| V  | 36.0 PPM  | 30.7 PPM | 27.2 PPM | 39.9 PPM  | 33.9 PPM  | 39.3 PPM  | 42.0 PPM  | 32.5 PPM | 36.8 PPM | 35.6 PPM |
| MO | 14.6 PPM  | 13.0 PPM | 10.9 PPM | 11.9 PPM  | 12.4 PPM  | 12.8 PPM  | 11.9 PPM  | 12.6 PPM | 12.2 PPM | 13.3 PPM |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM | 2.0 PPM   | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM   | <.3 PPM  | <.3 PPM  | 4.2 PPM   | 7.6 PPM   | 1.8 PPM   | <.3 PPM   | <.3 PPM  | 1.1 PPM  | <.3 PPM  |
| BA | 86.3 PPM  | 66.6 PPM | 53.0 PPM | 111.2 PPM | 113.8 PPM | 101.7 PPM | 102.6 PPM | 82.6 PPM | 84.9 PPM | 89.6 PPM |
| SR | 53.2 PPM  | 30.9 PPM | 24.5 PPM | 39.1 PPM  | 34.1 PPM  | 40.2 PPM  | 39.0 PPM  | 32.9 PPM | 35.5 PPM | 34.1 PPM |

SIDE 5

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.  
OPPDAGSGIVER: 150<sup>5</sup>/78

|    | 41       | 42       | 43       | 44       | 45       | 46       | 47       | 48       | 49        | 50        |
|----|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| SI | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .04 %    | .04 %    | .03 %    | .03 %     | .04 %     |
| AL | 1.17 %   | .82 %    | .33 %    | .33 %    | .43 %    | .47 %    | .81 %    | .68 %    | .86 %     | .63 %     |
| FE | 2.13 %   | 1.45 %   | 2.10 %   | 1.50 %   | 1.56 %   | 1.09 %   | 2.87 %   | 2.67 %   | 2.46 %    | 2.45 %    |
| TI | .11 %    | .08 %    | .04 %    | .03 %    | .05 %    | .04 %    | .10 %    | .06 %    | .07 %     | .06 %     |
| MG | .64 %    | .41 %    | .14 %    | .13 %    | .19 %    | .23 %    | .51 %    | .34 %    | .38 %     | .28 %     |
| CA | .51 %    | .54 %    | .39 %    | .33 %    | .44 %    | .61 %    | .54 %    | .41 %    | .48 %     | .76 %     |
| NA | .04 %    | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .04 %     | .03 %     |
| K  | .21 %    | .15 %    | .05 %    | .05 %    | .06 %    | .05 %    | .10 %    | .10 %    | .12 %     | .09 %     |
| MN | .05 %    | .03 %    | .05 %    | .05 %    | .03 %    | .03 %    | .08 %    | .09 %    | .22 %     | .13 %     |
| CU | 16.6 PPM | 13.9 PPM | 7.8 PPM  | 6.1 PPM  | 9.4 PPM  | 1.3 PPM  | 10.0 PPM | 9.4 PPM  | 14.0 PPM  | 21.1 PPM  |
| ZN | 67.9 PPM | 40.5 PPM | 75.3 PPM | 59.3 PPM | 71.9 PPM | 29.8 PPM | 74.2 PPM | 85.0 PPM | 123.6 PPM | 162.9 PPM |
| PB | 5.0 PPM  | <1.0 PPM | 8.4 PPM  | 4.9 PPM  | 7.1 PPM  | 3.6 PPM  | 17.2 PPM | 7.6 PPM  | 9.7 PPM   | 15.9 PPM  |
| NI | 19.8 PPM | 12.2 PPM | 10.7 PPM | 12.8 PPM | 10.2 PPM | 4.0 PPM  | 12.7 PPM | 13.4 PPM | 36.7 PPM  | 36.7 PPM  |
| CO | 15.8 PPM | 8.5 PPM  | 8.6 PPM  | 6.1 PPM  | 6.1 PPM  | 4.5 PPM  | 16.7 PPM | 12.1 PPM | 17.0 PPM  | 13.8 PPM  |
| V  | 37.5 PPM | 27.0 PPM | 11.3 PPM | 10.6 PPM | 12.6 PPM | 15.7 PPM | 21.8 PPM | 19.5 PPM | 32.7 PPM  | 25.6 PPM  |
| MO | 12.1 PPM | 10.9 PPM | 11.5 PPM | 11.3 PPM | 11.9 PPM | 10.2 PPM | 13.9 PPM | 13.8 PPM | 14.6 PPM  | 13.5 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | 1.1 PPM  | <1.0 PPM | 1.6 PPM  | <1.0 PPM | 1.6 PPM   | 1.0 PPM   |
| CR | 2.7 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   | <.3 PPM   |
| BA | 85.9 PPM | 65.1 PPM | 67.2 PPM | 53.4 PPM | 54.3 PPM | 55.0 PPM | 59.0 PPM | 75.1 PPM | 81.3 PPM  | 77.9 PPM  |
| SR | 33.5 PPM | 30.0 PPM | 30.9 PPM | 23.5 PPM | 31.3 PPM | 30.5 PPM | 49.2 PPM | 36.5 PPM | 27.2 PPM  | 46.1 PPM  |

SIDE 6

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

OPPDAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 51       | 52       | 53        | 54       | 55       | 56       | 57        | 58        | 59        | 60       |
|----|----------|----------|-----------|----------|----------|----------|-----------|-----------|-----------|----------|
| SI | .03 %    | .03 %    | .04 %     | .04 %    | .04 %    | .04 %    | .03 %     | .03 %     | .03 %     | .03 %    |
| AL | .61 %    | .43 %    | 1.62 %    | 1.05 %   | .95 %    | 1.56 %   | 2.52 %    | 2.29 %    | 2.32 %    | 1.71 %   |
| FE | 1.21 %   | .91 %    | 3.24 %    | 1.86 %   | 1.84 %   | 2.68 %   | 3.99 %    | 3.65 %    | 3.35 %    | 2.82 %   |
| TI | .07 %    | .05 %    | .13 %     | .09 %    | .09 %    | .13 %    | .20 %     | .18 %     | .15 %     | .12 %    |
| MG | .30 %    | .21 %    | .87 %     | .53 %    | .36 %    | .76 %    | 1.40 %    | 1.27 %    | 1.38 %    | .91 %    |
| CA | .67 %    | .94 %    | .88 %     | .57 %    | .45 %    | .34 %    | .54 %     | .81 %     | .59 %     | .76 %    |
| NA | .04 %    | .02 %    | .04 %     | .04 %    | .03 %    | .03 %    | .03 %     | .03 %     | .03 %     | .04 %    |
| K  | .14 %    | .10 %    | .30 %     | .18 %    | .16 %    | .28 %    | .31 %     | .37 %     | .30 %     | .30 %    |
| MN | .03 %    | .03 %    | .09 %     | .04 %    | .07 %    | .06 %    | .12 %     | .09 %     | .08 %     | .06 %    |
| CU | 17.5 PPM | 13.5 PPM | 43.8 PPM  | 13.9 PPM | 13.5 PPM | 19.4 PPM | 65.4 PPM  | 44.4 PPM  | 35.8 PPM  | 32.2 PPM |
| ZN | 28.3 PPM | 23.9 PPM | 131.1 PPM | 56.3 PPM | 59.3 PPM | 95.1 PPM | 136.2 PPM | 124.9 PPM | 125.1 PPM | 98.9 PPM |
| PB | 4.7 PPM  | 2.5 PPM  | 19.9 PPM  | 5.7 PPM  | 7.7 PPM  | 4.8 PPM  | 11.4 PPM  | 11.4 PPM  | 7.6 PPM   | 9.8 PPM  |
| NI | 11.0 PPM | 9.6 PPM  | 37.8 PPM  | 15.4 PPM | 14.7 PPM | 22.9 PPM | 37.1 PPM  | 35.2 PPM  | 44.7 PPM  | 31.6 PPM |
| CO | 9.4 PPM  | 7.7 PPM  | 26.4 PPM  | 13.4 PPM | 13.2 PPM | 16.2 PPM | 60.8 PPM  | 39.0 PPM  | 33.5 PPM  | 25.6 PPM |
| V  | 18.4 PPM | 13.6 PPM | 54.2 PPM  | 33.6 PPM | 23.5 PPM | 41.6 PPM | 106.4 PPM | 88.8 PPM  | 71.4 PPM  | 61.0 PPM |
| MO | 11.0 PPM | 10.7 PPM | 16.4 PPM  | 12.3 PPM | 12.5 PPM | 14.7 PPM | 19.8 PPM  | 18.3 PPM  | 16.7 PPM  | 15.0 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | <.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   | <.3 PPM   | 2.1 PPM   | <.3 PPM  |
| BA | 68.6 PPM | 39.8 PPM | 88.6 PPM  | 69.2 PPM | 77.9 PPM | 72.1 PPM | 83.5 PPM  | 105.7 PPM | 72.2 PPM  | 98.9 PPM |
| SR | 32.6 PPM | 40.8 PPM | 53.4 PPM  | 26.7 PPM | 23.2 PPM | 17.7 PPM | 19.4 PPM  | 32.9 PPM  | 24.3 PPM  | 34.0 PPM |

SIDE 7

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDAGSNR.: 15<sup>5</sup>78

OPPDAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 61       | 62        | 63        | 64        | 65       | 66        | 67       | 68       | 69        | 70       |
|----|----------|-----------|-----------|-----------|----------|-----------|----------|----------|-----------|----------|
| SI | .03 %    | .03 %     | .03 %     | .05 %     | .03 %    | .04 %     | .04 %    | .04 %    | .04 %     | .04 %    |
| AL | 1.39 %   | 2.32 %    | 2.52 %    | 1.62 %    | 1.61 %   | 1.06 %    | 1.39 %   | 1.39 %   | 1.58 %    | 1.44 %   |
| FE | 2.32 %   | 3.41 %    | 3.81 %    | 2.57 %    | 2.28 %   | 2.58 %    | 2.51 %   | 2.23 %   | 2.65 %    | 2.48 %   |
| TI | .13 %    | .16 %     | .19 %     | .05 %     | .07 %    | .05 %     | .14 %    | .13 %    | .12 %     | .08 %    |
| MG | .87 %    | 1.41 %    | 1.32 %    | 1.00 %    | 1.00 %   | .46 %     | .93 %    | .92 %    | 1.05 %    | .95 %    |
| CA | .62 %    | .65 %     | .97 %     | .32 %     | .40 %    | .44 %     | .46 %    | .51 %    | .39 %     | .28 %    |
| NA | .03 %    | .03 %     | .04 %     | .03 %     | .02 %    | .03 %     | .03 %    | .03 %    | .03 %     | .03 %    |
| K  | .13 %    | .32 %     | .40 %     | .10 %     | .10 %    | .11 %     | .11 %    | .10 %    | .13 %     | .14 %    |
| MN | .08 %    | .09 %     | .09 %     | .06 %     | .06 %    | .10 %     | .06 %    | .06 %    | .07 %     | .05 %    |
| CU | 75.4 PPM | 38.8 PPM  | 47.6 PPM  | 28.6 PPM  | 13.6 PPM | 35.7 PPM  | 24.5 PPM | 21.6 PPM | 26.1 PPM  | 22.5 PPM |
| ZN | 84.6 PPM | 130.6 PPM | 128.8 PPM | 114.6 PPM | 71.2 PPM | 106.2 PPM | 98.7 PPM | 98.1 PPM | 110.2 PPM | 96.3 PPM |
| PB | 3.1 PPM  | 9.0 PPM   | 9.7 PPM   | 18.5 PPM  | 3.3 PPM  | 22.6 PPM  | 2.8 PPM  | 5.9 PPM  | 7.4 PPM   | 2.7 PPM  |
| NI | 27.3 PPM | 45.0 PPM  | 34.0 PPM  | 37.6 PPM  | 30.7 PPM | 22.8 PPM  | 33.5 PPM | 29.9 PPM | 32.9 PPM  | 29.6 PPM |
| CO | 21.1 PPM | 36.2 PPM  | 37.9 PPM  | 16.1 PPM  | 14.0 PPM | 14.4 PPM  | 18.3 PPM | 16.4 PPM | 18.9 PPM  | 15.5 PPM |
| V  | 42.2 PPM | 76.4 PPM  | 99.8 PPM  | 30.5 PPM  | 33.3 PPM | 25.8 PPM  | 38.1 PPM | 39.7 PPM | 37.2 PPM  | 28.9 PPM |
| MO | 13.1 PPM | 16.7 PPM  | 18.9 PPM  | 14.4 PPM  | 14.1 PPM | 16.0 PPM  | 12.6 PPM | 12.6 PPM | 15.0 PPM  | 12.9 PPM |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | 1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM |
| CR | <.3 PPM  | 3.7 PPM   | <.3 PPM   | 3.2 PPM   | 9.7 PPM  | <.3 PPM   | 10.5 PPM | 15.0 PPM | 11.7 PPM  | 3.9 PPM  |
| BA | 75.1 PPM | 90.0 PPM  | 96.8 PPM  | 54.9 PPM  | 55.3 PPM | 59.9 PPM  | 56.1 PPM | 61.5 PPM | 60.5 PPM  | 57.3 PPM |
| SR | 24.4 PPM | 27.1 PPM  | 42.2 PPM  | 14.7 PPM  | 17.8 PPM | 19.5 PPM  | 27.6 PPM | 30.9 PPM | 21.4 PPM  | 13.7 PPM |

SIDE 8

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSOKELSE.

OPPDRAKSNR.: 15<sup>5</sup>/78

OPPDRAKSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 71       | 72       | 73       | 74       | 75       | 76       | 77       | 78       | 79       | 80       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .03 %    | .03 %    |
| AL | .89 %    | 1.04 %   | 1.05 %   | 1.21 %   | 1.13 %   | 1.15 %   | .85 %    | .69 %    | .52 %    | .59 %    |
| FE | 2.82 %   | 2.06 %   | 2.17 %   | 2.31 %   | 2.21 %   | 2.13 %   | 1.53 %   | 1.15 %   | .86 %    | .85 %    |
| TI | .08 %    | .08 %    | .08 %    | .08 %    | .06 %    | .07 %    | .08 %    | .09 %    | .08 %    | .09 %    |
| MG | .39 %    | .68 %    | .67 %    | .75 %    | .69 %    | .67 %    | .37 %    | .23 %    | .20 %    | .27 %    |
| CA | .46 %    | .30 %    | .28 %    | .31 %    | .27 %    | .33 %    | .29 %    | .26 %    | .25 %    | .30 %    |
| NA | .02 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .04 %    | .04 %    | .05 %    |
| K  | .21 %    | .10 %    | .11 %    | .13 %    | .14 %    | .12 %    | .11 %    | .10 %    | .10 %    | .14 %    |
| MN | .15 %    | .04 %    | .05 %    | .06 %    | .06 %    | .05 %    | .03 %    | .01 %    | .01 %    | .01 %    |
| CU | 15.8 PPM | 16.0 PPM | 16.5 PPM | 14.3 PPM | 13.7 PPM | 17.5 PPM | 13.3 PPM | 12.1 PPM | 6.1 PPM  | 6.9 PPM  |
| ZN | 87.8 PPM | 71.5 PPM | 80.9 PPM | 88.6 PPM | 90.3 PPM | 85.6 PPM | 51.1 PPM | 28.9 PPM | 17.0 PPM | 19.8 PPM |
| PB | 8.7 PPM  | 2.9 PPM  | 3.1 PPM  | 4.3 PPM  | 3.2 PPM  | 5.9 PPM  | 22.8 PPM | 29.5 PPM | 9.3 PPM  | 14.9 PPM |
| NI | 23.5 PPM | 21.8 PPM | 22.8 PPM | 25.9 PPM | 22.4 PPM | 20.6 PPM | 11.7 PPM | 7.2 PPM  | 4.5 PPM  | 4.9 PPM  |
| CO | 15.1 PPM | 12.6 PPM | 12.7 PPM | 14.1 PPM | 13.2 PPM | 13.0 PPM | 8.0 PPM  | 5.3 PPM  | 5.1 PPM  | 4.8 PPM  |
| V  | 25.5 PPM | 24.9 PPM | 24.5 PPM | 28.1 PPM | 24.7 PPM | 26.1 PPM | 26.3 PPM | 25.8 PPM | 19.8 PPM | 22.5 PPM |
| MO | 15.0 PPM | 13.3 PPM | 13.1 PPM | 14.0 PPM | 13.0 PPM | 13.7 PPM | 18.2 PPM | 19.1 PPM | 15.2 PPM | 13.6 PPM |
| CD | 1.5 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | < .3 PPM | 1.0 PPM  | < .3 PPM | .4 PPM   | < .3 PPM | < .3 PPM | 1.4 PPM  | < .3 PPM | .5 PPM   | 3.0 PPM  |
| BA | 82.7 PPM | 52.3 PPM | 51.4 PPM | 51.0 PPM | 39.3 PPM | 51.2 PPM | 46.3 PPM | 51.5 PPM | 42.3 PPM | 50.3 PPM |
| SR | 25.1 PPM | 15.4 PPM | 15.2 PPM | 16.5 PPM | 13.4 PPM | 16.7 PPM | 10.8 PPM | 7.2 PPM  | 5.4 PPM  | 5.9 PPM  |

SIDE 9

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.  
OPPDAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

OPPDAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 81       | 82       | 83       | 84       | 85       | 86       | 87       | 88       | 89       | 90       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .04 %    | .04 %    | .03 %    | .04 %    | .04 %    | .04 %    | .03 %    | .04 %    | .04 %    | .04 %    |
| AL | .47 %    | .79 %    | .76 %    | .11 %    | .18 %    | .09 %    | .37 %    | .52 %    | .18 %    | .11 %    |
| FE | .73 %    | 1.27 %   | 1.26 %   | .13 %    | .32 %    | .12 %    | .97 %    | 1.46 %   | .28 %    | .14 %    |
| TI | .10 %    | .08 %    | .07 %    | .07 %    | .10 %    | .06 %    | .16 %    | .27 %    | .16 %    | .07 %    |
| MG | .18 %    | .47 %    | .45 %    | .03 %    | .06 %    | .02 %    | .08 %    | .08 %    | .04 %    | .03 %    |
| CA | .25 %    | .59 %    | .87 %    | .15 %    | .24 %    | .13 %    | .39 %    | .47 %    | .28 %    | .16 %    |
| NA | .03 %    | .09 %    | .08 %    | .03 %    | .03 %    | .04 %    | .04 %    | .05 %    | .02 %    | .04 %    |
| K  | .11 %    | .17 %    | .12 %    | .02 %    | .04 %    | .01 %    | .12 %    | .20 %    | .03 %    | .01 %    |
| MN | .01 %    | .03 %    | .03 %    | < .01 %  | .01 %    | .01 %    | .02 %    | .03 %    | .01 %    | .01 %    |
| CU | 7 PPM    | 15.1 PPM | 29.0 PPM | < .1 PPM | < .1 PPM | < .1 PPM | < .1 PPM | < .1 PPM | < .1 PPM | < .1 PPM |
| ZN | 16.8 PPM | 46.9 PPM | 37.7 PPM | .2 PPM   | 6.8 PPM  | < .1 PPM | 30.0 PPM | 50.0 PPM | 5.9 PPM  | .5 PPM   |
| PB | 15.5 PPM | 1.1 PPM  | 1.9 PPM  | <1.0 PPM | 2.5 PPM  | <1.0 PPM | 4.3 PPM  | 5.9 PPM  | <1.0 PPM | 2.6 PPM  |
| NI | 1.7 PPM  | 13.8 PPM | 13.3 PPM | <1.0 PPM | 1.5 PPM  | <1.0 PPM | 2.5 PPM  | <1.0 PPM | 1.3 PPM  | <1.0 PPM |
| CO | 5.2 PPM  | 11.3 PPM | 10.1 PPM | 3.2 PPM  | 5.1 PPM  | 2.5 PPM  | 7.2 PPM  | 11.9 PPM | 7.5 PPM  | 3.2 PPM  |
| V  | 18.2 PPM | 42.1 PPM | 43.5 PPM | 5.4 PPM  | 8.5 PPM  | 4.6 PPM  | 10.8 PPM | 14.9 PPM | 8.6 PPM  | 6.2 PPM  |
| MO | 13.7 PPM | 12.0 PPM | 12.4 PPM | 7.0 PPM  | 6.7 PPM  | 6.6 PPM  | 10.1 PPM | 13.4 PPM | 8.7 PPM  | 7.7 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 2.7 PPM  | 16.2 PPM | 12.7 PPM | < .3 PPM | < .3 PPM | < .3 PPM | < .3 PPM | < .3 PPM | < .3 PPM | < .3 PPM |
| BA | 35.6 PPM | 52.7 PPM | 41.5 PPM | 32.7 PPM | 19.0 PPM | 14.7 PPM | 23.3 PPM | 48.8 PPM | 17.4 PPM | 35.7 PPM |
| SR | 5.2 PPM  | 10.8 PPM | 14.8 PPM | 3.6 PPM  | 3.2 PPM  | 2.8 PPM  | 1.9 PPM  | .5 PPM   | 2.2 PPM  | 2.8 PPM  |

SIDE 10

DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R. KROG.

|    | 91       | 92       | 93       | 94       | 95       | 96       | 97       | 98       | 99       | 100       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| SI | .05 %    | .05 %    | .03 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %     |
| AL | .11 %    | .14 %    | .46 %    | .72 %    | .49 %    | .85 %    | .52 %    | .40 %    | .61 %    | 1.86 %    |
| FE | .16 %    | .18 %    | .73 %    | 1.15 %   | .74 %    | 1.08 %   | .70 %    | .60 %    | 1.01 %   | 2.54 %    |
| TI | .11 %    | .11 %    | .05 %    | .09 %    | .04 %    | .06 %    | .04 %    | .03 %    | .05 %    | .19 %     |
| MG | .03 %    | .04 %    | .22 %    | .35 %    | .21 %    | .41 %    | .24 %    | .15 %    | .26 %    | .80 %     |
| CA | .19 %    | .22 %    | .29 %    | .29 %    | .38 %    | .46 %    | .47 %    | .41 %    | .29 %    | .55 %     |
| NA | .04 %    | .04 %    | .06 %    | .05 %    | .05 %    | .05 %    | .04 %    | .03 %    | .04 %    | .04 %     |
| K  | .03 %    | .02 %    | .08 %    | .17 %    | .06 %    | .11 %    | .05 %    | .04 %    | .09 %    | .39 %     |
| MN | < .01 %  | .01 %    | .01 %    | .02 %    | .01 %    | .01 %    | .01 %    | .02 %    | .02 %    | .04 %     |
| CU | < .1 PPM | < .1 PPM | < .1 PPM | .7 PPM   | .7 PPM   | 6.9 PPM  | 1.5 PPM  | .4 PPM   | 2.9 PPM  | 9.5 PPM   |
| ZN | 2.7 PPM  | 2.5 PPM  | 14.9 PPM | 36.6 PPM | 17.0 PPM | 29.4 PPM | 16.2 PPM | 11.1 PPM | 23.1 PPM | 123.5 PPM |
| PB | 2.6 PPM  | 2.1 PPM  | 2.2 PPM  | 2.9 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | 1.2 PPM  | <1.0 PPM | 11.9 PPM  |
| NI | <1.0 PPM | <1.0 PPM | 1.6 PPM  | 3.6 PPM  | 3.2 PPM  | 9.1 PPM  | 3.8 PPM  | 4.2 PPM  | 4.8 PPM  | 29.9 PPM  |
| CO | 4.2 PPM  | 4.6 PPM  | 4.0 PPM  | 5.7 PPM  | 3.7 PPM  | 6.6 PPM  | 4.1 PPM  | 2.4 PPM  | 4.9 PPM  | 22.4 PPM  |
| V  | 6.1 PPM  | 7.3 PPM  | 19.9 PPM | 26.3 PPM | 18.7 PPM | 31.4 PPM | 20.5 PPM | 16.3 PPM | 24.3 PPM | 57.4 PPM  |
| MO | 7.3 PPM  | 8.3 PPM  | 9.5 PPM  | 13.4 PPM | 9.9 PPM  | 11.7 PPM | 10.3 PPM | 11.3 PPM | 12.4 PPM | 14.5 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | 1.2 PPM  | <1.0 PPM  |
| CR | < .3 PPM | < .3 PPM | 2.0 PPM  | .9 PPM   | < .3 PPM | 5.2 PPM  | 2.3 PPM  | < .3 PPM | .3 PPM   | 19.0 PPM  |
| BA | 38.1 PPM | 19.9 PPM | 29.1 PPM | 47.1 PPM | 42.2 PPM | 37.8 PPM | 41.4 PPM | 30.5 PPM | 44.2 PPM | 123.3 PPM |
| SR | 1.9 PPM  | 2.3 PPM  | 5.7 PPM  | 5.5 PPM  | 7.9 PPM  | 10.1 PPM | 9.0 PPM  | 8.0 PPM  | 6.5 PPM  | 49.1 PPM  |

SIDE 11

DATO: 1/2-79

ANALYSE-RAPPORT.  
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NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 101      | 102      | 103      | 104      | 105      | 106      | 107      | 108       | 109       | 110      |
|----|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|----------|
| SI | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .05 %    | .04 %     | .04 %     | .03 %    |
| AL | .33 %    | .42 %    | .32 %    | .43 %    | .62 %    | .71 %    | 1.03 %   | 1.42 %    | 1.28 %    | .28 %    |
| FE | 1.82 %   | 1.72 %   | 1.22 %   | .76 %    | 1.61 %   | 1.36 %   | 1.73 %   | 2.16 %    | 2.04 %    | .51 %    |
| TI | .03 %    | .05 %    | .03 %    | .07 %    | .09 %    | .08 %    | .10 %    | .13 %     | .15 %     | .06 %    |
| MG | .11 %    | .19 %    | .15 %    | .20 %    | .22 %    | .45 %    | .63 %    | .80 %     | .64 %     | .11 %    |
| CA | .27 %    | .44 %    | .30 %    | .27 %    | .27 %    | .94 %    | .85 %    | .76 %     | .40 %     | .23 %    |
| NA | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .08 %    | .08 %    | .08 %     | .05 %     | .04 %    |
| K  | .05 %    | .10 %    | .07 %    | .07 %    | .12 %    | .12 %    | .24 %    | .36 %     | .41 %     | .04 %    |
| MN | .06 %    | .05 %    | .04 %    | .01 %    | .02 %    | .02 %    | .04 %    | .05 %     | .04 %     | .01 %    |
| CU | 8.3 PPM  | 11.1 PPM | 4.8 PPM  | 4.9 PPM  | 19.0 PPM | 55.4 PPM | 43.1 PPM | 34.4 PPM  | 26.5 PPM  | 3.4 PPM  |
| ZN | 52.3 PPM | 56.9 PPM | 58.6 PPM | 22.5 PPM | 50.9 PPM | 44.6 PPM | 49.2 PPM | 73.5 PPM  | 49.5 PPM  | 11.8 PPM |
| PB | 14.4 PPM | 11.2 PPM | 5.6 PPM  | 11.4 PPM | 40.1 PPM | 4.9 PPM  | 8.4 PPM  | 10.8 PPM  | 15.8 PPM  | 6.9 PPM  |
| NI | 8.4 PPM  | 11.9 PPM | 5.4 PPM  | 4.9 PPM  | 6.2 PPM  | 15.4 PPM | 28.1 PPM | 31.6 PPM  | 16.9 PPM  | 1.7 PPM  |
| CO | 6.9 PPM  | 8.6 PPM  | 5.7 PPM  | 4.4 PPM  | 7.6 PPM  | 13.3 PPM | 16.2 PPM | 18.6 PPM  | 17.0 PPM  | 3.4 PPM  |
| V  | 10.4 PPM | 12.6 PPM | 9.2 PPM  | 18.3 PPM | 28.8 PPM | 46.6 PPM | 58.5 PPM | 73.5 PPM  | 58.1 PPM  | 12.1 PPM |
| MO | 8.5 PPM  | 8.4 PPM  | 7.6 PPM  | 10.9 PPM | 24.5 PPM | 10.8 PPM | 17.6 PPM | 15.3 PPM  | 14.3 PPM  | 7.8 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | <.3 PPM  | 2.8 PPM  | <.3 PPM  | 14.9 PPM | 28.9 PPM | 46.3 PPM  | 18.3 PPM  | <.3 PPM  |
| BA | 36.2 PPM | 49.4 PPM | 46.7 PPM | 34.2 PPM | 56.9 PPM | 67.2 PPM | 91.9 PPM | 106.4 PPM | 130.6 PPM | 35.7 PPM |
| SR | 21.5 PPM | 30.2 PPM | 20.8 PPM | 7.5 PPM  | 8.1 PPM  | 16.3 PPM | 18.6 PPM | 13.5 PPM  | 11.3 PPM  | 5.2 PPM  |

SIDE 12

DATE: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 111      | 112      | 113      | 114      | 115      | 116      | 117      | 118      | 119      | 120      |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .04 %    | .04 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    |
| AL | .33 %    | .37 %    | .24 %    | .52 %    | .48 %    | .63 %    | .53 %    | .37 %    | .51 %    | .52 %    |
| FE | .55 %    | .63 %    | .46 %    | .95 %    | .98 %    | 1.32 %   | 1.18 %   | .76 %    | 1.37 %   | 1.03 %   |
| TI | .05 %    | .11 %    | .06 %    | .07 %    | .11 %    | .09 %    | .07 %    | .09 %    | .06 %    | .05 %    |
| MG | .13 %    | .14 %    | .10 %    | .15 %    | .11 %    | .23 %    | .19 %    | .14 %    | .25 %    | .25 %    |
| CA | .26 %    | .25 %    | .17 %    | .30 %    | .25 %    | .29 %    | .32 %    | .26 %    | .39 %    | .38 %    |
| NA | .04 %    | .04 %    | .03 %    | .03 %    | .04 %    | .03 %    | .04 %    | .05 %    | .05 %    | .04 %    |
| K  | .05 %    | .09 %    | .03 %    | .09 %    | .07 %    | .11 %    | .08 %    | .07 %    | .10 %    | .10 %    |
| MN | .01 %    | .01 %    | .01 %    | .03 %    | .03 %    | .04 %    | .03 %    | .01 %    | .02 %    | .02 %    |
| CU | 5.6 PPM  | 4.2 PPM  | 3.0 PPM  | 8.0 PPM  | 3.5 PPM  | 13.6 PPM | 9.8 PPM  | 4.0 PPM  | 13.3 PPM | 9.5 PPM  |
| ZH | 15.4 PPM | 18.3 PPM | 9.4 PPM  | 29.8 PPM | 25.2 PPM | 34.5 PPM | 31.3 PPM | 20.3 PPM | 28.2 PPM | 22.4 PPM |
| PB | 3.6 PPM  | 17.0 PPM | 6.1 PPM  | 2.3 PPM  | 7.9 PPM  | 7.9 PPM  | 4.4 PPM  | 4.9 PPM  | 1.7 PPM  | 2.0 PPM  |
| NI | 2.1 PPM  | 2.6 PPM  | 1.3 PPM  | 3.3 PPM  | 2.4 PPM  | 6.8 PPM  | 5.6 PPM  | 2.3 PPM  | 7.0 PPM  | 5.0 PPM  |
| CO | 3.8 PPM  | 4.3 PPM  | 3.2 PPM  | 6.6 PPM  | 7.1 PPM  | 9.7 PPM  | 7.7 PPM  | 4.7 PPM  | 7.3 PPM  | 5.3 PPM  |
| V  | 13.5 PPM | 16.8 PPM | 12.8 PPM | 18.7 PPM | 15.0 PPM | 24.4 PPM | 21.0 PPM | 15.7 PPM | 24.0 PPM | 22.9 PPM |
| MO | 8.6 PPM  | 13.3 PPM | 9.2 PPM  | 10.3 PPM | 16.4 PPM | 15.4 PPM | 11.1 PPM | 8.3 PPM  | 7.9 PPM  | 7.5 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 1.2 PPM  | 1.9 PPM  | 1.4 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | 1.3 PPM  |
| BA | 42.8 PPM | 44.3 PPM | 18.8 PPM | 41.4 PPM | 39.9 PPM | 43.2 PPM | 45.1 PPM | 39.8 PPM | 47.9 PPM | 49.2 PPM |
| SR | 5.8 PPM  | 4.7 PPM  | 4.4 PPM  | 5.6 PPM  | 4.2 PPM  | 5.9 PPM  | 6.7 PPM  | 4.8 PPM  | 10.3 PPM | 9.7 PPM  |

SIDE 13

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 121      | 122      | 123      | 124      | 125      | 126      | 127      | 128      | 129      | 130      |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    | .04 %    |
| AL | .64 %    | .51 %    | .82 %    | .72 %    | .74 %    | .68 %    | .38 %    | .38 %    | .44 %    | .90 %    |
| FE | 1.08 %   | .84 %    | 1.65 %   | 1.44 %   | 1.50 %   | 1.44 %   | .87 %    | 1.38 %   | 1.06 %   | 1.79 %   |
| TI | .07 %    | .06 %    | .08 %    | .08 %    | .08 %    | .09 %    | .07 %    | .07 %    | .08 %    | .08 %    |
| MG | .33 %    | .25 %    | .32 %    | .30 %    | .33 %    | .22 %    | .13 %    | .13 %    | .15 %    | .42 %    |
| CA | .42 %    | .37 %    | .39 %    | .37 %    | .37 %    | .33 %    | .25 %    | .29 %    | .33 %    | 1.14 %   |
| NA | .06 %    | .05 %    | .05 %    | .05 %    | .05 %    | .04 %    | .04 %    | .02 %    | .04 %    | .04 %    |
| K  | .14 %    | .11 %    | .12 %    | .11 %    | .14 %    | .10 %    | .06 %    | .05 %    | .09 %    | .13 %    |
| MN | .01 %    | .01 %    | .05 %    | .04 %    | .04 %    | .05 %    | .02 %    | .02 %    | .03 %    | .03 %    |
| CU | 8.6 PPM  | 6.1 PPM  | 10.5 PPM | 9.7 PPM  | 13.9 PPM | 10.9 PPM | 4.1 PPM  | 3.1 PPM  | 4.2 PPM  | 8.9 PPM  |
| ZN | 33.8 PPM | 26.8 PPM | 43.9 PPM | 38.3 PPM | 33.3 PPM | 34.8 PPM | 20.5 PPM | 20.3 PPM | 25.7 PPM | 50.8 PPM |
| PB | 2.9 PPM  | 3.0 PPM  | 7.4 PPM  | 9.0 PPM  | 7.7 PPM  | 3.9 PPM  | 5.4 PPM  | 4.4 PPM  | 8.6 PPM  | 8.9 PPM  |
| NI | 8.2 PPM  | 6.2 PPM  | 7.1 PPM  | 7.4 PPM  | 8.3 PPM  | 6.0 PPM  | 3.8 PPM  | 1.9 PPM  | 3.3 PPM  | 11.4 PPM |
| CO | 8.2 PPM  | 5.7 PPM  | 12.4 PPM | 8.5 PPM  | 11.3 PPM | 12.0 PPM | 7.0 PPM  | 6.1 PPM  | 6.7 PPM  | 11.2 PPM |
| V  | 29.8 PPM | 24.2 PPM | 33.3 PPM | 28.2 PPM | 31.2 PPM | 26.7 PPM | 16.2 PPM | 19.5 PPM | 17.7 PPM | 33.7 PPM |
| MO | 8.3 PPM  | 8.5 PPM  | 14.9 PPM | 11.3 PPM | 10.1 PPM | 16.6 PPM | 12.7 PPM | 15.5 PPM | 23.2 PPM | 10.8 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 6.9 PPM  | 4.3 PPM  | 1.6 PPM  | 1.9 PPM  | 2.6 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | .7 PPM   | 8.6 PPM  |
| BA | 56.1 PPM | 50.7 PPM | 58.7 PPM | 37.1 PPM | 55.4 PPM | 52.5 PPM | 44.6 PPM | 37.1 PPM | 46.8 PPM | 56.7 PPM |
| SR | 9.8 PPM  | 8.2 PPM  | 12.3 PPM | 13.6 PPM | 12.5 PPM | 10.7 PPM | 8.5 PPM  | 9.9 PPM  | 8.8 PPM  | 71.7 PPM |

SIDE 14

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 131       | 132      | 133       | 134      | 135       | 136       | 137       | 138       | 139       | 140      |
|----|-----------|----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|----------|
| SI | .03 %     | .03 %    | .04 %     | .04 %    | .03 %     | .03 %     | .03 %     | .03 %     | .04 %     | .03 %    |
| AL | 1.81 %    | .81 %    | .92 %     | 1.19 %   | 1.38 %    | 2.02 %    | 1.58 %    | 1.31 %    | 1.71 %    | .65 %    |
| FE | 2.73 %    | 1.44 %   | 1.83 %    | 1.97 %   | 2.12 %    | 2.85 %    | 2.42 %    | 2.07 %    | 2.53 %    | 1.30 %   |
| TI | .17 %     | .11 %    | .13 %     | .16 %    | .18 %     | .24 %     | .17 %     | .15 %     | .18 %     | .03 %    |
| MG | .70 %     | .29 %    | .32 %     | .49 %    | .68 %     | .84 %     | .83 %     | .62 %     | .68 %     | .43 %    |
| CA | 1.31 %    | .28 %    | .69 %     | .60 %    | .90 %     | .72 %     | .79 %     | .67 %     | .58 %     | .77 %    |
| NA | .05 %     | .04 %    | .04 %     | .04 %    | .04 %     | .05 %     | .05 %     | .04 %     | .06 %     | .05 %    |
| K  | .22 %     | .14 %    | .13 %     | .21 %    | .28 %     | .39 %     | .30 %     | .25 %     | .33 %     | .13 %    |
| MN | .08 %     | .01 %    | .04 %     | .04 %    | .05 %     | .05 %     | .05 %     | .04 %     | .05 %     | .05 %    |
| CU | 32.9 PPM  | 7.8 PPM  | 10.0 PPM  | 11.4 PPM | 11.4 PPM  | 20.2 PPM  | 17.2 PPM  | 16.3 PPM  | 24.5 PPM  | 9.6 PPM  |
| ZN | 175.9 PPM | 31.0 PPM | 101.4 PPM | 78.9 PPM | 103.2 PPM | 138.1 PPM | 132.5 PPM | 109.2 PPM | 156.5 PPM | 40.1 PPM |
| PB | 59.6 PPM  | 8.0 PPM  | 12.9 PPM  | 15.4 PPM | 26.7 PPM  | 26.3 PPM  | 38.6 PPM  | 28.3 PPM  | 38.2 PPM  | 8.6 PPM  |
| NI | 36.1 PPM  | 10.0 PPM | 13.7 PPM  | 21.4 PPM | 24.3 PPM  | 34.6 PPM  | 39.7 PPM  | 30.7 PPM  | 35.7 PPM  | 25.3 PPM |
| CO | 24.0 PPM  | 7.9 PPM  | 14.7 PPM  | 17.4 PPM | 20.8 PPM  | 25.3 PPM  | 24.3 PPM  | 21.0 PPM  | 24.8 PPM  | 10.3 PPM |
| V  | 56.6 PPM  | 29.1 PPM | 33.0 PPM  | 43.4 PPM | 48.4 PPM  | 66.3 PPM  | 53.7 PPM  | 44.3 PPM  | 56.0 PPM  | 25.0 PPM |
| MO | 15.3 PPM  | 7.3 PPM  | 9.9 PPM   | 10.8 PPM | 11.7 PPM  | 15.8 PPM  | 13.5 PPM  | 11.7 PPM  | 14.1 PPM  | 8.6 PPM  |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM |
| CR | 19.9 PPM  | 7.6 PPM  | 5.5 PPM   | 16.0 PPM | 17.6 PPM  | 25.2 PPM  | 35.8 PPM  | 25.4 PPM  | 28.8 PPM  | 9.6 PPM  |
| BA | 106.1 PPM | 63.8 PPM | 81.3 PPM  | 80.8 PPM | 76.5 PPM  | 139.2 PPM | 106.3 PPM | 67.3 PPM  | 113.5 PPM | 79.4 PPM |
| SR | 56.9 PPM  | 20.2 PPM | 34.7 PPM  | 62.4 PPM | 97.0 PPM  | 76.5 PPM  | 84.0 PPM  | 61.1 PPM  | 52.5 PPM  | 82.3 PPM |

SIDE 15

DATO: 1/2-79

ANALYSE-RAPPORT  
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NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 141       | 142       | 143       | 144      | 145       | 146       | 147       | 148       | 149       | 150       |
|----|-----------|-----------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .03 %     | .04 %     | .04 %     | .03 %    | .03 %     | .04 %     | .04 %     | .03 %     | .04 %     | .04 %     |
| AL | 1.16 %    | .60 %     | .76 %     | .49 %    | 1.23 %    | .78 %     | .74 %     | .62 %     | .71 %     | .82 %     |
| FE | 2.71 %    | 1.10 %    | 1.69 %    | .77 %    | 2.07 %    | 1.54 %    | 1.58 %    | 1.25 %    | 1.29 %    | 1.47 %    |
| TI | .15 %     | .03 %     | .04 %     | .06 %    | .08 %     | .02 %     | .06 %     | .02 %     | .01 %     | .02 %     |
| MG | .49 %     | .28 %     | .36 %     | .21 %    | .72 %     | .39 %     | .37 %     | .34 %     | .40 %     | .49 %     |
| CA | .78 %     | .84 %     | .83 %     | .47 %    | .83 %     | 1.11 %    | 1.17 %    | 1.21 %    | 1.52 %    | 1.27 %    |
| NA | .05 %     | .05 %     | .04 %     | .04 %    | .05 %     | .06 %     | .05 %     | .05 %     | .06 %     | .06 %     |
| K  | .11 %     | .07 %     | .09 %     | .09 %    | .19 %     | .13 %     | .13 %     | .12 %     | .14 %     | .18 %     |
| MN | .08 %     | .02 %     | .03 %     | .01 %    | .07 %     | .05 %     | .06 %     | .04 %     | .04 %     | .04 %     |
| CU | 9.1 PPM   | 4.4 PPM   | 3.9 PPM   | 2.9 PPM  | 12.0 PPM  | 6.8 PPM   | 6.5 PPM   | 4.0 PPM   | 9.2 PPM   | 11.9 PPM  |
| ZN | 86.0 PPM  | 33.5 PPM  | 45.4 PPM  | 17.4 PPM | 72.4 PPM  | 51.7 PPM  | 51.5 PPM  | 38.6 PPM  | 44.3 PPM  | 60.2 PPM  |
| PB | 8.7 PPM   | 5.8 PPM   | 9.9 PPM   | 5.1 PPM  | 11.9 PPM  | 8.2 PPM   | 10.5 PPM  | 9.1 PPM   | 8.7 PPM   | 13.1 PPM  |
| NI | 21.2 PPM  | 8.8 PPM   | 13.2 PPM  | 13.8 PPM | 34.1 PPM  | 13.7 PPM  | 12.8 PPM  | 12.5 PPM  | 15.1 PPM  | 19.5 PPM  |
| CO | 20.8 PPM  | 5.6 PPM   | 8.3 PPM   | 5.1 PPM  | 17.9 PPM  | 11.5 PPM  | 15.3 PPM  | 8.0 PPM   | 9.2 PPM   | 11.5 PPM  |
| V  | 51.7 PPM  | 26.5 PPM  | 34.8 PPM  | 17.9 PPM | 49.0 PPM  | 35.5 PPM  | 35.4 PPM  | 30.7 PPM  | 33.2 PPM  | 35.0 PPM  |
| MO | 12.9 PPM  | 8.3 PPM   | 9.5 PPM   | 6.2 PPM  | 11.1 PPM  | 9.6 PPM   | 10.4 PPM  | 7.6 PPM   | 9.0 PPM   | 9.4 PPM   |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 11.9 PPM  | 7.2 PPM   | 9.6 PPM   | 20.9 PPM | 35.8 PPM  | 6.6 PPM   | 4.4 PPM   | 5.6 PPM   | 7.0 PPM   | 8.5 PPM   |
| BA | 91.5 PPM  | 62.5 PPM  | 46.5 PPM  | 46.9 PPM | 99.8 PPM  | 79.8 PPM  | 60.2 PPM  | 74.1 PPM  | 81.3 PPM  | 92.6 PPM  |
| SR | 110.2 PPM | 137.5 PPM | 142.3 PPM | 46.8 PPM | 119.5 PPM | 200.1 PPM | 211.4 PPM | 230.4 PPM | 259.0 PPM | 208.3 PPM |

SIDE 16

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 151       | 152       | 153       | 154      | 155      | 156      | 157      | 158       | 159      | 160      |
|----|-----------|-----------|-----------|----------|----------|----------|----------|-----------|----------|----------|
| SI | .04 %     | .05 %     | .03 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %     | .05 %    | .05 %    |
| AL | .42 %     | .71 %     | .83 %     | .80 %    | .62 %    | .62 %    | .93 %    | 1.03 %    | .95 %    | .94 %    |
| FE | .77 %     | 1.31 %    | 1.79 %    | 1.28 %   | 1.18 %   | 1.07 %   | 1.60 %   | 1.99 %    | 1.72 %   | 1.79 %   |
| TI | .01 %     | .01 %     | .10 %     | .06 %    | .03 %    | .07 %    | .13 %    | .15 %     | .11 %    | .12 %    |
| MG | .27 %     | .46 %     | .56 %     | .47 %    | .37 %    | .26 %    | .40 %    | .35 %     | .36 %    | .33 %    |
| CA | 1.30 %    | 2.83 %    | 1.10 %    | .57 %    | .85 %    | .54 %    | .79 %    | .98 %     | .77 %    | .52 %    |
| NA | .06 %     | .09 %     | .07 %     | .05 %    | .06 %    | .04 %    | .05 %    | .06 %     | .05 %    | .04 %    |
| K  | .08 %     | .12 %     | .18 %     | .15 %    | .10 %    | .10 %    | .10 %    | .09 %     | .09 %    | .13 %    |
| MN | .02 %     | .03 %     | .04 %     | .02 %    | .02 %    | .03 %    | .03 %    | .05 %     | .05 %    | .06 %    |
| CU | 3.9 PPM   | 6.5 PPM   | 12.2 PPM  | 5.6 PPM  | 3.3 PPM  | 6.3 PPM  | 8.7 PPM  | 11.4 PPM  | 13.3 PPM | 7.8 PPM  |
| ZN | 21.0 PPM  | 39.7 PPM  | 55.7 PPM  | 33.6 PPM | 30.4 PPM | 25.9 PPM | 65.3 PPM | 106.0 PPM | 75.7 PPM | 80.8 PPM |
| PB | 7.6 PPM   | 11.7 PPM  | 10.3 PPM  | 6.9 PPM  | 10.2 PPM | 13.2 PPM | 4.8 PPM  | 13.2 PPM  | 11.2 PPM | 8.4 PPM  |
| NI | 12.0 PPM  | 14.7 PPM  | 18.8 PPM  | 28.2 PPM | 11.3 PPM | 15.1 PPM | 11.4 PPM | 17.8 PPM  | 13.4 PPM | 12.4 PPM |
| CO | 4.1 PPM   | 7.3 PPM   | 14.9 PPM  | 8.8 PPM  | 5.6 PPM  | 12.7 PPM | 14.7 PPM | 19.8 PPM  | 18.7 PPM | 18.7 PPM |
| V  | 21.0 PPM  | 37.2 PPM  | 46.0 PPM  | 30.1 PPM | 34.0 PPM | 24.1 PPM | 30.8 PPM | 34.6 PPM  | 31.8 PPM | 30.7 PPM |
| MO | 6.1 PPM   | 9.4 PPM   | 9.5 PPM   | 9.1 PPM  | 8.3 PPM  | 8.5 PPM  | 8.7 PPM  | 10.1 PPM  | 10.0 PPM | 8.6 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | 4.6 PPM   | 4.1 PPM   | 14.1 PPM  | 18.3 PPM | 8.8 PPM  | 9.2 PPM  | 5.1 PPM  | 4.2 PPM   | <.3 PPM  | 6.6 PPM  |
| BA | 68.4 PPM  | 101.3 PPM | 143.2 PPM | 72.6 PPM | 68.5 PPM | 63.9 PPM | 56.9 PPM | 43.7 PPM  | 59.9 PPM | 64.6 PPM |
| SR | 210.6 PPM | 432.7 PPM | 132.4 PPM | 60.4 PPM | 96.0 PPM | 56.9 PPM | 47.2 PPM | 51.3 PPM  | 28.5 PPM | 30.4 PPM |

SIDE 17

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 161      | 162      | 163      | 164      | 165       | 166      | 167      | 168      | 169      | 170      |
|----|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .04 %    | .03 %    | .03 %     | .03 %    | .03 %    | .02 %    | .03 %    | .03 %    |
| AL | .80 %    | .55 %    | .76 %    | .74 %    | 1.42 %    | .70 %    | .37 %    | .25 %    | .37 %    | .78 %    |
| FE | 1.48 %   | .88 %    | 1.27 %   | 1.23 %   | 2.48 %    | 1.50 %   | .82 %    | .45 %    | .59 %    | 1.70 %   |
| TI | .10 %    | .07 %    | .08 %    | .08 %    | .16 %     | .09 %    | .10 %    | .07 %    | .06 %    | .09 %    |
| MG | .30 %    | .20 %    | .31 %    | .28 %    | .45 %     | .24 %    | .13 %    | .08 %    | .11 %    | .27 %    |
| CA | .46 %    | .42 %    | .36 %    | .27 %    | .67 %     | .32 %    | .17 %    | .17 %    | .15 %    | .29 %    |
| NA | .04 %    | .04 %    | .04 %    | .03 %    | .04 %     | .04 %    | .04 %    | .03 %    | .03 %    | .04 %    |
| K  | .11 %    | .06 %    | .11 %    | .13 %    | .19 %     | .14 %    | .05 %    | .04 %    | .05 %    | .10 %    |
| MN | .05 %    | .02 %    | .04 %    | .02 %    | .10 %     | .02 %    | .01 %    | .01 %    | .01 %    | .08 %    |
| CU | 8.8 PPM  | 3.7 PPM  | 4.4 PPM  | 3.8 PPM  | 10.5 PPM  | 3.3 PPM  | 1.2 PPM  | 1.3 PPM  | 2.2 PPM  | 6.1 PPM  |
| ZN | 65.6 PPM | 34.4 PPM | 44.4 PPM | 46.9 PPM | 126.2 PPM | 29.6 PPM | 10.2 PPM | 8.2 PPM  | 12.5 PPM | 54.4 PPM |
| PB | 14.7 PPM | 6.4 PPM  | 12.2 PPM | 6.2 PPM  | 17.5 PPM  | 5.0 PPM  | 4.6 PPM  | 3.4 PPM  | 7.8 PPM  | 18.4 PPM |
| NI | 14.4 PPM | 5.8 PPM  | 11.4 PPM | 8.9 PPM  | 18.3 PPM  | 6.6 PPM  | 2.2 PPM  | 2.7 PPM  | 2.1 PPM  | 8.7 PPM  |
| CO | 18.2 PPM | 8.9 PPM  | 13.9 PPM | 12.0 PPM | 24.2 PPM  | 6.5 PPM  | 4.9 PPM  | 4.1 PPM  | 3.7 PPM  | 26.3 PPM |
| V  | 28.4 PPM | 17.8 PPM | 25.9 PPM | 24.0 PPM | 42.1 PPM  | 25.7 PPM | 20.8 PPM | 12.6 PPM | 13.5 PPM | 31.4 PPM |
| MO | 8.7 PPM  | 7.0 PPM  | 8.4 PPM  | 9.0 PPM  | 13.1 PPM  | 8.4 PPM  | 6.1 PPM  | 4.7 PPM  | 6.1 PPM  | 8.9 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 11.6 PPM | 5.7 PPM  | 17.1 PPM | 6.6 PPM  | 4.2 PPM   | 1.9 PPM  | 3.1 PPM  | 2.1 PPM  | 2.9 PPM  | 3.7 PPM  |
| BA | 58.7 PPM | 27.6 PPM | 60.6 PPM | 62.2 PPM | 83.5 PPM  | 58.6 PPM | 42.1 PPM | 21.8 PPM | 24.6 PPM | 52.1 PPM |
| SR | 25.2 PPM | 23.2 PPM | 24.6 PPM | 11.1 PPM | 39.8 PPM  | 16.9 PPM | 7.5 PPM  | 7.2 PPM  | 9.1 PPM  | 12.9 PPM |

SIDE 18

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 171      | 172      | 173      | 174      | 175      | 176      | 177      | 178       | 179      | 180      |
|----|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %     | .03 %    | .03 %    |
| AL | .75 %    | .36 %    | .98 %    | 1.07 %   | .38 %    | 1.02 %   | .68 %    | .53 %     | .39 %    | .26 %    |
| FE | 1.39 %   | .64 %    | 1.65 %   | 1.90 %   | .70 %    | 1.57 %   | 1.51 %   | 1.01 %    | .79 %    | .59 %    |
| TI | .09 %    | .05 %    | .12 %    | .12 %    | .05 %    | .09 %    | .09 %    | .07 %     | .06 %    | .04 %    |
| MG | .27 %    | .11 %    | .33 %    | .49 %    | .12 %    | .59 %    | .25 %    | .20 %     | .14 %    | .09 %    |
| CA | .31 %    | .15 %    | .69 %    | .43 %    | .24 %    | .92 %    | .28 %    | .25 %     | .21 %    | .16 %    |
| NA | .05 %    | .04 %    | .05 %    | .04 %    | .03 %    | .05 %    | .04 %    | .02 %     | .04 %    | .03 %    |
| K  | .09 %    | .05 %    | .09 %    | .20 %    | .06 %    | .12 %    | .09 %    | .08 %     | .05 %    | .04 %    |
| MN | .05 %    | .01 %    | .04 %    | .07 %    | .01 %    | .07 %    | .05 %    | .02 %     | .02 %    | .02 %    |
| CU | 6.0 PPM  | 2.4 PPM  | 9.4 PPM  | 11.0 PPM | 1.8 PPM  | 12.1 PPM | 3.8 PPM  | 7.8 PPM   | 1.1 PPM  | .9 PPM   |
| ZN | 44.1 PPM | 11.6 PPM | 85.2 PPM | 61.6 PPM | 13.9 PPM | 80.9 PPM | 35.7 PPM | 45.6 PPM  | 17.0 PPM | 10.0 PPM |
| PB | 10.2 PPM | 4.3 PPM  | 11.3 PPM | 17.5 PPM | 5.1 PPM  | 28.5 PPM | 13.7 PPM | 8.2 PPM   | 9.0 PPM  | 7.2 PPM  |
| NI | 8.0 PPM  | 2.2 PPM  | 12.5 PPM | 12.3 PPM | 2.6 PPM  | 17.3 PPM | 7.1 PPM  | 4.6 PPM   | 4.2 PPM  | 2.8 PPM  |
| CO | 18.4 PPM | 3.9 PPM  | 18.9 PPM | 26.0 PPM | 4.3 PPM  | 17.5 PPM | 16.8 PPM | 8.8 PPM   | 6.8 PPM  | 5.6 PPM  |
| V  | 30.0 PPM | 13.9 PPM | 31.1 PPM | 47.2 PPM | 14.0 PPM | 31.5 PPM | 27.5 PPM | 21.2 PPM  | 16.0 PPM | 11.4 PPM |
| MO | 9.1 PPM  | 5.9 PPM  | 8.9 PPM  | 9.3 PPM  | 6.5 PPM  | 10.6 PPM | 9.3 PPM  | 8.5 PPM   | 6.1 PPM  | 5.3 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | 5.0 PPM  | 2.1 PPM  | 1.6 PPM  | 14.2 PPM | .6 PPM   | 5.8 PPM  | 3.4 PPM  | 1.9 PPM   | 1.1 PPM  | <.3 PPM  |
| BA | 63.3 PPM | 41.2 PPM | 54.1 PPM | 71.7 PPM | 21.0 PPM | 81.1 PPM | 52.9 PPM | 172.5 PPM | 44.3 PPM | 37.6 PPM |
| SR | 13.7 PPM | 9.6 PPM  | 28.8 PPM | 15.1 PPM | 12.3 PPM | 24.6 PPM | 13.6 PPM | 16.0 PPM  | 11.3 PPM | 9.7 PPM  |

SIDE 19

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 181      | 182      | 183      | 184      | 185      | 186      | 187      | 188      | 189      | 190      |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | .50 %    | .42 %    | .25 %    | .45 %    | .35 %    | .36 %    | .42 %    | 1.20 %   | .67 %    | .87 %    |
| FE | 1.68 %   | 1.14 %   | .43 %    | .77 %    | .65 %    | .59 %    | .61 %    | 1.75 %   | 1.07 %   | 1.45 %   |
| TI | .06 %    | .05 %    | .04 %    | .06 %    | .05 %    | .05 %    | .06 %    | .12 %    | .08 %    | .10 %    |
| MG | .19 %    | .15 %    | .08 %    | .17 %    | .13 %    | .12 %    | .14 %    | .47 %    | .22 %    | .34 %    |
| CA | .19 %    | .18 %    | .14 %    | .21 %    | .17 %    | .18 %    | .19 %    | .31 %    | .30 %    | .41 %    |
| NA | .04 %    | .03 %    | .03 %    | .04 %    | .03 %    | .04 %    | .04 %    | .05 %    | .03 %    | .05 %    |
| K  | .09 %    | .08 %    | .04 %    | .08 %    | .06 %    | .06 %    | .06 %    | .22 %    | .09 %    | .16 %    |
| MN | .01 %    | .03 %    | .01 %    | .01 %    | .01 %    | .01 %    | .01 %    | .02 %    | .02 %    | .03 %    |
| CU | 1.0 PPM  | 2.7 PPM  | .8 PPM   | 2.8 PPM  | 1.7 PPM  | 2.6 PPM  | 3.7 PPM  | 16.8 PPM | 6.1 PPM  | 9.3 PPM  |
| ZN | 23.5 PPM | 19.9 PPM | 6.9 PPM  | 15.8 PPM | 11.0 PPM | 11.5 PPM | 13.1 PPM | 56.1 PPM | 28.7 PPM | 45.2 PPM |
| PB | 1.1 PPM  | 8.1 PPM  | 2.4 PPM  | 7.9 PPM  | 5.5 PPM  | 6.6 PPM  | 10.3 PPM | 17.4 PPM | 12.7 PPM | 20.2 PPM |
| NI | 5.1 PPM  | 3.7 PPM  | 2.7 PPM  | 5.0 PPM  | 2.1 PPM  | 3.9 PPM  | 5.1 PPM  | 18.0 PPM | 7.5 PPM  | 12.0 PPM |
| CO | 5.3 PPM  | 9.4 PPM  | 2.7 PPM  | 4.1 PPM  | 3.8 PPM  | 3.2 PPM  | 3.3 PPM  | 11.0 PPM | 9.8 PPM  | 14.1 PPM |
| V  | 19.6 PPM | 17.8 PPM | 9.4 PPM  | 16.9 PPM | 13.9 PPM | 14.1 PPM | 15.3 PPM | 41.0 PPM | 23.3 PPM | 32.3 PPM |
| MO | 7.1 PPM  | 6.4 PPM  | 5.3 PPM  | 7.0 PPM  | 5.8 PPM  | 6.4 PPM  | 5.9 PPM  | 10.5 PPM | 7.7 PPM  | 8.1 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | 1.4 PPM  | 3.1 PPM  | 3.0 PPM  | 2.8 PPM  | 3.9 PPM  | 12.1 PPM | 3.9 PPM  | 8.0 PPM  |
| BA | 51.2 PPM | 41.6 PPM | 38.1 PPM | 46.9 PPM | 41.6 PPM | 42.3 PPM | 44.6 PPM | 87.6 PPM | 38.9 PPM | 81.1 PPM |
| SR | 12.2 PPM | 10.7 PPM | 8.7 PPM  | 11.9 PPM | 11.1 PPM | 11.2 PPM | 12.5 PPM | 19.2 PPM | 16.6 PPM | 37.1 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 191      | 192      | 193      | 194      | 195      | 196      | 197      | 198      | 199      | 200       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| SI | .03 %    | .04 %    | .03 %    | .04 %    | .04 %    | .03 %    | .03 %    | .03 %    | .03 %    | .05 %     |
| AL | .76 %    | .63 %    | .94 %    | 1.01 %   | 1.06 %   | 1.00 %   | 1.46 %   | .99 %    | 1.59 %   | 1.64 %    |
| FE | 1.14 %   | .94 %    | 1.68 %   | 1.47 %   | 1.98 %   | 1.93 %   | 1.99 %   | 1.84 %   | 2.48 %   | 2.96 %    |
| TI | .09 %    | .08 %    | .11 %    | .12 %    | .11 %    | .10 %    | .11 %    | .09 %    | .14 %    | .14 %     |
| MG | .35 %    | .25 %    | .45 %    | .42 %    | .44 %    | .40 %    | .71 %    | .50 %    | .96 %    | .92 %     |
| CA | .49 %    | .54 %    | .69 %    | .42 %    | .53 %    | .48 %    | .40 %    | .46 %    | .62 %    | .89 %     |
| NA | .04 %    | .04 %    | .04 %    | .05 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %     |
| K  | .15 %    | .10 %    | .17 %    | .17 %    | .20 %    | .20 %    | .06 %    | .08 %    | .32 %    | .23 %     |
| MN | .02 %    | .02 %    | .03 %    | .02 %    | .05 %    | .08 %    | .02 %    | .02 %    | .07 %    | .09 %     |
| CU | 8.5 PPM  | 6.4 PPM  | 14.2 PPM | 11.0 PPM | 12.7 PPM | 10.9 PPM | 8.7 PPM  | 5.7 PPM  | 12.0 PPM | 16.6 PPM  |
| ZN | 32.2 PPM | 26.1 PPM | 40.7 PPM | 39.1 PPM | 60.7 PPM | 59.9 PPM | 85.4 PPM | 65.3 PPM | 77.3 PPM | 101.7 PPM |
| PB | 16.9 PPM | 14.9 PPM | 18.7 PPM | 12.3 PPM | 26.5 PPM | 29.5 PPM | 6.8 PPM  | 3.6 PPM  | 7.5 PPM  | 11.4 PPM  |
| NI | 9.0 PPM  | 6.0 PPM  | 12.3 PPM | 11.0 PPM | 12.7 PPM | 14.6 PPM | 18.7 PPM | 14.2 PPM | 19.4 PPM | 22.4 PPM  |
| CO | 10.0 PPM | 7.4 PPM  | 11.3 PPM | 9.5 PPM  | 21.6 PPM | 28.8 PPM | 15.9 PPM | 11.6 PPM | 16.4 PPM | 19.0 PPM  |
| V  | 30.3 PPM | 24.5 PPM | 36.0 PPM | 37.1 PPM | 39.2 PPM | 37.8 PPM | 41.1 PPM | 29.9 PPM | 48.0 PPM | 52.0 PPM  |
| MO | 8.8 PPM  | 7.4 PPM  | 9.3 PPM  | 9.4 PPM  | 9.6 PPM  | 12.5 PPM | 11.5 PPM | 9.4 PPM  | 12.5 PPM | 14.8 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  |
| CR | 10.6 PPM | 6.8 PPM  | 8.1 PPM  | 12.5 PPM | 6.4 PPM  | 4.9 PPM  | 15.7 PPM | 7.3 PPM  | 14.6 PPM | 14.5 PPM  |
| BA | 67.4 PPM | 60.0 PPM | 86.8 PPM | 80.5 PPM | 88.1 PPM | 87.0 PPM | 75.0 PPM | 48.7 PPM | 85.5 PPM | 110.4 PPM |
| SR | 40.6 PPM | 35.3 PPM | 23.4 PPM | 40.0 PPM | 69.4 PPM | 50.4 PPM | 28.4 PPM | 29.5 PPM | 31.1 PPM | 48.3 PPM  |

SIDE 21

DATO: 1/2-79

ANALYSE-RAPPORT.  
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NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 201       | 202      | 203      | 204      | 205      | 206       | 207       | 208      | 209      | 210      |
|----|-----------|----------|----------|----------|----------|-----------|-----------|----------|----------|----------|
| SI | .04 %     | .04 %    | .04 %    | .04 %    | .04 %    | .04 %     | .04 %     | .04 %    | .04 %    | .04 %    |
| AL | 1.49 %    | .84 %    | 1.22 %   | .90 %    | .97 %    | 2.06 %    | 2.69 %    | 1.84 %   | 1.30 %   | .99 %    |
| FE | 2.21 %    | 1.62 %   | 2.67 %   | 1.43 %   | 1.46 %   | 2.59 %    | 3.46 %    | 2.68 %   | 2.47 %   | 2.17 %   |
| TI | .17 %     | .11 %    | .15 %    | .11 %    | .12 %    | .18 %     | .25 %     | .17 %    | .13 %    | .09 %    |
| MG | .70 %     | .32 %    | .50 %    | .39 %    | .46 %    | 1.11 %    | 1.43 %    | .96 %    | .60 %    | .43 %    |
| CA | .71 %     | .49 %    | .76 %    | .62 %    | .53 %    | .62 %     | .65 %     | .58 %    | .42 %    | .60 %    |
| NA | .05 %     | .04 %    | .05 %    | .05 %    | .04 %    | .05 %     | .06 %     | .05 %    | .05 %    | .04 %    |
| K  | .31 %     | .07 %    | .11 %    | .08 %    | .13 %    | .42 %     | .56 %     | .33 %    | .16 %    | .11 %    |
| MN | .03 %     | .03 %    | .07 %    | .02 %    | .03 %    | .10 %     | .14 %     | .13 %    | .07 %    | .03 %    |
| CU | 21.8 PPM  | 14.8 PPM | 17.5 PPM | 15.3 PPM | 18.0 PPM | 24.4 PPM  | 27.2 PPM  | 20.8 PPM | 16.5 PPM | 12.4 PPM |
| ZN | 94.7 PPM  | 63.4 PPM | 80.8 PPM | 52.2 PPM | 57.8 PPM | 98.1 PPM  | 122.3 PPM | 92.5 PPM | 68.9 PPM | 44.6 PPM |
| PB | 19.6 PPM  | 14.7 PPM | 10.0 PPM | 8.8 PPM  | 14.1 PPM | 4.2 PPM   | 8.3 PPM   | 6.9 PPM  | 4.3 PPM  | 7.9 PPM  |
| NI | 33.1 PPM  | 9.1 PPM  | 13.3 PPM | 9.6 PPM  | 11.6 PPM | 20.1 PPM  | 29.6 PPM  | 18.4 PPM | 11.6 PPM | 8.3 PPM  |
| CO | 19.2 PPM  | 13.5 PPM | 18.2 PPM | 12.4 PPM | 12.7 PPM | 27.9 PPM  | 36.2 PPM  | 29.8 PPM | 20.2 PPM | 13.8 PPM |
| V  | 53.0 PPM  | 29.9 PPM | 41.9 PPM | 28.7 PPM | 30.5 PPM | 59.1 PPM  | 82.6 PPM  | 59.8 PPM | 47.9 PPM | 37.6 PPM |
| MO | 14.9 PPM  | 15.4 PPM | 18.2 PPM | 14.7 PPM | 13.9 PPM | 16.7 PPM  | 19.8 PPM  | 17.1 PPM | 16.1 PPM | 14.9 PPM |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 19.4 PPM  | <.3 PPM  | <.3 PPM  | 3.1 PPM  | 5.4 PPM  | 14.6 PPM  | 21.1 PPM  | 12.7 PPM | 1.5 PPM  | <.3 PPM  |
| BA | 122.4 PPM | 59.7 PPM | 70.9 PPM | 61.5 PPM | 65.8 PPM | 102.1 PPM | 127.2 PPM | 96.3 PPM | 66.0 PPM | 51.8 PPM |
| SR | 72.4 PPM  | 39.3 PPM | 69.8 PPM | 53.3 PPM | 44.3 PPM | 32.9 PPM  | 31.9 PPM  | 24.7 PPM | 20.6 PPM | 24.0 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVERINGU KJEMISK AVD V/J.R.KROG.

|    | 211      | 212      | 213       | 214       | 215      | 216      | 217      | 218      | 219      | 220      |
|----|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|
| SI | .04 %    | .04 %    | .04 %     | .04 %     | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .03 %    |
| AL | .99 %    | 1.56 %   | 2.19 %    | 1.86 %    | .38 %    | .32 %    | .60 %    | .29 %    | .20 %    | .52 %    |
| FE | 1.34 %   | 2.36 %   | 2.95 %    | 2.95 %    | .89 %    | .68 %    | 1.16 %   | .56 %    | .38 %    | .85 %    |
| TI | .09 %    | .14 %    | .20 %     | .20 %     | .06 %    | .06 %    | .10 %    | .05 %    | .04 %    | .07 %    |
| MG | .49 %    | .80 %    | 1.23 %    | .99 %     | .12 %    | .10 %    | .23 %    | .09 %    | .05 %    | .17 %    |
| CA | .59 %    | .72 %    | .79 %     | .69 %     | .25 %    | .26 %    | .37 %    | .16 %    | .13 %    | .28 %    |
| NA | .05 %    | .05 %    | .05 %     | .05 %     | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    |
| K  | .16 %    | .19 %    | .38 %     | .37 %     | .05 %    | .03 %    | .09 %    | .04 %    | .02 %    | .08 %    |
| MN | .04 %    | .06 %    | .13 %     | .14 %     | .03 %    | .01 %    | .02 %    | .01 %    | .01 %    | .01 %    |
| CU | 13.6 PPM | 20.9 PPM | 20.6 PPM  | 22.5 PPM  | 6.4 PPM  | 7.6 PPM  | 10.3 PPM | 7.8 PPM  | 5.7 PPM  | 8.6 PPM  |
| ZN | 37.3 PPM | 65.0 PPM | 87.1 PPM  | 89.2 PPM  | 18.7 PPM | 11.1 PPM | 19.0 PPM | 10.0 PPM | 6.1 PPM  | 17.4 PPM |
| PB | 9.2 PPM  | 9.6 PPM  | 6.3 PPM   | 12.6 PPM  | 5.2 PPM  | 2.0 PPM  | 5.8 PPM  | 3.0 PPM  | 2.2 PPM  | 7.8 PPM  |
| NI | 9.3 PPM  | 16.1 PPM | 20.4 PPM  | 21.4 PPM  | 3.2 PPM  | 2.2 PPM  | 7.4 PPM  | 1.3 PPM  | 1.3 PPM  | 4.3 PPM  |
| CO | 15.0 PPM | 22.1 PPM | 37.8 PPM  | 45.4 PPM  | 9.1 PPM  | 4.2 PPM  | 6.6 PPM  | 3.1 PPM  | 1.5 PPM  | 5.7 PPM  |
| V  | 33.9 PPM | 53.9 PPM | 64.3 PPM  | 71.4 PPM  | 18.0 PPM | 15.8 PPM | 29.8 PPM | 13.9 PPM | 10.1 PPM | 21.8 PPM |
| MO | 13.2 PPM | 15.2 PPM | 17.4 PPM  | 16.1 PPM  | 8.8 PPM  | 10.0 PPM | 11.2 PPM | 10.1 PPM | 8.6 PPM  | 10.9 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 6.9 PPM  | 10.4 PPM | 16.4 PPM  | 22.7 PPM  | <.3 PPM  | <.3 PPM  | 5.3 PPM  | <.3 PPM  | <.3 PPM  | 2.5 PPM  |
| BA | 69.7 PPM | 54.3 PPM | 121.2 PPM | 140.1 PPM | 37.8 PPM | 32.5 PPM | 44.5 PPM | 39.0 PPM | 30.9 PPM | 46.7 PPM |
| SR | 25.2 PPM | 21.5 PPM | 28.3 PPM  | 28.2 PPM  | 11.9 PPM | 10.5 PPM | 12.4 PPM | 8.6 PPM  | 7.5 PPM  | 12.7 PPM |

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DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 221       | 222      | 223      | 224      | 225      | 226      | 227      | 228      | 229      | 230      |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %     | .04 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .04 %    |
| AL | 2.73 %    | 1.68 %   | 1.13 %   | .75 %    | 1.82 %   | 1.18 %   | 1.22 %   | 1.30 %   | 1.04 %   | 1.20 %   |
| FE | 3.34 %    | 2.69 %   | 2.08 %   | 1.06 %   | 2.49 %   | 2.01 %   | 2.12 %   | 2.18 %   | 1.78 %   | 1.88 %   |
| TI | .23 %     | .15 %    | .11 %    | .10 %    | .22 %    | .14 %    | .14 %    | .12 %    | .10 %    | .10 %    |
| MG | 1.63 %    | .99 %    | .67 %    | .36 %    | 1.08 %   | .58 %    | .59 %    | .58 %    | .46 %    | .46 %    |
| CA | .70 %     | .58 %    | .34 %    | .30 %    | .54 %    | .31 %    | .24 %    | .27 %    | .26 %    | .26 %    |
| NA | .05 %     | .04 %    | .04 %    | .04 %    | .05 %    | .04 %    | .04 %    | .04 %    | .05 %    | .05 %    |
| K  | .57 %     | .31 %    | .18 %    | .15 %    | .54 %    | .29 %    | .32 %    | .34 %    | .26 %    | .17 %    |
| MN | .12 %     | .09 %    | .06 %    | .01 %    | .04 %    | .03 %    | .02 %    | .04 %    | .02 %    | .03 %    |
| CU | 31.7 PPM  | 22.3 PPM | 13.2 PPM | 7.8 PPM  | 40.0 PPM | 12.6 PPM | 11.6 PPM | 15.1 PPM | 15.8 PPM | 22.6 PPM |
| ZN | 102.2 PPM | 60.5 PPM | 42.4 PPM | 23.0 PPM | 61.5 PPM | 43.5 PPM | 47.9 PPM | 57.6 PPM | 44.5 PPM | 50.2 PPM |
| PB | 9.8 PPM   | 10.3 PPM | 7.4 PPM  | 9.6 PPM  | 9.3 PPM  | 12.1 PPM | 10.3 PPM | 13.5 PPM | 22.0 PPM | 39.4 PPM |
| NI | 29.3 PPM  | 29.0 PPM | 22.7 PPM | 5.9 PPM  | 32.8 PPM | 9.5 PPM  | 12.0 PPM | 11.4 PPM | 11.5 PPM | 13.6 PPM |
| CO | 41.8 PPM  | 29.8 PPM | 21.5 PPM | 7.1 PPM  | 21.4 PPM | 12.2 PPM | 11.8 PPM | 19.7 PPM | 11.1 PPM | 16.5 PPM |
| V  | 80.3 PPM  | 58.0 PPM | 47.2 PPM | 26.3 PPM | 57.0 PPM | 45.1 PPM | 43.6 PPM | 42.0 PPM | 35.9 PPM | 37.8 PPM |
| MO | 19.0 PPM  | 16.1 PPM | 13.1 PPM | 10.1 PPM | 15.5 PPM | 12.4 PPM | 12.7 PPM | 13.0 PPM | 13.4 PPM | 14.0 PPM |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 27.9 PPM  | 30.6 PPM | 31.6 PPM | 7.6 PPM  | 32.7 PPM | 8.4 PPM  | 10.8 PPM | 16.4 PPM | 8.3 PPM  | 9.8 PPM  |
| BA | 143.5 PPM | 94.6 PPM | 71.4 PPM | 48.9 PPM | 98.1 PPM | 86.8 PPM | 84.8 PPM | 90.7 PPM | 83.2 PPM | 72.7 PPM |
| SR | 36.4 PPM  | 32.7 PPM | 20.8 PPM | 16.4 PPM | 38.9 PPM | 30.3 PPM | 16.9 PPM | 23.1 PPM | 27.2 PPM | 22.6 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 231       | 232      | 233      | 234      | 235      | 236      | 237      | 238      | 239       | 240       |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| SI | .03 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %     | .04 %     |
| AL | 1.65 %    | .38 %    | .95 %    | .86 %    | .74 %    | .96 %    | .47 %    | .54 %    | .53 %     | .42 %     |
| FE | 2.56 %    | .62 %    | 1.76 %   | 1.75 %   | 1.36 %   | 1.99 %   | 1.26 %   | 1.74 %   | 1.87 %    | 1.72 %    |
| TI | .17 %     | .06 %    | .12 %    | .10 %    | .09 %    | .11 %    | .05 %    | .06 %    | .06 %     | .05 %     |
| MG | .75 %     | .15 %    | .45 %    | .37 %    | .32 %    | .56 %    | .23 %    | .27 %    | .31 %     | .26 %     |
| CA | .51 %     | .19 %    | .50 %    | .33 %    | .32 %    | .59 %    | .32 %    | .41 %    | 1.63 %    | 3.59 %    |
| NA | .05 %     | .04 %    | .05 %    | .04 %    | .04 %    | .04 %    | .03 %    | .04 %    | .03 %     | .03 %     |
| K  | .38 %     | .06 %    | .20 %    | .17 %    | .14 %    | .22 %    | .12 %    | .13 %    | .14 %     | .11 %     |
| MN | .03 %     | .01 %    | .06 %    | .05 %    | .02 %    | .04 %    | .02 %    | .04 %    | .04 %     | .04 %     |
| CU | 30.9 PPM  | 8.5 PPM  | 16.0 PPM | 10.1 PPM | 7.3 PPM  | 20.4 PPM | 11.5 PPM | 16.5 PPM | 20.3 PPM  | 21.2 PPM  |
| ZN | 56.9 PPM  | 13.1 PPM | 47.2 PPM | 42.1 PPM | 32.2 PPM | 55.5 PPM | 47.4 PPM | 58.8 PPM | 64.5 PPM  | 61.7 PPM  |
| PB | 6.2 PPM   | 3.5 PPM  | 15.1 PPM | 16.3 PPM | 6.6 PPM  | 5.9 PPM  | 10.8 PPM | 13.3 PPM | 13.7 PPM  | 26.8 PPM  |
| NI | 23.4 PPM  | 3.7 PPM  | 7.5 PPM  | 7.3 PPM  | 6.7 PPM  | 15.0 PPM | 8.8 PPM  | 11.5 PPM | 16.3 PPM  | 15.4 PPM  |
| CO | 21.3 PPM  | 4.1 PPM  | 18.7 PPM | 16.3 PPM | 7.1 PPM  | 13.0 PPM | 7.1 PPM  | 9.8 PPM  | 10.3 PPM  | 7.7 PPM   |
| V  | 58.9 PPM  | 13.9 PPM | 37.5 PPM | 32.8 PPM | 25.9 PPM | 38.8 PPM | 13.0 PPM | 15.6 PPM | 17.0 PPM  | 15.5 PPM  |
| MO | 14.0 PPM  | 8.0 PPM  | 12.7 PPM | 11.6 PPM | 9.5 PPM  | 11.1 PPM | 10.4 PPM | 10.2 PPM | 11.8 PPM  | 12.3 PPM  |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  |
| CR | 9.5 PPM   | 2.8 PPM  | 4.9 PPM  | 1.8 PPM  | 2.6 PPM  | 3.4 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   | <.3 PPM   |
| BA | 105.1 PPM | 41.9 PPM | 84.3 PPM | 71.2 PPM | 62.5 PPM | 76.6 PPM | 50.1 PPM | 58.0 PPM | 53.0 PPM  | 55.5 PPM  |
| SR | 20.1 PPM  | 13.6 PPM | 38.6 PPM | 23.9 PPM | 21.4 PPM | 34.0 PPM | 22.1 PPM | 31.8 PPM | 104.6 PPM | 247.5 PPM |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 241      | 242      | 243      | 244      | 245      | 246       | 247      | 248      | 249      | 250      |
|----|----------|----------|----------|----------|----------|-----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .04 %     | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | .50 %    | .42 %    | .30 %    | .38 %    | .62 %    | .29 %     | .73 %    | .47 %    | .47 %    | .33 %    |
| FE | 1.88 %   | 1.52 %   | 1.09 %   | .94 %    | 1.29 %   | .92 %     | 1.24 %   | .80 %    | .81 %    | .66 %    |
| TI | .05 %    | .05 %    | .03 %    | .05 %    | .07 %    | .03 %     | .08 %    | .05 %    | .05 %    | .04 %    |
| MG | .26 %    | .20 %    | .13 %    | .11 %    | .20 %    | .18 %     | .40 %    | .28 %    | .24 %    | .22 %    |
| CA | .35 %    | .30 %    | .25 %    | .50 %    | .60 %    | 3.34 %    | .95 %    | .62 %    | .54 %    | .54 %    |
| NA | .04 %    | .04 %    | .04 %    | .03 %    | .04 %    | .03 %     | .08 %    | .07 %    | .07 %    | .07 %    |
| K  | .12 %    | .10 %    | .07 %    | .05 %    | .08 %    | .06 %     | .20 %    | .07 %    | .10 %    | .05 %    |
| MN | .04 %    | .07 %    | .04 %    | .02 %    | .02 %    | .03 %     | .03 %    | .02 %    | .02 %    | .01 %    |
| CU | 18.5 PPM | 16.4 PPM | 10.6 PPM | 8.4 PPM  | 13.6 PPM | 10.4 PPM  | 55.8 PPM | 54.1 PPM | 51.9 PPM | 44.2 PPM |
| ZN | 64.6 PPM | 57.5 PPM | 40.0 PPM | 31.9 PPM | 47.4 PPM | 42.5 PPM  | 43.5 PPM | 26.1 PPM | 31.0 PPM | 20.6 PPM |
| PB | 10.4 PPM | 7.7 PPM  | 7.1 PPM  | 7.4 PPM  | 8.3 PPM  | 9.1 PPM   | 1.3 PPM  | <1.0 PPM | 2.1 PPM  | 3.3 PPM  |
| NI | 14.8 PPM | 11.6 PPM | 6.3 PPM  | 4.1 PPM  | 6.9 PPM  | 5.6 PPM   | 29.6 PPM | 18.6 PPM | 21.5 PPM | 13.5 PPM |
| CD | 8.9 PPM  | 7.1 PPM  | 4.5 PPM  | 5.0 PPM  | 7.1 PPM  | 4.4 PPM   | 17.5 PPM | 13.0 PPM | 13.3 PPM | 9.2 PPM  |
| V  | 13.4 PPM | 12.4 PPM | 8.8 PPM  | 11.9 PPM | 16.4 PPM | 11.0 PPM  | 38.0 PPM | 30.8 PPM | 25.9 PPM | 26.6 PPM |
| MO | 10.6 PPM | 10.2 PPM | 8.7 PPM  | 7.9 PPM  | 10.8 PPM | 9.3 PPM   | 11.2 PPM | 9.1 PPM  | 8.9 PPM  | 7.3 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   | 11.4 PPM | 8.5 PPM  | 4.1 PPM  | 7.0 PPM  |
| BA | 54.3 PPM | 39.3 PPM | 46.7 PPM | 44.0 PPM | 59.0 PPM | 50.1 PPM  | 51.2 PPM | 43.9 PPM | 35.8 PPM | 38.6 PPM |
| SR | 25.2 PPM | 22.5 PPM | 14.4 PPM | 36.6 PPM | 50.7 PPM | 157.8 PPM | 26.2 PPM | 6.3 PPM  | 8.9 PPM  | 3.5 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 251      | 252      | 253      | 254      | 255      | 256      | 257       | 258      | 259      | 260      |
|----|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %     | .03 %    | .03 %    | .03 %    |
| AL | .31 %    | .30 %    | .34 %    | .31 %    | .33 %    | .30 %    | 1.12 %    | .20 %    | .25 %    | 1.38 %   |
| FE | .62 %    | .60 %    | .70 %    | .66 %    | .70 %    | .68 %    | .91 %     | .52 %    | .62 %    | 1.66 %   |
| TI | .05 %    | .04 %    | .04 %    | .05 %    | .05 %    | .06 %    | .08 %     | .04 %    | .04 %    | .10 %    |
| MG | .20 %    | .19 %    | .23 %    | .21 %    | .21 %    | .20 %    | .26 %     | .16 %    | .19 %    | .72 %    |
| CA | .51 %    | .51 %    | .53 %    | .51 %    | .51 %    | .60 %    | .67 %     | .56 %    | .58 %    | .61 %    |
| NA | .06 %    | .06 %    | .07 %    | .07 %    | .06 %    | .06 %    | .06 %     | .06 %    | .06 %    | .11 %    |
| K  | .04 %    | .04 %    | .05 %    | .04 %    | .04 %    | .04 %    | .07 %     | .01 %    | .02 %    | .38 %    |
| MN | .01 %    | .01 %    | .01 %    | .01 %    | .01 %    | .01 %    | .02 %     | .01 %    | .01 %    | .04 %    |
| CU | 46.2 PPM | 44.9 PPM | 56.8 PPM | 50.6 PPM | 89.2 PPM | 96.7 PPM | 141.2 PPM | 43.0 PPM | 44.7 PPM | 54.2 PPM |
| ZN | 19.6 PPM | 19.8 PPM | 25.5 PPM | 19.8 PPM | 36.1 PPM | 33.6 PPM | 45.5 PPM  | 11.4 PPM | 13.9 PPM | 75.0 PPM |
| PB | <1.0 PPM | 2.1 PPM  | <1.0 PPM | 1.9 PPM  | 5.4 PPM  | 1.9 PPM  | 4.0 PPM   | <1.0 PPM | 1.3 PPM  | 6.2 PPM  |
| NI | 14.1 PPM | 13.9 PPM | 17.9 PPM | 14.1 PPM | 18.8 PPM | 17.5 PPM | 34.1 PPM  | 8.8 PPM  | 11.7 PPM | 40.3 PPM |
| CO | 10.5 PPM | 10.5 PPM | 11.9 PPM | 12.4 PPM | 13.3 PPM | 12.6 PPM | 28.5 PPM  | 7.8 PPM  | 8.2 PPM  | 27.4 PPM |
| V  | 24.9 PPM | 24.0 PPM | 26.9 PPM | 25.9 PPM | 24.1 PPM | 24.4 PPM | 31.0 PPM  | 23.1 PPM | 25.9 PPM | 49.3 PPM |
| MO | 7.4 PPM  | 7.4 PPM  | 8.2 PPM  | 6.9 PPM  | 8.1 PPM  | 8.3 PPM  | 10.6 PPM  | 7.8 PPM  | 7.2 PPM  | 12.2 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 7.3 PPM  | 5.2 PPM  | 7.6 PPM  | 7.1 PPM  | 7.1 PPM  | 6.1 PPM  | 6.4 PPM   | 3.8 PPM  | 6.5 PPM  | 16.9 PPM |
| BA | 38.4 PPM | 38.0 PPM | 23.4 PPM | 40.8 PPM | 37.8 PPM | 35.3 PPM | 45.7 PPM  | 35.9 PPM | 32.3 PPM | 98.2 PPM |
| SR | 2.7 PPM  | 2.7 PPM  | 2.3 PPM  | 2.2 PPM  | 1.7 PPM  | 1.8 PPM  | 2.7 PPM   | 1.0 PPM  | 1.5 PPM  | 18.1 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.  
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NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 261      | 262      | 263      | 264      | 265      | 266      | 267      | 268      | 269      | 270      |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | 1.11 %   | 1.48 %   | 1.33 %   | 1.33 %   | 1.12 %   | 1.01 %   | 1.19 %   | 1.33 %   | 1.35 %   | 1.26 %   |
| FE | 1.38 %   | 1.66 %   | 1.68 %   | 1.67 %   | 1.60 %   | 1.40 %   | 1.50 %   | 1.46 %   | 1.34 %   | 1.47 %   |
| TI | .08 %    | .10 %    | .09 %    | .09 %    | .08 %    | .08 %    | .09 %    | .09 %    | .09 %    | .09 %    |
| MG | .56 %    | .71 %    | .67 %    | .60 %    | .64 %    | .59 %    | .66 %    | .63 %    | .60 %    | .64 %    |
| CA | .64 %    | .72 %    | .66 %    | .71 %    | .84 %    | .81 %    | .76 %    | .77 %    | .76 %    | .73 %    |
| NA | .11 %    | .11 %    | .11 %    | .11 %    | .11 %    | .10 %    | .12 %    | .14 %    | .16 %    | .13 %    |
| K  | .31 %    | .36 %    | .38 %    | .33 %    | .34 %    | .33 %    | .40 %    | .35 %    | .35 %    | .39 %    |
| MN | .03 %    | .05 %    | .05 %    | .05 %    | .02 %    | .02 %    | .02 %    | .02 %    | .02 %    | .02 %    |
| CU | 48.2 PPM | 71.3 PPM | 58.3 PPM | 72.6 PPM | 65.4 PPM | 58.6 PPM | 47.2 PPM | 63.9 PPM | 42.0 PPM | 52.8 PPM |
| ZN | 53.4 PPM | 91.2 PPM | 81.1 PPM | 99.0 PPM | 35.9 PPM | 35.2 PPM | 33.5 PPM | 32.9 PPM | 30.9 PPM | 33.5 PPM |
| PB | 5.1 PPM  | 6.6 PPM  | 5.4 PPM  | 7.5 PPM  | 5.4 PPM  | 2.1 PPM  | 2.3 PPM  | 1.5 PPM  | 2.7 PPM  | 3.8 PPM  |
| HI | 28.1 PPM | 45.5 PPM | 42.3 PPM | 52.5 PPM | 23.4 PPM | 20.5 PPM | 22.0 PPM | 24.1 PPM | 22.4 PPM | 22.4 PPM |
| CO | 20.3 PPM | 33.9 PPM | 33.5 PPM | 35.3 PPM | 13.1 PPM | 13.6 PPM | 13.5 PPM | 13.4 PPM | 11.6 PPM | 13.5 PPM |
| V  | 39.9 PPM | 49.4 PPM | 46.4 PPM | 46.8 PPM | 46.7 PPM | 42.4 PPM | 47.8 PPM | 48.2 PPM | 46.9 PPM | 48.0 PPM |
| MO | 12.0 PPM | 13.2 PPM | 11.8 PPM | 12.8 PPM | 12.0 PPM | 11.2 PPM | 11.4 PPM | 12.2 PPM | 11.2 PPM | 11.2 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 14.5 PPM | 16.1 PPM | 15.7 PPM | 14.7 PPM | 16.1 PPM | 14.0 PPM | 17.4 PPM | 18.6 PPM | 20.8 PPM | 17.6 PPM |
| BA | 81.3 PPM | 98.1 PPM | 78.5 PPM | 85.6 PPM | 95.5 PPM | 78.4 PPM | 88.8 PPM | 91.6 PPM | 91.7 PPM | 98.7 PPM |
| SR | 18.5 PPM | 20.3 PPM | 19.6 PPM | 20.7 PPM | 17.6 PPM | 16.0 PPM | 16.2 PPM | 18.1 PPM | 22.5 PPM | 17.7 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 271      | 272       | 273       | 274       | 275      | 276      | 277      | 278      | 279      | 280       |
|----|----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|-----------|
| SI | .03 %    | .04 %     | .05 %     | .04 %     | .03 %    | .03 %    | .05 %    | .03 %    | .04 %    | .04 %     |
| AL | 1.14 %   | .96 %     | .94 %     | .98 %     | .39 %    | .55 %    | .09 %    | .58 %    | .64 %    | .29 %     |
| FE | 1.50 %   | 1.80 %    | 1.76 %    | 1.94 %    | .86 %    | 1.11 %   | 1.77 %   | 1.65 %   | 1.83 %   | 1.63 %    |
| TI | .09 %    | .06 %     | .08 %     | .08 %     | .03 %    | .06 %    | .02 %    | .07 %    | .09 %    | .03 %     |
| MG | .60 %    | .52 %     | .56 %     | .58 %     | .14 %    | .22 %    | .03 %    | .37 %    | .37 %    | .20 %     |
| CA | .76 %    | 1.21 %    | 1.58 %    | 1.34 %    | .38 %    | .68 %    | 1.09 %   | .95 %    | 1.05 %   | 4.13 %    |
| NA | .12 %    | .06 %     | .06 %     | .06 %     | .03 %    | .05 %    | .03 %    | .03 %    | .03 %    | .03 %     |
| K  | .35 %    | .25 %     | .24 %     | .31 %     | .07 %    | .07 %    | .03 %    | .12 %    | .13 %    | .07 %     |
| MN | .02 %    | .02 %     | .02 %     | .02 %     | .01 %    | .03 %    | .03 %    | .04 %    | .06 %    | .05 %     |
| CU | 52.6 PPM | 19.9 PPM  | 15.2 PPM  | 18.4 PPM  | 8.9 PPM  | 23.4 PPM | 14.5 PPM | 15.1 PPM | 18.5 PPM | 21.5 PPM  |
| ZN | 34.3 PPM | 53.1 PPM  | 54.6 PPM  | 58.8 PPM  | 36.3 PPM | 33.1 PPM | 40.3 PPM | 49.6 PPM | 60.8 PPM | 46.9 PPM  |
| PB | 4.9 PPM  | 2.6 PPM   | 3.2 PPM   | 3.3 PPM   | 3.3 PPM  | 4.5 PPM  | 22.1 PPM | 6.5 PPM  | 9.8 PPM  | 31.3 PPM  |
| NI | 23.2 PPM | 10.1 PPM  | 10.7 PPM  | 13.5 PPM  | 4.5 PPM  | 11.8 PPM | 8.5 PPM  | 10.2 PPM | 12.5 PPM | 13.3 PPM  |
| CO | 12.7 PPM | 11.1 PPM  | 12.8 PPM  | 13.8 PPM  | 3.4 PPM  | 7.5 PPM  | 5.3 PPM  | 9.9 PPM  | 9.4 PPM  | 7.2 PPM   |
| V  | 45.1 PPM | 39.6 PPM  | 45.1 PPM  | 45.6 PPM  | 9.8 PPM  | 22.4 PPM | 7.6 PPM  | 23.4 PPM | 21.6 PPM | 12.1 PPM  |
| MO | 10.5 PPM | 13.0 PPM  | 13.0 PPM  | 13.0 PPM  | 8.5 PPM  | 9.6 PPM  | 10.1 PPM | 11.5 PPM | 10.7 PPM | 11.0 PPM  |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  |
| CR | 16.0 PPM | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   |
| BA | 94.0 PPM | 172.1 PPM | 181.1 PPM | 210.1 PPM | 49.4 PPM | 47.1 PPM | 48.5 PPM | 75.2 PPM | 54.4 PPM | 46.6 PPM  |
| SR | 19.9 PPM | 24.5 PPM  | 30.6 PPM  | 29.0 PPM  | 30.1 PPM | 35.0 PPM | 92.1 PPM | 48.9 PPM | 60.1 PPM | 246.4 PPM |

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 281      | 282      | 283       | 284       | 285       | 286       | 287       | 288       | 289       | 290       |
|----|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .03 %    | .03 %    | .04 %     | .04 %     | .03 %     | .03 %     | .03 %     | .04 %     | .03 %     | .04 %     |
| AL | 1.13 %   | .70 %    | 1.95 %    | 2.08 %    | 2.19 %    | 1.71 %    | 1.69 %    | 1.85 %    | 1.11 %    | 1.19 %    |
| FE | 2.42 %   | 1.95 %   | 3.24 %    | 3.45 %    | 3.70 %    | 3.29 %    | 3.19 %    | 3.44 %    | 2.22 %    | 2.22 %    |
| TI | .21 %    | .11 %    | .12 %     | .16 %     | .18 %     | .13 %     | .12 %     | .12 %     | .09 %     | .09 %     |
| MG | .48 %    | .36 %    | 1.09 %    | 1.14 %    | 1.19 %    | .91 %     | .93 %     | 1.02 %    | .51 %     | .50 %     |
| CA | .87 %    | 1.43 %   | .88 %     | .90 %     | .72 %     | .60 %     | .61 %     | .58 %     | .53 %     | .75 %     |
| NA | .04 %    | .03 %    | .05 %     | .05 %     | .05 %     | .05 %     | .04 %     | .04 %     | .04 %     | .05 %     |
| K  | .41 %    | .17 %    | .28 %     | .41 %     | .51 %     | .29 %     | .26 %     | .28 %     | .22 %     | .23 %     |
| MN | .06 %    | .05 %    | .09 %     | .06 %     | .06 %     | .08 %     | .08 %     | .09 %     | .07 %     | .08 %     |
| CU | 16.7 PPM | 25.9 PPM | 32.1 PPM  | 26.4 PPM  | 26.0 PPM  | 47.6 PPM  | 54.6 PPM  | 60.3 PPM  | 26.4 PPM  | 29.3 PPM  |
| ZN | 82.4 PPM | 64.6 PPM | 131.8 PPM | 110.5 PPM | 108.5 PPM | 142.5 PPM | 157.1 PPM | 173.4 PPM | 68.4 PPM  | 54.5 PPM  |
| PB | 7.7 PPM  | 10.3 PPM | 1.2 PPM   | 6.0 PPM   | 4.8 PPM   | 14.7 PPM  | 15.0 PPM  | 22.4 PPM  | 5.7 PPM   | 7.0 PPM   |
| NI | 9.9 PPM  | 21.7 PPM | 23.0 PPM  | 17.4 PPM  | 13.1 PPM  | 28.8 PPM  | 28.8 PPM  | 34.5 PPM  | 16.0 PPM  | 15.8 PPM  |
| CO | 14.5 PPM | 13.4 PPM | 23.3 PPM  | 22.6 PPM  | 23.0 PPM  | 24.5 PPM  | 23.2 PPM  | 27.4 PPM  | 20.3 PPM  | 19.9 PPM  |
| V  | 24.1 PPM | 27.0 PPM | 146.9 PPM | 128.7 PPM | 157.5 PPM | 94.9 PPM  | 89.3 PPM  | 93.8 PPM  | 48.2 PPM  | 45.1 PPM  |
| MO | 11.9 PPM | 12.7 PPM | 16.0 PPM  | 16.6 PPM  | 16.5 PPM  | 15.5 PPM  | 16.1 PPM  | 16.6 PPM  | 11.3 PPM  | 13.4 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | < .3 PPM | < .3 PPM | < .3 PPM  | < .3 PPM  | < .3 PPM  | < .3 PPM  | < .3 PPM  | < .3 PPM  | < .3 PPM  | < .3 PPM  |
| BA | 86.0 PPM | 47.7 PPM | 131.0 PPM | 164.0 PPM | 196.8 PPM | 115.9 PPM | 101.4 PPM | 113.7 PPM | 108.3 PPM | 135.0 PPM |
| SR | 76.0 PPM | 80.6 PPM | 27.7 PPM  | 30.1 PPM  | 26.0 PPM  | 22.2 PPM  | 21.1 PPM  | 20.4 PPM  | 22.9 PPM  | 30.1 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT.  
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NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 291      | 292      | 293      | 294      | 295       | 296      | 297      | 298       | 299      | 300      |
|----|----------|----------|----------|----------|-----------|----------|----------|-----------|----------|----------|
| SI | .04 %    | .03 %    | .03 %    | .03 %    | .03 %     | .03 %    | .03 %    | .03 %     | .03 %    | .03 %    |
| AL | 1.53 %   | 1.43 %   | .93 %    | .92 %    | 1.97 %    | 1.07 %   | 1.08 %   | 1.93 %    | 1.21 %   | 1.10 %   |
| FE | 2.62 %   | 2.83 %   | 2.14 %   | 1.78 %   | 3.33 %    | 1.67 %   | 2.14 %   | 2.77 %    | 2.29 %   | 2.06 %   |
| TI | .13 %    | .13 %    | .08 %    | .08 %    | .13 %     | .09 %    | .09 %    | .12 %     | .10 %    | .09 %    |
| MG | 1.12 %   | 1.00 %   | .40 %    | .38 %    | .97 %     | .51 %    | .48 %    | 1.01 %    | .55 %    | .50 %    |
| CA | .61 %    | .57 %    | .35 %    | .36 %    | .36 %     | .25 %    | .31 %    | .30 %     | .30 %    | .28 %    |
| NA | .05 %    | .03 %    | .04 %    | .04 %    | .04 %     | .03 %    | .03 %    | .03 %     | .03 %    | .04 %    |
| K  | .12 %    | .15 %    | .15 %    | .13 %    | .23 %     | .14 %    | .17 %    | .27 %     | .18 %    | .18 %    |
| MN | .07 %    | .08 %    | .11 %    | .06 %    | .10 %     | .02 %    | .04 %    | .04 %     | .05 %    | .04 %    |
| CU | 30.0 PPM | 31.9 PPM | 24.0 PPM | 23.5 PPM | 32.9 PPM  | 25.9 PPM | 26.3 PPM | 42.9 PPM  | 44.9 PPM | 53.4 PPM |
| ZN | 75.8 PPM | 89.5 PPM | 73.6 PPM | 51.3 PPM | 100.9 PPM | 53.8 PPM | 58.0 PPM | 103.8 PPM | 82.9 PPM | 81.2 PPM |
| PB | 3.4 PPM  | 6.8 PPM  | 9.6 PPM  | 8.4 PPM  | 7.3 PPM   | 10.7 PPM | 7.3 PPM  | 7.9 PPM   | 6.8 PPM  | 6.5 PPM  |
| NI | 30.2 PPM | 31.0 PPM | 32.3 PPM | 20.6 PPM | 33.1 PPM  | 16.0 PPM | 18.6 PPM | 41.7 PPM  | 22.9 PPM | 24.3 PPM |
| CO | 19.0 PPM | 19.6 PPM | 26.7 PPM | 17.7 PPM | 31.8 PPM  | 11.2 PPM | 23.7 PPM | 44.9 PPM  | 29.5 PPM | 26.8 PPM |
| V  | 76.3 PPM | 70.4 PPM | 34.4 PPM | 32.2 PPM | 73.0 PPM  | 37.3 PPM | 35.8 PPM | 59.6 PPM  | 75.4 PPM | 69.4 PPM |
| MO | 14.7 PPM | 14.6 PPM | 11.9 PPM | 12.4 PPM | 16.7 PPM  | 11.9 PPM | 13.0 PPM | 15.3 PPM  | 13.9 PPM | 12.7 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | 22.5 PPM | 17.3 PPM | <.3 PPM  | <.3 PPM  | <.3 PPM   | 3.9 PPM  | <.3 PPM  | 11.9 PPM  | 1.8 PPM  | 1.7 PPM  |
| BA | 71.0 PPM | 51.5 PPM | 67.8 PPM | 69.3 PPM | 78.1 PPM  | 50.9 PPM | 57.6 PPM | 58.9 PPM  | 72.7 PPM | 74.5 PPM |
| SR | 25.8 PPM | 29.6 PPM | 15.4 PPM | 15.8 PPM | 14.4 PPM  | 10.8 PPM | 13.3 PPM | 8.9 PPM   | 11.4 PPM | 10.4 PPM |

SIDE 31

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 301       | 302      | 303      | 304      | 305      | 306      | 307       | 308       | 309      | 310      |
|----|-----------|----------|----------|----------|----------|----------|-----------|-----------|----------|----------|
| SI | .04 %     | .04 %    | .04 %    | .04 %    | .04 %    | .03 %    | .03 %     | .03 %     | .04 %    | .04 %    |
| AL | 1.59 %    | 1.79 %   | 1.76 %   | 1.33 %   | 1.51 %   | .62 %    | 2.49 %    | 2.91 %    | .66 %    | 1.06 %   |
| FE | 2.40 %    | 2.77 %   | 2.48 %   | 2.32 %   | 2.30 %   | 1.25 %   | 2.65 %    | 3.21 %    | .88 %    | 2.17 %   |
| TI | .13 %     | .13 %    | .12 %    | .11 %    | .11 %    | .06 %    | .19 %     | .22 %     | .05 %    | .07 %    |
| MG | .93 %     | .95 %    | .82 %    | .61 %    | .86 %    | .26 %    | 1.41 %    | 1.83 %    | .30 %    | .59 %    |
| CA | .72 %     | .68 %    | .51 %    | .57 %    | .82 %    | .44 %    | .79 %     | .97 %     | .45 %    | .36 %    |
| NA | .05 %     | .04 %    | .04 %    | .04 %    | .03 %    | .05 %    | .04 %     | .05 %     | .05 %    | .03 %    |
| K  | .30 %     | .18 %    | .08 %    | .11 %    | .16 %    | .10 %    | .28 %     | .41 %     | .08 %    | .10 %    |
| MN | .07 %     | .10 %    | .05 %    | .06 %    | .09 %    | .05 %    | .05 %     | .09 %     | .01 %    | .06 %    |
| CU | 29.3 PPM  | 24.6 PPM | 23.9 PPM | 23.3 PPM | 26.3 PPM | 26.2 PPM | 27.7 PPM  | 43.9 PPM  | 17.8 PPM | 29.8 PPM |
| ZN | 78.6 PPM  | 90.7 PPM | 96.2 PPM | 57.1 PPM | 71.7 PPM | 29.0 PPM | 89.4 PPM  | 132.0 PPM | 32.7 PPM | 92.3 PPM |
| PB | 15.2 PPM  | 8.4 PPM  | 11.6 PPM | 10.4 PPM | 8.3 PPM  | 10.2 PPM | <1.0 PPM  | 1.3 PPM   | 3.5 PPM  | 7.0 PPM  |
| NI | 19.2 PPM  | 26.4 PPM | 19.3 PPM | 15.2 PPM | 18.4 PPM | 11.8 PPM | 17.5 PPM  | 38.3 PPM  | 7.6 PPM  | 22.2 PPM |
| CO | 16.2 PPM  | 19.1 PPM | 16.4 PPM | 14.9 PPM | 17.6 PPM | 8.7 PPM  | 21.1 PPM  | 28.4 PPM  | 6.7 PPM  | 13.4 PPM |
| V  | 54.2 PPM  | 50.4 PPM | 44.8 PPM | 38.7 PPM | 43.0 PPM | 21.0 PPM | 64.0 PPM  | 88.6 PPM  | 20.9 PPM | 28.3 PPM |
| MO | 15.6 PPM  | 15.8 PPM | 13.8 PPM | 14.7 PPM | 14.7 PPM | 10.5 PPM | 15.4 PPM  | 19.0 PPM  | 11.5 PPM | 14.6 PPM |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | 14.8 PPM  | 6.1 PPM  | 10.7 PPM | 1.8 PPM  | 4.2 PPM  | 1.2 PPM  | 15.4 PPM  | 34.6 PPM  | 3.4 PPM  | <.3 PPM  |
| BA | 124.1 PPM | 96.7 PPM | 68.9 PPM | 62.1 PPM | 81.2 PPM | 64.3 PPM | 103.1 PPM | 126.7 PPM | 33.3 PPM | 56.0 PPM |
| SR | 38.0 PPM  | 38.0 PPM | 32.3 PPM | 33.7 PPM | 37.4 PPM | 25.1 PPM | 43.4 PPM  | 42.3 PPM  | 18.6 PPM | 17.8 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 311      | 312      | 313      | 314       | 315      | 316       | 317       | 318       | 319      | 320      |
|----|----------|----------|----------|-----------|----------|-----------|-----------|-----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .04 %     | .04 %    | .04 %     | .03 %     | .05 %     | .03 %    | .04 %    |
| AL | .90 %    | .98 %    | 1.02 %   | 1.26 %    | 1.31 %   | 1.52 %    | 1.44 %    | .76 %     | 2.02 %   | 2.04 %   |
| FE | 1.90 %   | 1.99 %   | 2.13 %   | 3.00 %    | 2.14 %   | 3.07 %    | 2.52 %    | 2.30 %    | 2.78 %   | 3.05 %   |
| TI | .06 %    | .07 %    | .07 %    | .08 %     | .08 %    | .08 %     | .13 %     | .04 %     | .12 %    | .13 %    |
| MG | .50 %    | .53 %    | .53 %    | .64 %     | .81 %    | .93 %     | .90 %     | .42 %     | 1.26 %   | 1.21 %   |
| CA | .36 %    | .37 %    | .34 %    | .42 %     | .70 %    | .61 %     | .68 %     | .77 %     | .55 %    | .60 %    |
| NA | .04 %    | .04 %    | .04 %    | .04 %     | .03 %    | .03 %     | .03 %     | .03 %     | .04 %    | .03 %    |
| K  | .09 %    | .08 %    | .08 %    | .12 %     | .13 %    | .11 %     | .12 %     | .04 %     | .19 %    | .21 %    |
| MN | .05 %    | .06 %    | .06 %    | .14 %     | .08 %    | .43 %     | .21 %     | .20 %     | .04 %    | .05 %    |
| CU | 31.8 PPM | 25.7 PPM | 27.0 PPM | 42.4 PPM  | 23.4 PPM | 38.0 PPM  | 34.5 PPM  | 20.6 PPM  | 27.5 PPM | 29.3 PPM |
| ZN | 79.8 PPM | 79.1 PPM | 86.8 PPM | 126.9 PPM | 93.5 PPM | 98.0 PPM  | 158.9 PPM | 117.1 PPM | 89.0 PPM | 92.6 PPM |
| PB | 6.6 PPM  | 7.4 PPM  | 7.5 PPM  | 18.9 PPM  | 7.4 PPM  | 9.3 PPM   | 6.0 PPM   | 9.1 PPM   | 7.4 PPM  | 5.6 PPM  |
| NI | 18.0 PPM | 18.2 PPM | 21.8 PPM | 27.8 PPM  | 25.9 PPM | 38.9 PPM  | 16.4 PPM  | 13.0 PPM  | 30.8 PPM | 31.0 PPM |
| CO | 12.0 PPM | 11.9 PPM | 12.8 PPM | 18.8 PPM  | 16.4 PPM | 18.2 PPM  | 17.7 PPM  | 10.6 PPM  | 14.8 PPM | 16.4 PPM |
| V  | 25.1 PPM | 27.1 PPM | 28.2 PPM | 36.6 PPM  | 37.1 PPM | 48.2 PPM  | 55.6 PPM  | 25.0 PPM  | 53.0 PPM | 56.3 PPM |
| MO | 13.5 PPM | 14.0 PPM | 14.2 PPM | 15.6 PPM  | 15.5 PPM | 16.4 PPM  | 15.3 PPM  | 16.3 PPM  | 15.8 PPM | 16.0 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   | 6.6 PPM  | 17.4 PPM  | .4 PPM    | <.3 PPM   | 14.7 PPM | 10.8 PPM |
| BA | 54.0 PPM | 54.3 PPM | 62.7 PPM | 78.9 PPM  | 52.6 PPM | 175.5 PPM | 105.6 PPM | 89.5 PPM  | 71.9 PPM | 87.2 PPM |
| SR | 17.9 PPM | 17.6 PPM | 16.8 PPM | 21.8 PPM  | 23.2 PPM | 22.0 PPM  | 21.2 PPM  | 23.0 PPM  | 19.8 PPM | 24.5 PPM |

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DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 321      | 322       | 323      | 324      | 325      | 326      | 327       | 328       | 329       | 330       |
|----|----------|-----------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|
| SI | .03 %    | .04 %     | .03 %    | .03 %    | .03 %    | .03 %    | .04 %     | .03 %     | .03 %     | .04 %     |
| AL | 1.74 %   | 2.26 %    | 1.79 %   | 1.63 %   | 1.68 %   | 1.14 %   | 1.07 %    | 1.16 %    | 1.06 %    | 1.98 %    |
| FE | 2.58 %   | 3.19 %    | 2.76 %   | 2.65 %   | 3.61 %   | 2.01 %   | 1.89 %    | 1.96 %    | 1.70 %    | 2.67 %    |
| TI | .11 %    | .18 %     | .11 %    | .09 %    | .12 %    | .11 %    | .07 %     | .07 %     | .04 %     | .15 %     |
| MG | 1.04 %   | 1.14 %    | 1.14 %   | 1.07 %   | 1.15 %   | .52 %    | .54 %     | .55 %     | .58 %     | 1.28 %    |
| CA | .62 %    | .80 %     | .60 %    | .58 %    | .54 %    | .70 %    | .54 %     | .51 %     | .51 %     | .88 %     |
| NA | .03 %    | .04 %     | .03 %    | .03 %    | .03 %    | .04 %    | .03 %     | .03 %     | .04 %     | .04 %     |
| K  | .19 %    | .41 %     | .18 %    | .15 %    | .28 %    | .18 %    | .06 %     | .04 %     | .05 %     | .18 %     |
| MN | .04 %    | .05 %     | .07 %    | .08 %    | .09 %    | .03 %    | .04 %     | .07 %     | .05 %     | .13 %     |
| CU | 23.5 PPM | 33.6 PPM  | 29.8 PPM | 31.9 PPM | 20.6 PPM | 24.9 PPM | 59.3 PPM  | 35.9 PPM  | 33.5 PPM  | 43.0 PPM  |
| ZN | 77.9 PPM | 92.6 PPM  | 89.6 PPM | 89.8 PPM | 86.4 PPM | 47.4 PPM | 182.9 PPM | 143.7 PPM | 171.7 PPM | 158.5 PPM |
| PB | 11.0 PPM | 6.5 PPM   | 12.6 PPM | 10.1 PPM | 8.6 PPM  | 8.8 PPM  | 17.8 PPM  | 8.8 PPM   | 11.6 PPM  | 7.2 PPM   |
| NI | 25.6 PPM | 26.0 PPM  | 30.4 PPM | 31.5 PPM | 29.0 PPM | 13.6 PPM | 27.4 PPM  | 17.3 PPM  | 19.9 PPM  | 14.0 PPM  |
| CO | 14.4 PPM | 19.3 PPM  | 18.0 PPM | 16.0 PPM | 14.9 PPM | 12.5 PPM | 11.3 PPM  | 12.5 PPM  | 11.1 PPM  | 20.6 PPM  |
| V  | 46.6 PPM | 64.0 PPM  | 50.4 PPM | 41.1 PPM | 44.8 PPM | 45.5 PPM | 34.9 PPM  | 40.9 PPM  | 35.5 PPM  | 68.1 PPM  |
| MO | 15.3 PPM | 17.6 PPM  | 14.5 PPM | 15.5 PPM | 15.5 PPM | 12.5 PPM | 15.5 PPM  | 14.5 PPM  | 14.6 PPM  | 16.9 PPM  |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 9.0 PPM  | 1.2 PPM   | 11.9 PPM | 10.4 PPM | 5.3 PPM  | .4 PPM   | 4.2 PPM   | 5.1 PPM   | 8.9 PPM   | < .3 PPM  |
| BA | 70.1 PPM | 120.9 PPM | 76.4 PPM | 74.4 PPM | 73.5 PPM | 83.1 PPM | 54.7 PPM  | 55.2 PPM  | 56.2 PPM  | 112.8 PPM |
| SR | 21.1 PPM | 29.7 PPM  | 21.9 PPM | 21.6 PPM | 19.4 PPM | 29.1 PPM | 18.7 PPM  | 17.7 PPM  | 16.3 PPM  | 30.2 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSHR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 331       | 332      | 333       | 334       | 335       | 336       | 337       | 338       | 339       | 340       |
|----|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .04 %     | .03 %    | .04 %     | .03 %     | .04 %     | .03 %     | .03 %     | .03 %     | .05 %     | .03 %     |
| AL | 2.05 %    | 1.01 %   | 1.23 %    | 1.84 %    | 1.44 %    | 1.48 %    | 1.73 %    | 1.69 %    | 2.42 %    | 2.08 %    |
| FE | 2.88 %    | 2.06 %   | 1.45 %    | 2.04 %    | 1.94 %    | 1.58 %    | 1.59 %    | 1.64 %    | 2.10 %    | 1.80 %    |
| TI | .14 %     | .08 %    | .10 %     | .16 %     | .13 %     | .11 %     | .13 %     | .13 %     | .16 %     | .13 %     |
| MG | 1.53 %    | .50 %    | .57 %     | .91 %     | .70 %     | .71 %     | .80 %     | .77 %     | 1.01 %    | .84 %     |
| CA | 1.18 %    | .43 %    | 1.37 %    | .64 %     | .95 %     | .61 %     | .57 %     | .53 %     | .48 %     | .46 %     |
| NA | .04 %     | .04 %    | .10 %     | .11 %     | .11 %     | .10 %     | .11 %     | .11 %     | .12 %     | .11 %     |
| K  | .25 %     | .19 %    | .32 %     | .54 %     | .42 %     | .44 %     | .45 %     | .45 %     | .63 %     | .48 %     |
| MN | .14 %     | .05 %    | .03 %     | .04 %     | .03 %     | .03 %     | .03 %     | .03 %     | .04 %     | .03 %     |
| CU | 60.6 PPM  | 45.2 PPM | 58.1 PPM  | 78.1 PPM  | 69.5 PPM  | 62.9 PPM  | 61.6 PPM  | 68.0 PPM  | 103.5 PPM | 87.1 PPM  |
| ZN | 103.5 PPM | 68.1 PPM | 51.0 PPM  | 80.3 PPM  | 70.4 PPM  | 56.6 PPM  | 61.1 PPM  | 65.5 PPM  | 97.1 PPM  | 76.3 PPM  |
| PB | <1.0 PPM  | 8.7 PPM  | 7.1 PPM   | 8.6 PPM   | 5.6 PPM   | 7.1 PPM   | 3.2 PPM   | 4.5 PPM   | 5.3 PPM   | 7.8 PPM   |
| NI | 43.6 PPM  | 20.5 PPM | 45.2 PPM  | 72.3 PPM  | 62.9 PPM  | 55.2 PPM  | 58.4 PPM  | 66.5 PPM  | 89.4 PPM  | 73.0 PPM  |
| CO | 26.8 PPM  | 15.3 PPM | 22.0 PPM  | 37.7 PPM  | 31.7 PPM  | 29.6 PPM  | 30.4 PPM  | 34.9 PPM  | 50.2 PPM  | 40.4 PPM  |
| V  | 79.4 PPM  | 35.6 PPM | 42.6 PPM  | 63.7 PPM  | 52.4 PPM  | 51.0 PPM  | 54.5 PPM  | 54.8 PPM  | 69.0 PPM  | 56.9 PPM  |
| MO | 16.6 PPM  | 13.8 PPM | 12.6 PPM  | 13.3 PPM  | 11.8 PPM  | 11.7 PPM  | 12.0 PPM  | 12.0 PPM  | 13.6 PPM  | 13.6 PPM  |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 28.3 PPM  | <.3 PPM  | 18.5 PPM  | 40.8 PPM  | 26.2 PPM  | 29.8 PPM  | 33.1 PPM  | 33.4 PPM  | 43.7 PPM  | 35.1 PPM  |
| BA | 104.3 PPM | 74.5 PPM | 108.0 PPM | 159.4 PPM | 130.8 PPM | 124.9 PPM | 131.6 PPM | 132.4 PPM | 170.4 PPM | 134.3 PPM |
| SR | 24.8 PPM  | 17.7 PPM | 57.1 PPM  | 24.0 PPM  | 43.9 PPM  | 17.8 PPM  | 18.8 PPM  | 18.8 PPM  | 21.4 PPM  | 20.5 PPM  |

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 341       | 342       | 343       | 344       | 345       | 346      | 347       | 348      | 349       | 350      |
|----|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|----------|
| SI | .03 %     | .05 %     | .04 %     | .03 %     | .04 %     | .04 %    | .04 %     | .03 %    | .04 %     | .04 %    |
| AL | 2.95 %    | 3.16 %    | 3.80 %    | 3.29 %    | 2.13 %    | 1.39 %   | 1.22 %    | .63 %    | 1.20 %    | .77 %    |
| FE | 2.31 %    | 2.40 %    | 2.55 %    | 2.23 %    | 1.97 %    | 1.37 %   | 1.55 %    | 1.10 %   | 1.81 %    | 1.22 %   |
| TI | .17 %     | .17 %     | .18 %     | .15 %     | .14 %     | .12 %    | .10 %     | .12 %    | .10 %     | .05 %    |
| MG | 1.22 %    | 1.22 %    | 1.33 %    | 1.11 %    | 1.02 %    | .66 %    | .56 %     | .41 %    | .69 %     | .52 %    |
| CA | .50 %     | .54 %     | .69 %     | .55 %     | .53 %     | .56 %    | .47 %     | .64 %    | .66 %     | .79 %    |
| NA | .14 %     | .15 %     | .19 %     | .13 %     | .09 %     | .10 %    | .06 %     | .07 %    | .08 %     | .09 %    |
| K  | .71 %     | .64 %     | .83 %     | .63 %     | .47 %     | .26 %    | .29 %     | .11 %    | .28 %     | .11 %    |
| MN | .05 %     | .05 %     | .04 %     | .05 %     | .03 %     | .03 %    | .04 %     | .03 %    | .04 %     | .02 %    |
| CU | 139.2 PPM | 140.3 PPM | 133.4 PPM | 183.0 PPM | 61.4 PPM  | 42.6 PPM | 31.3 PPM  | 69.1 PPM | 80.3 PPM  | 67.0 PPM |
| ZN | 107.1 PPM | 100.0 PPM | 84.4 PPM  | 117.6 PPM | 75.2 PPM  | 50.2 PPM | 53.8 PPM  | 30.4 PPM | 61.1 PPM  | 35.1 PPM |
| PB | 6.5 PPM   | 8.5 PPM   | 3.9 PPM   | 2.4 PPM   | 6.5 PPM   | 6.5 PPM  | 7.8 PPM   | 3.0 PPM  | 6.8 PPM   | 2.0 PPM  |
| NI | 109.8 PPM | 97.6 PPM  | 97.1 PPM  | 118.4 PPM | 59.7 PPM  | 25.5 PPM | 31.0 PPM  | 23.8 PPM | 50.4 PPM  | 20.8 PPM |
| CO | 57.4 PPM  | 55.9 PPM  | 41.0 PPM  | 67.8 PPM  | 33.6 PPM  | 14.9 PPM | 19.2 PPM  | 18.5 PPM | 33.0 PPM  | 12.6 PPM |
| V  | 77.3 PPM  | 81.1 PPM  | 85.0 PPM  | 73.2 PPM  | 63.0 PPM  | 45.5 PPM | 46.3 PPM  | 43.9 PPM | 59.1 PPM  | 39.5 PPM |
| MO | 14.6 PPM  | 15.2 PPM  | 16.6 PPM  | 15.2 PPM  | 12.0 PPM  | 12.9 PPM | 13.1 PPM  | 11.9 PPM | 13.6 PPM  | 11.6 PPM |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM |
| CR | 52.5 PPM  | 53.2 PPM  | 47.7 PPM  | 43.8 PPM  | 42.2 PPM  | 26.6 PPM | 24.6 PPM  | 14.0 PPM | 30.8 PPM  | 21.2 PPM |
| BA | 184.4 PPM | 158.2 PPM | 232.1 PPM | 180.6 PPM | 129.9 PPM | 98.3 PPM | 114.5 PPM | 61.6 PPM | 105.7 PPM | 75.5 PPM |
| SR | 22.7 PPM  | 25.6 PPM  | 33.5 PPM  | 23.5 PPM  | 19.2 PPM  | 16.3 PPM | 13.4 PPM  | 2.7 PPM  | 7.6 PPM   | 18.2 PPM |

SIDE 36

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 351      | 352      | 353       | 354      | 355      | 356       | 357       | 358       | 359       | 360      |
|----|----------|----------|-----------|----------|----------|-----------|-----------|-----------|-----------|----------|
| SI | .03 %    | .03 %    | .03 %     | .03 %    | .03 %    | .03 %     | .03 %     | .03 %     | .03 %     | .03 %    |
| AL | .62 %    | .64 %    | .93 %     | 1.06 %   | 1.22 %   | 1.39 %    | 2.83 %    | 1.42 %    | 1.78 %    | 1.04 %   |
| FE | 1.05 %   | 1.11 %   | 1.45 %    | 1.49 %   | 1.56 %   | 1.77 %    | 2.31 %    | 1.99 %    | 1.99 %    | 1.57 %   |
| TI | .04 %    | .04 %    | .07 %     | .06 %    | .08 %    | .10 %     | .17 %     | .11 %     | .12 %     | .08 %    |
| MG | .39 %    | .40 %    | .31 %     | .55 %    | .70 %    | .78 %     | 1.28 %    | .80 %     | .83 %     | .58 %    |
| CA | .71 %    | .67 %    | .35 %     | .72 %    | .68 %    | .76 %     | .59 %     | .61 %     | .56 %     | .71 %    |
| NA | .08 %    | .08 %    | .04 %     | .08 %    | .10 %    | .10 %     | .17 %     | .07 %     | .11 %     | .06 %    |
| K  | .11 %    | .12 %    | .29 %     | .26 %    | .32 %    | .33 %     | .45 %     | .37 %     | .38 %     | .26 %    |
| MN | .02 %    | .02 %    | .02 %     | .02 %    | .02 %    | .03 %     | .03 %     | .02 %     | .03 %     | .02 %    |
| CU | 55.4 PPM | 54.7 PPM | 23.8 PPM  | 47.2 PPM | 59.4 PPM | 57.4 PPM  | 34.9 PPM  | 47.2 PPM  | 54.6 PPM  | 40.9 PPM |
| ZN | 31.6 PPM | 31.7 PPM | 42.2 PPM  | 40.0 PPM | 48.4 PPM | 60.7 PPM  | 58.7 PPM  | 54.8 PPM  | 62.8 PPM  | 41.7 PPM |
| PB | 7.4 PPM  | 5.9 PPM  | 12.3 PPM  | 3.6 PPM  | 7.9 PPM  | 5.2 PPM   | 1.6 PPM   | 7.8 PPM   | 6.9 PPM   | 4.8 PPM  |
| NI | 18.0 PPM | 18.9 PPM | 15.3 PPM  | 16.0 PPM | 24.3 PPM | 27.0 PPM  | 42.1 PPM  | 22.4 PPM  | 32.7 PPM  | 17.2 PPM |
| CO | 9.8 PPM  | 10.4 PPM | 10.5 PPM  | 13.6 PPM | 16.2 PPM | 19.8 PPM  | 19.6 PPM  | 21.6 PPM  | 19.9 PPM  | 16.7 PPM |
| V  | 31.8 PPM | 31.9 PPM | 24.2 PPM  | 46.6 PPM | 51.2 PPM | 58.0 PPM  | 81.4 PPM  | 63.7 PPM  | 65.2 PPM  | 50.7 PPM |
| MO | 9.6 PPM  | 9.5 PPM  | 10.7 PPM  | 11.5 PPM | 12.4 PPM | 12.7 PPM  | 15.0 PPM  | 12.2 PPM  | 12.1 PPM  | 12.6 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM |
| CR | 15.7 PPM | 14.9 PPM | < .3 PPM  | 7.2 PPM  | 19.1 PPM | 20.2 PPM  | 51.2 PPM  | 4.7 PPM   | 25.8 PPM  | 2.7 PPM  |
| BA | 61.2 PPM | 64.2 PPM | 101.9 PPM | 88.4 PPM | 96.8 PPM | 102.7 PPM | 175.0 PPM | 113.4 PPM | 104.6 PPM | 71.9 PPM |
| SR | 17.1 PPM | 17.1 PPM | 27.8 PPM  | 12.8 PPM | 12.9 PPM | 14.4 PPM  | 26.4 PPM  | 8.3 PPM   | 16.5 PPM  | 8.8 PPM  |

SIDE 37

DATO: 1/2-79

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSOKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 361      | 362       | 363      | 364       | 365      | 366      | 367       | 368       | 369      | 370       |
|----|----------|-----------|----------|-----------|----------|----------|-----------|-----------|----------|-----------|
| SI | .03 %    | .04 %     | .03 %    | .03 %     | .03 %    | .04 %    | .03 %     | .03 %     | .03 %    | .03 %     |
| AL | .83 %    | 1.48 %    | 1.43 %   | 1.35 %    | 1.27 %   | .66 %    | 1.91 %    | 1.57 %    | 1.43 %   | 1.75 %    |
| FE | 1.95 %   | 1.71 %    | 1.74 %   | 1.75 %    | 1.60 %   | 2.14 %   | 2.24 %    | 1.80 %    | 1.60 %   | 2.00 %    |
| TI | .06 %    | .09 %     | .10 %    | .11 %     | .10 %    | .08 %    | .13 %     | .11 %     | .09 %    | .12 %     |
| MG | .26 %    | .45 %     | .71 %    | .68 %     | .60 %    | .28 %    | .97 %     | .78 %     | .68 %    | .80 %     |
| CA | .39 %    | .49 %     | .67 %    | .60 %     | .54 %    | .62 %    | .88 %     | .80 %     | .65 %    | .61 %     |
| NA | .04 %    | .07 %     | .10 %    | .10 %     | .10 %    | .05 %    | .14 %     | .13 %     | .11 %    | .11 %     |
| K  | .12 %    | .27 %     | .29 %    | .29 %     | .23 %    | .12 %    | .50 %     | .41 %     | .30 %    | .40 %     |
| MN | .05 %    | .08 %     | .03 %    | .05 %     | .03 %    | .04 %    | .03 %     | .02 %     | .03 %    | .05 %     |
| CU | 32.8 PPM | 117.5 PPM | 51.9 PPM | 52.6 PPM  | 32.7 PPM | 33.9 PPM | 82.8 PPM  | 64.8 PPM  | 63.8 PPM | 76.7 PPM  |
| ZN | 59.7 PPM | 136.6 PPM | 53.5 PPM | 64.4 PPM  | 48.8 PPM | 72.5 PPM | 59.3 PPM  | 47.3 PPM  | 88.0 PPM | 136.3 PPM |
| PB | 27.0 PPM | 21.3 PPM  | 5.1 PPM  | 8.0 PPM   | 7.0 PPM  | 12.2 PPM | 1.9 PPM   | 3.8 PPM   | 6.2 PPM  | 4.6 PPM   |
| NI | 15.6 PPM | 56.0 PPM  | 31.5 PPM | 33.2 PPM  | 25.9 PPM | 25.6 PPM | 40.7 PPM  | 28.1 PPM  | 58.3 PPM | 81.8 PPM  |
| CO | 10.6 PPM | 65.7 PPM  | 18.9 PPM | 23.5 PPM  | 14.7 PPM | 13.4 PPM | 21.0 PPM  | 16.7 PPM  | 22.3 PPM | 34.4 PPM  |
| V  | 23.5 PPM | 39.2 PPM  | 56.0 PPM | 55.8 PPM  | 50.0 PPM | 26.1 PPM | 66.9 PPM  | 55.4 PPM  | 50.0 PPM | 56.8 PPM  |
| MO | 12.2 PPM | 13.0 PPM  | 13.1 PPM | 12.7 PPM  | 11.6 PPM | 12.7 PPM | 13.9 PPM  | 11.9 PPM  | 11.2 PPM | 12.2 PPM  |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  |
| CR | <.3 PPM  | 6.5 PPM   | 21.1 PPM | 21.4 PPM  | 22.0 PPM | <.3 PPM  | 25.6 PPM  | 20.3 PPM  | 19.0 PPM | 21.9 PPM  |
| BA | 75.4 PPM | 94.1 PPM  | 96.4 PPM | 100.2 PPM | 87.1 PPM | 71.7 PPM | 130.1 PPM | 109.4 PPM | 87.7 PPM | 102.2 PPM |
| SR | 22.8 PPM | 17.8 PPM  | 16.8 PPM | 15.4 PPM  | 16.0 PPM | 42.1 PPM | 25.1 PPM  | 22.0 PPM  | 18.8 PPM | 20.3 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 371       | 372       | 373      | 374      | 375       | 376       | 377       | 378       | 379       | 380       |
|----|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .04 %     | .03 %     | .03 %    | .04 %    | .03 %     | .03 %     | .04 %     | .03 %     | .03 %     | .03 %     |
| AL | 1.45 %    | 1.61 %    | 1.25 %   | 1.21 %   | 1.23 %    | 1.19 %    | 1.32 %    | 1.35 %    | 1.25 %    | 1.61 %    |
| FE | 1.86 %    | 1.89 %    | 1.54 %   | 1.51 %   | 3.35 %    | 3.46 %    | 3.37 %    | 3.17 %    | 2.71 %    | 2.53 %    |
| TI | .10 %     | .11 %     | .09 %    | .09 %    | .10 %     | .06 %     | .07 %     | .08 %     | .09 %     | .10 %     |
| MG | .68 %     | .77 %     | .60 %    | .56 %    | .67 %     | .63 %     | .69 %     | .69 %     | .61 %     | .89 %     |
| CA | .63 %     | .66 %     | .71 %    | .70 %    | .42 %     | .30 %     | .36 %     | .34 %     | .38 %     | .32 %     |
| NA | .11 %     | .12 %     | .10 %    | .11 %    | .04 %     | .03 %     | .03 %     | .03 %     | .03 %     | .04 %     |
| K  | .35 %     | .41 %     | .28 %    | .27 %    | .15 %     | .11 %     | .12 %     | .15 %     | .14 %     | .17 %     |
| MN | .06 %     | .05 %     | .04 %    | .04 %    | .10 %     | .14 %     | .13 %     | .14 %     | .11 %     | .05 %     |
| CU | 72.9 PPM  | 73.2 PPM  | 63.5 PPM | 58.3 PPM | 84.5 PPM  | 83.9 PPM  | 90.7 PPM  | 68.5 PPM  | 46.1 PPM  | 38.6 PPM  |
| ZN | 107.5 PPM | 101.6 PPM | 71.4 PPM | 65.1 PPM | 130.7 PPM | 127.9 PPM | 131.3 PPM | 140.0 PPM | 103.3 PPM | 130.6 PPM |
| PB | 11.1 PPM  | 6.4 PPM   | 6.5 PPM  | 6.8 PPM  | 13.6 PPM  | 15.0 PPM  | 13.8 PPM  | 13.9 PPM  | 10.3 PPM  | 10.6 PPM  |
| NI | 64.1 PPM  | 55.0 PPM  | 40.4 PPM | 35.9 PPM | 41.5 PPM  | 46.3 PPM  | 46.5 PPM  | 52.6 PPM  | 35.5 PPM  | 34.7 PPM  |
| CO | 39.8 PPM  | 39.8 PPM  | 31.6 PPM | 26.8 PPM | 27.2 PPM  | 31.6 PPM  | 29.6 PPM  | 35.3 PPM  | 32.5 PPM  | 26.8 PPM  |
| V  | 50.0 PPM  | 54.5 PPM  | 44.0 PPM | 43.4 PPM | 55.7 PPM  | 41.4 PPM  | 44.9 PPM  | 44.8 PPM  | 44.2 PPM  | 46.9 PPM  |
| MO | 11.8 PPM  | 12.6 PPM  | 13.7 PPM | 11.7 PPM | 16.0 PPM  | 17.3 PPM  | 18.1 PPM  | 17.3 PPM  | 14.9 PPM  | 13.3 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 15.7 PPM  | 18.8 PPM  | 12.9 PPM | 12.5 PPM | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | 3.7 PPM   |
| BA | 105.0 PPM | 113.4 PPM | 81.6 PPM | 87.5 PPM | 66.2 PPM  | 65.3 PPM  | 67.4 PPM  | 77.2 PPM  | 69.8 PPM  | 59.1 PPM  |
| SR | 18.9 PPM  | 19.3 PPM  | 18.1 PPM | 20.0 PPM | 13.4 PPM  | 11.0 PPM  | 13.2 PPM  | 13.1 PPM  | 14.7 PPM  | 11.3 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 381      | 382      | 383      | 384      | 385       | 386       | 387       | 388       | 389       | 390       |
|----|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .03 %    | .03 %    | .04 %    | .04 %    | .04 %     | .04 %     | .07 %     | .05 %     | .03 %     | .03 %     |
| AL | 1.68 %   | 2.32 %   | 2.04 %   | 2.64 %   | 3.44 %    | 3.19 %    | 3.04 %    | 2.53 %    | 3.45 %    | 1.91 %    |
| FE | 2.59 %   | 2.97 %   | 2.38 %   | 2.56 %   | 5.26 %    | 1.93 %    | 2.26 %    | 3.40 %    | 2.79 %    | 2.95 %    |
| TI | .12 %    | .11 %    | .11 %    | .13 %    | .41 %     | .15 %     | .22 %     | .30 %     | .27 %     | .22 %     |
| MG | .68 %    | .55 %    | .60 %    | .74 %    | 1.38 %    | .86 %     | .97 %     | .95 %     | 1.13 %    | .84 %     |
| CA | .24 %    | .21 %    | .24 %    | .24 %    | .83 %     | .73 %     | .60 %     | .68 %     | .47 %     | .61 %     |
| NA | .06 %    | .05 %    | .05 %    | .05 %    | .06 %     | .07 %     | .07 %     | .06 %     | .05 %     | .07 %     |
| K  | .27 %    | .21 %    | .21 %    | .24 %    | .51 %     | .35 %     | .37 %     | .48 %     | .62 %     | .42 %     |
| MN | .03 %    | .02 %    | .02 %    | .02 %    | .07 %     | .03 %     | .03 %     | .05 %     | .05 %     | .05 %     |
| CU | 31.1 PPM | 40.5 PPM | 31.4 PPM | 45.7 PPM | 99.3 PPM  | 307.2 PPM | 563.1 PPM | 45.0 PPM  | 85.6 PPM  | 278.9 PPM |
| ZN | 59.7 PPM | 61.3 PPM | 68.6 PPM | 74.4 PPM | 291.8 PPM | 195.6 PPM | 231.6 PPM | 160.7 PPM | 210.1 PPM | 111.7 PPM |
| PB | 16.6 PPM | 42.1 PPM | 23.1 PPM | 24.6 PPM | 5.8 PPM   | 11.4 PPM  | 12.6 PPM  | 4.4 PPM   | 9.9 PPM   | 6.0 PPM   |
| NI | 13.7 PPM | 16.4 PPM | 15.0 PPM | 19.7 PPM | 29.4 PPM  | 32.9 PPM  | 33.5 PPM  | 18.9 PPM  | 29.1 PPM  | 23.1 PPM  |
| CO | 13.9 PPM | 13.9 PPM | 13.7 PPM | 16.2 PPM | 33.5 PPM  | 15.8 PPM  | 19.8 PPM  | 21.8 PPM  | 20.6 PPM  | 16.3 PPM  |
| V  | 57.1 PPM | 61.8 PPM | 57.6 PPM | 65.9 PPM | 111.7 PPM | 61.4 PPM  | 74.3 PPM  | 73.3 PPM  | 77.1 PPM  | 77.7 PPM  |
| MO | 14.9 PPM | 18.1 PPM | 16.1 PPM | 19.4 PPM | 31.9 PPM  | 16.8 PPM  | 18.1 PPM  | 22.3 PPM  | 19.2 PPM  | 16.2 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 8.5 PPM  | 4.8 PPM  | 11.4 PPM | 13.5 PPM | < 3 PPM   | 31.7 PPM  | 32.2 PPM  | 1.4 PPM   | 30.1 PPM  | 15.1 PPM  |
| BA | 83.5 PPM | 75.2 PPM | 69.6 PPM | 87.2 PPM | 191.7 PPM | 304.6 PPM | 435.0 PPM | 178.2 PPM | 273.2 PPM | 131.6 PPM |
| SR | 9.0 PPM  | 8.3 PPM  | 9.9 PPM  | 9.2 PPM  | 15.7 PPM  | 20.6 PPM  | 22.0 PPM  | 15.0 PPM  | 18.0 PPM  | 10.9 PPM  |

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DATE: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR : 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J R. KRØD

|    | 391       | 392       | 393       | 394      | 395       | 396      | 397      | 398       | 399      | 400      |
|----|-----------|-----------|-----------|----------|-----------|----------|----------|-----------|----------|----------|
| SI | .05 %     | .05 %     | .06 %     | .03 %    | .03 %     | .04 %    | .03 %    | .03 %     | .03 %    | .03 %    |
| Al | 3.05 %    | 3.15 %    | 3.23 %    | .30 %    | 1.45 %    | 1.99 %   | 1.82 %   | 1.57 %    | .84 %    | .38 %    |
| FE | 3.68 %    | 3.89 %    | 4.77 %    | .51 %    | 2.38 %    | 3.25 %   | 3.38 %   | 3.46 %    | 1.95 %   | .57 %    |
| TI | .31 %     | .30 %     | .44 %     | .13 %    | .18 %     | .28 %    | .26 %    | .26 %     | .17 %    | .13 %    |
| MG | 1.05 %    | 1.15 %    | 1.12 %    | .07 %    | .39 %     | .68 %    | .47 %    | .52 %     | .27 %    | .07 %    |
| CA | .45 %     | .47 %     | .72 %     | .18 %    | .23 %     | .26 %    | .28 %    | .33 %     | .25 %    | .22 %    |
| NA | .06 %     | .06 %     | .05 %     | .05 %    | .05 %     | .05 %    | .05 %    | .05 %     | .05 %    | .03 %    |
| K  | .49 %     | .42 %     | .89 %     | .05 %    | .20 %     | .25 %    | .23 %    | .20 %     | .14 %    | .05 %    |
| MN | .05 %     | .05 %     | .09 %     | .01 %    | .03 %     | .03 %    | .03 %    | .04 %     | .05 %    | .01 %    |
| CU | 134.1 PPM | 121.4 PPM | 136.7 PPM | 8.9 PPM  | 40.2 PPM  | 38.3 PPM | 48.2 PPM | 112.2 PPM | 22.2 PPM | 9.7 PPM  |
| ZN | 130.2 PPM | 171.4 PPM | 192.7 PPM | 8.9 PPM  | 127.5 PPM | 70.4 PPM | 69.0 PPM | 194.0 PPM | 44.9 PPM | 9.1 PPM  |
| PB | 3.1 PPM   | 8.9 PPM   | 12.4 PPM  | 13.5 PPM | 8.3 PPM   | 4.7 PPM  | 3.9 PPM  | 14.1 PPM  | 12.3 PPM | 7.1 PPM  |
| NJ | 21.6 PPM  | 25.1 PPM  | 20.9 PPM  | 2.0 PPM  | 11.9 PPM  | 17.0 PPM | 11.0 PPM | 16.6 PPM  | 6.8 PPM  | 1.4 PPM  |
| CO | 29.4 PPM  | 24.2 PPM  | 36.2 PPM  | 6.4 PPM  | 11.8 PPM  | 17.6 PPM | 15.8 PPM | 25.2 PPM  | 15.5 PPM | 6.4 PPM  |
| V  | 102.7 PPM | 125.7 PPM | 95.9 PPM  | 23.4 PPM | 49.9 PPM  | 78.1 PPM | 73.7 PPM | 82.2 PPM  | 57.1 PPM | 23.8 PPM |
| MO | 20.7 PPM  | 23.4 PPM  | 22.5 PPM  | 8.1 PPM  | 11.4 PPM  | 16.2 PPM | 15.8 PPM | 19.0 PPM  | 13.6 PPM | 10.2 PPM |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | 7.8 PPM   | 6.3 PPM   | <.3 PPM   | 3.8 PPM  | 13.2 PPM  | 26.7 PPM | <.3 PPM  | <.3 PPM   | <.3 PPM  | .9 PPM   |
| BA | 144.4 PPM | 171.7 PPM | 353.4 PPM | 46.0 PPM | 65.3 PPM  | 76.8 PPM | 66.7 PPM | 109.5 PPM | 65.6 PPM | 43.3 PPM |
| SR | 13.7 PPM  | 14.1 PPM  | 13.0 PPM  | 6.6 PPM  | 9.4 PPM   | 9.8 PPM  | 11.1 PPM | 10.6 PPM  | 8.7 PPM  | 8.5 PPM  |

## ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDAGSNR.: 153/78

OPPDAGSGIVER: NSU KJEMISK AVD V/J. R. KROG.

|    | 401      | 402      | 403      | 404      | 405       | 406      | 407      | 408      | 409      | 410      |
|----|----------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .04 %    | .04 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | .90 %    | 1.58 %   | 1.36 %   | 1.62 %   | 1.83 %    | 1.73 %   | .93 %    | .84 %    | 1.74 %   | 1.42 %   |
| FE | 2.12 %   | 3.13 %   | 2.65 %   | 2.56 %   | 2.87 %    | 3.24 %   | 1.92 %   | 1.37 %   | 3.38 %   | 2.89 %   |
| TI | .28 %    | .29 %    | .27 %    | .21 %    | .31 %     | .30 %    | .23 %    | .18 %    | .23 %    | .23 %    |
| MG | .33 %    | .59 %    | .52 %    | .86 %    | 1.03 %    | .58 %    | .35 %    | .40 %    | .87 %    | .68 %    |
| CA | .23 %    | .21 %    | .22 %    | .34 %    | .39 %     | .23 %    | .22 %    | .28 %    | .39 %    | .37 %    |
| NA | .04 %    | .04 %    | .04 %    | .05 %    | .04 %     | .04 %    | .04 %    | .04 %    | .05 %    | .05 %    |
| K  | .20 %    | .30 %    | .30 %    | .34 %    | .41 %     | .20 %    | .13 %    | .19 %    | .34 %    | .26 %    |
| MH | .03 %    | .04 %    | .04 %    | .06 %    | .06 %     | .03 %    | .02 %    | .02 %    | .06 %    | .05 %    |
| CU | 28.3 PPM | 45.3 PPM | 53.9 PPM | 82.9 PPM | 37.5 PPM  | 57.7 PPM | 28.8 PPM | 15.2 PPM | 88.3 PPM | 70.4 PPM |
| ZN | 40.4 PPM | 64.9 PPM | 60.5 PPM | 81.4 PPM | 108.9 PPM | 80.4 PPM | 41.6 PPM | 31.8 PPM | 97.5 PPM | 80.6 PPM |
| PB | 13.1 PPM | 7.3 PPM  | 11.4 PPM | 9.7 PPM  | 2.4 PPM   | 9.3 PPM  | 8.6 PPM  | 8.0 PPM  | 3.2 PPM  | 8.0 PPM  |
| NI | 6.8 PPM  | 13.3 PPM | 6.7 PPM  | 19.6 PPM | 32.0 PPM  | 11.5 PPM | 6.7 PPM  | 21.5 PPM | 27.6 PPM | 21.5 PPM |
| CO | 13.2 PPM | 15.3 PPM | 15.2 PPM | 18.9 PPM | 28.8 PPM  | 16.4 PPM | 11.4 PPM | 10.2 PPM | 24.0 PPM | 16.5 PPM |
| V  | 78.7 PPM | 80.9 PPM | 74.4 PPM | 63.8 PPM | 97.3 PPM  | 95.8 PPM | 63.3 PPM | 48.0 PPM | 82.0 PPM | 73.6 PPM |
| MO | 14.6 PPM | 18.8 PPM | 18.2 PPM | 16.5 PPM | 18.5 PPM  | 19.5 PPM | 14.5 PPM | 12.3 PPM | 19.3 PPM | 17.2 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | .8 PPM   | 2.7 PPM  | .6 PPM   | 10.6 PPM | 16.5 PPM  | 2.2 PPM  | <.3 PPM  | 76.8 PPM | 5.0 PPM  | 6.9 PPM  |
| BA | 66.4 PPM | 80.3 PPM | 76.2 PPM | 93.7 PPM | 111.1 PPM | 81.8 PPM | 62.3 PPM | 65.1 PPM | 91.9 PPM | 86.0 PPM |
| SR | 11.3 PPM | 11.9 PPM | 11.0 PPM | 13.0 PPM | 12.7 PPM  | 11.8 PPM | 9.5 PPM  | 10.6 PPM | 13.8 PPM | 15.1 PPM |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVERINGU KJEMISK AVD V. J. R. KROG

|    | 411      | 412      | 413      | 414       | 415       | 416       | 417       | 418       | 419       | 420       |
|----|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .04 %    | .03 %    | .03 %    | .03 %     | .03 %     | .03 %     | .03 %     | .03 %     | .04 %     | .03 %     |
| AL | 1.09 %   | 1.33 %   | 1.01 %   | .86 %     | 1.54 %    | .89 %     | 1.63 %    | 3.70 %    | 1.53 %    | 1.55 %    |
| FE | 2.49 %   | 2.88 %   | 2.50 %   | 2.53 %    | 3.23 %    | 4.55 %    | 4.57 %    | > 7.04 %  | 3.54 %    | 3.54 %    |
| TI | .25 %    | .29 %    | .25 %    | .29 %     | .24 %     | .16 %     | .28 %     | .19 %     | .32 %     | .29 %     |
| MG | .45 %    | .43 %    | .40 %    | .29 %     | .60 %     | .67 %     | .84 %     | 1.26 %    | .58 %     | .61 %     |
| CA | .42 %    | .31 %    | .36 %    | .30 %     | .40 %     | .26 %     | .25 %     | .26 %     | .24 %     | .42 %     |
| NA | .06 %    | .05 %    | .05 %    | .04 %     | .05 %     | .06 %     | .05 %     | .05 %     | .05 %     | .06 %     |
| K  | .20 %    | .25 %    | .17 %    | .16 %     | .22 %     | .53 %     | .48 %     | 1.18 %    | .41 %     | .33 %     |
| MH | .04 %    | .05 %    | .04 %    | .04 %     | .05 %     | .02 %     | .06 %     | .11 %     | .07 %     | .10 %     |
| CU | 50.1 PPM | 46.1 PPM | 35.1 PPM | 35.0 PPM  | 165.5 PPM | 414.9 PPM | .27 %     | .31 %     | 291.8 PPM | 446.7 PPM |
| ZN | 63.7 PPM | 64.0 PPM | 59.0 PPM | 48.9 PPM  | 126.5 PPM | 35.5 PPM  | 87.5 PPM  | 187.3 PPM | 99.8 PPM  | 168.0 PPM |
| PB | 4.7 PPM  | 4.2 PPM  | 9.1 PPM  | 8.6 PPM   | 8.1 PPM   | 1.8 PPM   | 3.7 PPM   | 4.0 PPM   | 5.0 PPM   | 3.3 PPM   |
| NI | 11.6 PPM | 7.4 PPM  | 7.6 PPM  | 7.5 PPM   | 16.0 PPM  | 5.3 PPM   | 24.1 PPM  | 20.3 PPM  | 14.3 PPM  | 27.3 PPM  |
| CO | 15.8 PPM | 17.3 PPM | 15.3 PPM | 15.2 PPM  | 18.8 PPM  | 7.3 PPM   | 20.2 PPM  | 15.8 PPM  | 20.9 PPM  | 22.9 PPM  |
| V  | 80.4 PPM | 83.6 PPM | 82.4 PPM | 101.4 PPM | 93.4 PPM  | 50.2 PPM  | 114.9 PPM | 382.8 PPM | 114.2 PPM | 89.9 PPM  |
| MU | 15.4 PPM | 16.4 PPM | 15.7 PPM | 14.3 PPM  | 18.7 PPM  | 16.9 PPM  | 21.3 PPM  | 36.6 PPM  | 19.1 PPM  | 18.2 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 4.0 PPM  | 5 PPM    | 1.9 PPM  | < 3 PPM   | 7.3 PPM   | 3 PPM     | 3.1 PPM   | 87.7 PPM  | 5.8 PPM   | 8.2 PPM   |
| BA | 74.8 PPM | 78.5 PPM | 77.7 PPM | 71.2 PPM  | 97.8 PPM  | 154.4 PPM | 147.5 PPM | 614.0 PPM | 97.2 PPM  | 151.2 PPM |
| SR | 21.9 PPM | 13.6 PPM | 37.8 PPM | 18.7 PPM  | 15.3 PPM  | 10.2 PPM  | 11.7 PPM  | 17.8 PPM  | 11.7 PPM  | 20.2 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG

|    | 421       | 422       | 423       | 424       | 425       | 426       | 427       | 428       | 429       | 430       |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .03 %     | .03 %     | .03 %     | .03 %     | .04 %     | .03 %     | .03 %     | .03 %     | .02 %     | .02 %     |
| AL | .31 %     | 2.68 %    | 1.25 %    | 1.60 %    | 3.87 %    | 6.08 %    | 1.61 %    | 1.07 %    | .61 %     | .55 %     |
| FE | > 7.04 %  | 5.31 %    | 3.39 %    | 3.11 %    | > 7.04 %  | > 7.04 %  | 4.18 %    | 3.07 %    | 3.35 %    | 2.73 %    |
| TI | .06 %     | .38 %     | .32 %     | .25 %     | .38 %     | .36 %     | .22 %     | .33 %     | .42 %     | .27 %     |
| MG | .27 %     | 1.28 %    | .49 %     | .73 %     | 1.58 %    | 2.35 %    | .50 %     | .34 %     | .12 %     | .11 %     |
| CA | .31 %     | .78 %     | .24 %     | .33 %     | .47 %     | .60 %     | .23 %     | .28 %     | .17 %     | .14 %     |
| NA | .05 %     | .07 %     | .04 %     | .05 %     | .05 %     | .05 %     | .05 %     | .04 %     | .04 %     | .04 %     |
| K  | .08 %     | .92 %     | .34 %     | .33 %     | 1.27 %    | 1.80 %    | .59 %     | .18 %     | .13 %     | .11 %     |
| MN | .04 %     | .12 %     | .22 %     | .06 %     | .12 %     | .16 %     | .08 %     | .04 %     | .09 %     | .05 %     |
| CU | .23 %     | 1.26 %    | 153.2 PPM | 282.3 PPM | .69 %     | .56 %     | 240.1 PPM | 138.0 PPM | 107.4 PPM | 134.2 PPM |
| ZN | 74.5 PPM  | 286.9 PPM | 112.2 PPM | 140.8 PPM | 281.0 PPM | 301.9 PPM | 110.6 PPM | 62.2 PPM  | 52.8 PPM  | 29.3 PPM  |
| PB | 14.7 PPM  | 12.0 PPM  | 14.4 PPM  | 6.1 PPM   | 1.3 PPM   | 2.3 PPM   | 8.9 PPM   | 7.3 PPM   | 11.8 PPM  | 10.0 PPM  |
| NI | 5.7 PPM   | 63.3 PPM  | 9.4 PPM   | 22.1 PPM  | 56.1 PPM  | 33.3 PPM  | 12.3 PPM  | 7.1 PPM   | 3.5 PPM   | <1.0 PPM  |
| CO | 6.4 PPM   | 29.0 PPM  | 24.6 PPM  | 20.7 PPM  | 36.3 PPM  | 27.2 PPM  | 17.7 PPM  | 15.7 PPM  | 19.5 PPM  | 14.1 PPM  |
| V  | 109.7 PPM | 290.2 PPM | 140.6 PPM | 79.4 PPM  | 348.3 PPM | 520.9 PPM | 81.3 PPM  | 91.5 PPM  | 135.6 PPM | 121.8 PPM |
| MO | 26.9 PPM  | 24.2 PPM  | 18.8 PPM  | 17.4 PPM  | 30.7 PPM  | 41.0 PPM  | 16.1 PPM  | 16.7 PPM  | 15.6 PPM  | 13.2 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | <.3 PPM   | 146.3 PPM | <.3 PPM   | 7.4 PPM   | 7.3 PPM   | 43.2 PPM  | 1.1 PPM   | .9 PPM    | <.3 PPM   | <.3 PPM   |
| BA | 47.9 PPM  | 211.8 PPM | 141.4 PPM | 81.6 PPM  | 434.8 PPM | 744.8 PPM | 112.5 PPM | 67.3 PPM  | 75.5 PPM  | 54.4 PPM  |
| SR | 2.9 PPM   | 22.6 PPM  | 14.5 PPM  | 13.3 PPM  | 32.3 PPM  | 43.1 PPM  | 9.3 PPM   | 11.8 PPM  | 12.2 PPM  | 7.9 PPM   |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSHR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 431       | 432       | 433       | 434       | 435       | 436       | 437       | 438       | 439       | 440       |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .06 %     | .03 %     | .03 %     | .03 %     | .03 %     | .03 %     | .03 %     | .06 %     | .03 %     | .04 %     |
| AL | 1.43 %    | 2.15 %    | 2.17 %    | 1.51 %    | 3.18 %    | 1.18 %    | .93 %     | 4.38 %    | 4.25 %    | 1.34 %    |
| FE | 3.23 %    | 3.35 %    | 5.44 %    | 3.00 %    | 4.92 %    | 3.07 %    | 2.81 %    | > 7.04 %  | > 7.04 %  | 4.19 %    |
| TI | .31 %     | .27 %     | .37 %     | .29 %     | .33 %     | .32 %     | .29 %     | .34 %     | .17 %     | .37 %     |
| MG | .49 %     | .86 %     | 1.03 %    | .78 %     | 1.97 %    | .50 %     | .39 %     | 2.35 %    | 2.45 %    | .61 %     |
| CA | .35 %     | .33 %     | .40 %     | .40 %     | .55 %     | .34 %     | .35 %     | .34 %     | .37 %     | .26 %     |
| NA | .06 %     | .05 %     | .06 %     | .05 %     | .05 %     | .05 %     | .05 %     | .06 %     | .06 %     | .04 %     |
| K  | .24 %     | .35 %     | .45 %     | .13 %     | .92 %     | .30 %     | .20 %     | 1.41 %    | 1.28 %    | .67 %     |
| MN | .06 %     | .06 %     | .08 %     | .08 %     | .08 %     | .06 %     | .04 %     | .06 %     | .07 %     | .10 %     |
| CU | 109.8 PPM | 234.5 PPM | .25 %     | 644.4 PPM | .20 %     | 204.2 PPM | 989.5 PPM | 1.41 %    | 1.03 %    | 169.9 PPM |
| ZN | 96.9 PPM  | 115.4 PPM | 143.6 PPM | 96.3 PPM  | 171.0 PPM | 94.3 PPM  | 74.3 PPM  | 295.4 PPM | 261.3 PPM | 116.6 PPM |
| PB | 6.8 PPM   | 6.5 PPM   | 4.5 PPM   | 4.8 PPM   | <1.0 PPM  | 9.2 PPM   | 7.3 PPM   | <1.0 PPM  | <1.0 PPM  | 4.4 PPM   |
| NI | 11.2 PPM  | 23.0 PPM  | 29.5 PPM  | 22.8 PPM  | 24.3 PPM  | 11.8 PPM  | 21.2 PPM  | 94.0 PPM  | 107.0 PPM | 36.3 PPM  |
| CO | 20.6 PPM  | 20.3 PPM  | 25.7 PPM  | 23.8 PPM  | 26.2 PPM  | 20.4 PPM  | 18.7 PPM  | 29.7 PPM  | 28.1 PPM  | 24.8 PPM  |
| V  | 112.1 PPM | 89.3 PPM  | 255.6 PPM | 105.3 PPM | 119.6 PPM | 121.0 PPM | 120.9 PPM | 583.3 PPM | 435.2 PPM | 122.2 PPM |
| MO | 17.5 PPM  | 16.9 PPM  | 24.8 PPM  | 17.5 PPM  | 23.5 PPM  | 16.2 PPM  | 15.3 PPM  | 33.8 PPM  | 31.6 PPM  | 18.0 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | 1.1 PPM   | 1.4 PPM   | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 2.5 PPM   | 9.7 PPM   | 28.9 PPM  | 24.7 PPM  | 75.6 PPM  | <.3 PPM   | 7.6 PPM   | 261.3 PPM | 458.3 PPM | 25.8 PPM  |
| BA | 101.8 PPM | 88.5 PPM  | 236.7 PPM | 123.8 PPM | 308.1 PPM | 93.5 PPM  | 109.6 PPM | 539.4 PPM | 489.5 PPM | 154.9 PPM |
| SR | 16.5 PPM  | 13.9 PPM  | 16.3 PPM  | 16.1 PPM  | 21.7 PPM  | 13.9 PPM  | 16.3 PPM  | 16.8 PPM  | 9.9 PPM   | 18.3 PPM  |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J R KROG

|    | 441       | 442       | 601      | 602      | 603      | 604      | 605      | 606      | 607      | 608      |
|----|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .02 %     | .04 %     | .05 %    | .05 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .04 %    |
| AL | 1.40 %    | 1.12 %    | 2.24 %   | 1.48 %   | 1.21 %   | 2.20 %   | 1.91 %   | 3.04 %   | 1.94 %   | 1.66 %   |
| FE | 2.25 %    | 1.80 %    | 2.28 %   | 2.44 %   | 2.20 %   | 3.03 %   | 2.58 %   | 1.73 %   | 2.95 %   | 3.35 %   |
| TI | .25 %     | .20 %     | .08 %    | .12 %    | .11 %    | .12 %    | .11 %    | .05 %    | .09 %    | .10 %    |
| MG | .48 %     | .76 %     | .24 %    | .34 %    | .31 %    | .35 %    | .31 %    | .15 %    | .31 %    | .37 %    |
| CA | .31 %     | .50 %     | .26 %    | .28 %    | .26 %    | .25 %    | .23 %    | .10 %    | .19 %    | .22 %    |
| NA | .06 %     | .04 %     | .05 %    | .05 %    | .04 %    | .06 %    | .04 %    | .04 %    | .05 %    | .06 %    |
| K  | .29 %     | .13 %     | .21 %    | .32 %    | .29 %    | .35 %    | .30 %    | .11 %    | .20 %    | .20 %    |
| MN | .04 %     | .04 %     | .06 %    | .05 %    | .05 %    | .11 %    | .06 %    | .02 %    | .02 %    | .02 %    |
| CU | 297.5 PPM | 204.0 PPM | 54.6 PPM | 45.8 PPM | 32.5 PPM | 67.4 PPM | 54.1 PPM | 84.0 PPM | 64.8 PPM | 59.1 PPM |
| ZN | 61.1 PPM  | 75.3 PPM  | 92.5 PPM | 75.8 PPM | 61.9 PPM | 95.5 PPM | 73.9 PPM | 38.8 PPM | 52.9 PPM | 53.0 PPM |
| PB | 5.2 PPM   | 5.6 PPM   | 48.3 PPM | 52.1 PPM | 47.2 PPM | 96.8 PPM | 69.5 PPM | 43.9 PPM | 47.5 PPM | 47.8 PPM |
| NI | 10.2 PPM  | 16.5 PPM  | 18.7 PPM | 9.7 PPM  | 9.2 PPM  | 14.4 PPM | 10.5 PPM | 10.4 PPM | 14.5 PPM | 17.1 PPM |
| CO | 15.7 PPM  | 19.8 PPM  | 13.7 PPM | 11.9 PPM | 13.4 PPM | 23.7 PPM | 15.3 PPM | 5.3 PPM  | 7.3 PPM  | 6.7 PPM  |
| V  | 78.6 PPM  | 58.6 PPM  | 41.0 PPM | 46.9 PPM | 43.3 PPM | 53.6 PPM | 45.3 PPM | 27.1 PPM | 55.6 PPM | 56.7 PPM |
| MO | 13.4 PPM  | 13.8 PPM  | 40.3 PPM | 51.6 PPM | 50.0 PPM | 68.5 PPM | 55.7 PPM | 30.2 PPM | 45.7 PPM | 55.2 PPM |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | .9 PPM    | 23.4 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  |
| BA | 108.2 PPM | 82.1 PPM  | 67.8 PPM | 95.4 PPM | 79.8 PPM | 97.3 PPM | 84.6 PPM | 49.7 PPM | 79.4 PPM | 60.5 PPM |
| SR | 22.0 PPM  | 61.1 PPM  | 11.8 PPM | 10.3 PPM | 9.0 PPM  | 11.9 PPM | 10.4 PPM | 7.7 PPM  | 15.1 PPM | 18.7 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLIGISKE UNDERSOKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J R.KROG.

|    | 609      | 610      | 611      | 612       | 613      | 614       | 615       | 616       | 617      | 618      |
|----|----------|----------|----------|-----------|----------|-----------|-----------|-----------|----------|----------|
| SI | .04 %    | .03 %    | .04 %    | .05 %     | .04 %    | .04 %     | .06 %     | .03 %     | .04 %    | .06 %    |
| AL | 1.55 %   | .80 %    | 1.00 %   | 1.39 %    | .98 %    | 1.14 %    | 1.27 %    | 1.22 %    | .32 %    | .94 %    |
| FE | 3.60 %   | 1.58 %   | .89 %    | 3.29 %    | 3.04 %   | 3.86 %    | 3.91 %    | 3.97 %    | .59 %    | 1.54 %   |
| TI | .11 %    | .07 %    | .06 %    | .14 %     | .12 %    | .11 %     | .14 %     | .13 %     | .05 %    | .09 %    |
| MG | .37 %    | .20 %    | .22 %    | .40 %     | .34 %    | .35 %     | .41 %     | .38 %     | .09 %    | .44 %    |
| CA | .22 %    | .16 %    | .19 %    | .27 %     | .27 %    | .25 %     | .29 %     | .26 %     | .17 %    | .47 %    |
| NA | .05 %    | .03 %    | .03 %    | .06 %     | .07 %    | .07 %     | .08 %     | .07 %     | .03 %    | .06 %    |
| K  | .23 %    | .13 %    | .15 %    | .43 %     | .32 %    | .32 %     | .39 %     | .37 %     | .07 %    | .17 %    |
| MN | .02 %    | .02 %    | .01 %    | .05 %     | .05 %    | .06 %     | .06 %     | .05 %     | .01 %    | .02 %    |
| CU | 59.0 PPM | 32.4 PPM | 32.5 PPM | 53.6 PPM  | 40.6 PPM | 53.1 PPM  | 65.1 PPM  | 52.4 PPM  | 13.4 PPM | 25.4 PPM |
| ZN | 52.5 PPM | 45.3 PPM | 38.3 PPM | 75.2 PPM  | 60.3 PPM | 69.3 PPM  | 72.4 PPM  | 79.6 PPM  | 19.9 PPM | 41.9 PPM |
| PB | 63.5 PPM | 47.1 PPM | 26.7 PPM | 87.3 PPM  | 99.3 PPM | 165.5 PPM | 101.1 PPM | 123.3 PPM | 16.4 PPM | 3.7 PPM  |
| NI | 19.0 PPM | 15.1 PPM | 10.6 PPM | 12.1 PPM  | 7.7 PPM  | 11.1 PPM  | 12.2 PPM  | 8.7 PPM   | 2.4 PPM  | 14.6 PPM |
| CO | 7.2 PPM  | 5.5 PPM  | 5.1 PPM  | 14.9 PPM  | 12.4 PPM | 13.9 PPM  | 14.9 PPM  | 12.4 PPM  | 2.8 PPM  | 12.0 PPM |
| V  | 54.2 PPM | 29.9 PPM | 19.0 PPM | 55.9 PPM  | 54.4 PPM | 57.7 PPM  | 63.8 PPM  | 54.8 PPM  | 11.1 PPM | 41.5 PPM |
| MO | 62.1 PPM | 21.3 PPM | 14.7 PPM | 71.4 PPM  | 71.9 PPM | 87.5 PPM  | 95.8 PPM  | 96.3 PPM  | 21.1 PPM | 11.1 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | 8.9 PPM  | <.3 PPM   | <.3 PPM  | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM  | 13.2 PPM |
| BA | 57.9 PPM | 48.9 PPM | 59.2 PPM | 100.9 PPM | 70.4 PPM | 72.1 PPM  | 79.1 PPM  | 79.5 PPM  | 50.4 PPM | 64.1 PPM |
| SR | 21.6 PPM | 9.9 PPM  | 10.0 PPM | 13.3 PPM  | 16.0 PPM | 19.1 PPM  | 21.8 PPM  | 18.2 PPM  | 8.1 PPM  | 11.2 PPM |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 619      | 620      | 621      | 622       | 623       | 624      | 625      | 626      | 627      | 628      |
|----|----------|----------|----------|-----------|-----------|----------|----------|----------|----------|----------|
| SI | .04 %    | .03 %    | .03 %    | .03 %     | .03 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | .89 %    | .96 %    | 1.03 %   | 1.09 %    | 1.41 %    | .72 %    | .54 %    | .81 %    | .66 %    | .64 %    |
| FE | 1.55 %   | 1.39 %   | 1.57 %   | 1.48 %    | 1.76 %    | .96 %    | .76 %    | 1.18 %   | 1.29 %   | 1.24 %   |
| TI | .09 %    | .09 %    | .10 %    | .10 %     | .11 %     | .06 %    | .05 %    | .08 %    | .06 %    | .06 %    |
| MG | .46 %    | .52 %    | .56 %    | .61 %     | .72 %     | .37 %    | .28 %    | .41 %    | .28 %    | .28 %    |
| CA | .50 %    | .45 %    | .47 %    | .42 %     | .50 %     | .41 %    | .33 %    | .36 %    | .36 %    | .35 %    |
| NA | .06 %    | .06 %    | .07 %    | .07 %     | .07 %     | .06 %    | .05 %    | .05 %    | .05 %    | .04 %    |
| K  | .20 %    | .26 %    | .27 %    | .27 %     | .46 %     | .17 %    | .12 %    | .22 %    | .11 %    | .12 %    |
| MN | .04 %    | .02 %    | .02 %    | .01 %     | .03 %     | .01 %    | .01 %    | .01 %    | .02 %    | .02 %    |
| CU | 27.4 PPM | 39.4 PPM | 45.0 PPM | 49.1 PPM  | 45.3 PPM  | 26.8 PPM | 19.3 PPM | 26.3 PPM | 31.8 PPM | 28.4 PPM |
| ZN | 42.9 PPM | 42.8 PPM | 49.3 PPM | 46.8 PPM  | 64.6 PPM  | 24.1 PPM | 16.9 PPM | 30.6 PPM | 22.4 PPM | 22.9 PPM |
| PB | 5.5 PPM  | 10.2 PPM | 11.5 PPM | 8.1 PPM   | 5.2 PPM   | 5.6 PPM  | 3.8 PPM  | 8.9 PPM  | 3.7 PPM  | <1.0 PPM |
| NI | 13.9 PPM | 20.9 PPM | 24.4 PPM | 24.7 PPM  | 29.1 PPM  | 15.5 PPM | 11.5 PPM | 14.4 PPM | 9.9 PPM  | 8.6 PPM  |
| CO | 12.3 PPM | 13.1 PPM | 14.9 PPM | 14.5 PPM  | 21.7 PPM  | 7.9 PPM  | 6.5 PPM  | 8.3 PPM  | 7.8 PPM  | 7.8 PPM  |
| V  | 45.0 PPM | 43.5 PPM | 47.4 PPM | 48.0 PPM  | 56.1 PPM  | 32.3 PPM | 26.4 PPM | 39.5 PPM | 31.3 PPM | 30.7 PPM |
| MO | 12.1 PPM | 11.2 PPM | 11.4 PPM | 11.6 PPM  | 11.6 PPM  | 9.0 PPM  | 8.6 PPM  | 10.1 PPM | 10.0 PPM | 11.3 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 16.4 PPM | 22.2 PPM | 22.6 PPM | 28.2 PPM  | 24.6 PPM  | 18.0 PPM | 15.2 PPM | 15.8 PPM | 2.9 PPM  | 2.9 PPM  |
| BA | 72.3 PPM | 82.6 PPM | 91.1 PPM | 103.2 PPM | 112.7 PPM | 61.4 PPM | 55.1 PPM | 69.0 PPM | 51.1 PPM | 55.3 PPM |
| SR | 10.1 PPM | 10.2 PPM | 12.4 PPM | 11.0 PPM  | 15.5 PPM  | 10.6 PPM | 7.5 PPM  | 10.2 PPM | 7.1 PPM  | 7.1 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 629      | 630       | 631       | 632      | 633       | 634      | 635      | 636      | 637      | 638      |
|----|----------|-----------|-----------|----------|-----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .03 %     | .03 %     | .03 %    | .03 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | .70 %    | 2.00 %    | 3.16 %    | 1.02 %   | 1.01 %    | .64 %    | .53 %    | .57 %    | .68 %    | 1.43 %   |
| FE | 1.30 %   | 2.70 %    | 3.10 %    | 1.33 %   | 1.52 %    | 1.17 %   | 1.05 %   | 1.06 %   | 1.30 %   | 2.18 %   |
| TI | .07 %    | .19 %     | .23 %     | .09 %    | .10 %     | .07 %    | .06 %    | .05 %    | .07 %    | .14 %    |
| MG | .33 %    | .87 %     | 1.55 %    | .59 %    | .64 %     | .45 %    | .35 %    | .34 %    | .28 %    | .52 %    |
| CA | .35 %    | .41 %     | .80 %     | .67 %    | .68 %     | .67 %    | .46 %    | .47 %    | .42 %    | .42 %    |
| NA | .05 %    | .05 %     | .12 %     | .08 %    | .07 %     | .07 %    | .07 %    | .07 %    | .05 %    | .03 %    |
| K  | .14 %    | .50 %     | .79 %     | .24 %    | .24 %     | .14 %    | .11 %    | .11 %    | .13 %    | .26 %    |
| MN | .02 %    | .06 %     | .05 %     | .03 %    | .04 %     | .02 %    | .02 %    | .02 %    | .02 %    | .02 %    |
| CU | 33.4 PPM | 53.7 PPM  | 60.6 PPM  | 50.5 PPM | 66.4 PPM  | 61.3 PPM | 45.5 PPM | 43.5 PPM | 28.1 PPM | 28.9 PPM |
| ZN | 26.6 PPM | 102.5 PPM | 109.5 PPM | 42.5 PPM | 41.4 PPM  | 29.6 PPM | 25.8 PPM | 25.4 PPM | 26.9 PPM | 75.9 PPM |
| PB | 4.6 PPM  | 25.5 PPM  | 61.2 PPM  | 23.8 PPM | 18.6 PPM  | 12.5 PPM | 9.2 PPM  | 10.4 PPM | 6.2 PPM  | 21.5 PPM |
| NI | 10.6 PPM | 33.1 PPM  | 58.8 PPM  | 24.6 PPM | 28.9 PPM  | 21.8 PPM | 13.2 PPM | 10.4 PPM | 10.5 PPM | 24.6 PPM |
| CO | 8.3 PPM  | 25.0 PPM  | 23.3 PPM  | 12.1 PPM | 14.8 PPM  | 13.8 PPM | 9.7 PPM  | 9.7 PPM  | 9.6 PPM  | 19.7 PPM |
| V  | 33.7 PPM | 81.2 PPM  | 121.7 PPM | 45.5 PPM | 48.7 PPM  | 36.4 PPM | 32.4 PPM | 33.2 PPM | 30.7 PPM | 38.4 PPM |
| MO | 10.1 PPM | 16.5 PPM  | 17.2 PPM  | 11.1 PPM | 11.9 PPM  | 9.3 PPM  | 8.7 PPM  | 9.4 PPM  | 10.8 PPM | 12.7 PPM |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 4.4 PPM  | 30.4 PPM  | 103.1 PPM | 38.8 PPM | 33.8 PPM  | 22.8 PPM | 13.9 PPM | 9.7 PPM  | 2.0 PPM  | 6.2 PPM  |
| BA | 60.3 PPM | 146.8 PPM | 249.0 PPM | 92.5 PPM | 102.6 PPM | 76.2 PPM | 67.7 PPM | 60.3 PPM | 57.8 PPM | 96.4 PPM |
| SR | 7.5 PPM  | 14.3 PPM  | 32.8 PPM  | 15.1 PPM | 13.3 PPM  | 11.0 PPM | 7.8 PPM  | 7.1 PPM  | 8.7 PPM  | 28.6 PPM |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 639       | 640       | 641       | 642       | 643       | 644       | 645       | 646       | 647       | 648       |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .03 %     | .05 %     | .04 %     | .04 %     | .05 %     | .05 %     | .04 %     | .03 %     | .03 %     | .04 %     |
| AL | 1.88 %    | .85 %     | .85 %     | .70 %     | 1.24 %    | 1.36 %    | 1.11 %    | 1.11 %    | 1.37 %    | 1.22 %    |
| FE | 2.42 %    | 1.68 %    | 1.57 %    | 1.34 %    | 2.02 %    | 2.30 %    | 2.03 %    | 2.10 %    | 2.50 %    | 2.14 %    |
| TI | .17 %     | .11 %     | .06 %     | .07 %     | .09 %     | .12 %     | .14 %     | .14 %     | .18 %     | .14 %     |
| MG | .97 %     | .63 %     | .61 %     | .52 %     | .97 %     | .95 %     | .68 %     | .66 %     | .82 %     | .74 %     |
| CA | .70 %     | 2.11 %    | 2.27 %    | 1.97 %    | 2.55 %    | 2.24 %    | 1.43 %    | 1.23 %    | .95 %     | .80 %     |
| NA | .04 %     | .09 %     | .08 %     | .08 %     | .09 %     | .09 %     | .06 %     | .06 %     | .05 %     | .05 %     |
| K  | .29 %     | .25 %     | .22 %     | .19 %     | .41 %     | .42 %     | .31 %     | .31 %     | .42 %     | .32 %     |
| MN | .12 %     | .05 %     | .03 %     | .04 %     | .06 %     | .07 %     | .06 %     | .06 %     | .08 %     | .06 %     |
| CU | 21.5 PPM  | 25.9 PPM  | 21.7 PPM  | 22.2 PPM  | 31.9 PPM  | 38.5 PPM  | 27.1 PPM  | 26.7 PPM  | 30.8 PPM  | 32.6 PPM  |
| ZN | 160.3 PPM | 54.9 PPM  | 46.7 PPM  | 41.5 PPM  | 70.6 PPM  | 76.3 PPM  | 64.2 PPM  | 61.6 PPM  | 86.2 PPM  | 65.5 PPM  |
| PB | 25.3 PPM  | 13.6 PPM  | 15.0 PPM  | 13.1 PPM  | 16.2 PPM  | 22.2 PPM  | 19.9 PPM  | 13.0 PPM  | 16.4 PPM  | 15.3 PPM  |
| NI | 27.2 PPM  | 24.6 PPM  | 21.5 PPM  | 24.0 PPM  | 32.1 PPM  | 31.6 PPM  | 25.8 PPM  | 17.6 PPM  | 24.6 PPM  | 28.6 PPM  |
| CO | 46.2 PPM  | 18.9 PPM  | 12.0 PPM  | 13.7 PPM  | 20.8 PPM  | 26.3 PPM  | 24.3 PPM  | 19.5 PPM  | 26.4 PPM  | 24.5 PPM  |
| V  | 42.0 PPM  | 43.1 PPM  | 43.7 PPM  | 35.1 PPM  | 55.6 PPM  | 61.0 PPM  | 48.5 PPM  | 50.7 PPM  | 56.6 PPM  | 46.6 PPM  |
| MO | 14.8 PPM  | 11.9 PPM  | 12.1 PPM  | 10.0 PPM  | 14.0 PPM  | 15.0 PPM  | 13.1 PPM  | 13.5 PPM  | 13.9 PPM  | 12.3 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  |
| CR | 14.6 PPM  | 16.0 PPM  | 14.6 PPM  | 12.5 PPM  | 20.2 PPM  | 19.4 PPM  | 8.8 PPM   | 5.0 PPM   | 10.8 PPM  | 9.6 PPM   |
| BA | 93.2 PPM  | 129.2 PPM | 146.7 PPM | 131.8 PPM | 263.7 PPM | 246.4 PPM | 163.9 PPM | 140.0 PPM | 172.7 PPM | 133.7 PPM |
| SR | 44.0 PPM  | 330.8 PPM | 347.8 PPM | 294.0 PPM | 388.0 PPM | 334.0 PPM | 197.7 PPM | 159.5 PPM | 115.0 PPM | 97.1 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 649      | 650       | 651      | 652       | 653       | 654       | 655       | 656      | 657       | 658       |
|----|----------|-----------|----------|-----------|-----------|-----------|-----------|----------|-----------|-----------|
| SI | .03 %    | .03 %     | .03 %    | .05 %     | .03 %     | .06 %     | .08 %     | .04 %    | .08 %     | .07 %     |
| AL | .58 %    | .46 %     | 1.36 %   | 1.83 %    | 1.00 %    | 1.74 %    | 2.06 %    | 1.44 %   | 1.71 %    | 1.90 %    |
| FE | 1.09 %   | .90 %     | 2.14 %   | 2.28 %    | 1.43 %    | 2.17 %    | 2.39 %    | 2.20 %   | 2.31 %    | 2.47 %    |
| TI | .07 %    | .06 %     | .12 %    | .09 %     | .07 %     | .07 %     | .08 %     | .07 %    | .08 %     | .07 %     |
| MG | .40 %    | .34 %     | .36 %    | .26 %     | .18 %     | .16 %     | .17 %     | .16 %    | .18 %     | .19 %     |
| CA | .69 %    | 1.04 %    | .30 %    | .30 %     | .44 %     | .22 %     | .23 %     | .21 %    | .22 %     | .20 %     |
| NA | .05 %    | .05 %     | .05 %    | .05 %     | .03 %     | .04 %     | .04 %     | .05 %    | .05 %     | .04 %     |
| K  | .15 %    | .11 %     | .30 %    | .18 %     | .13 %     | .12 %     | .11 %     | .12 %    | .13 %     | .13 %     |
| MN | .02 %    | .02 %     | .06 %    | .04 %     | .06 %     | .04 %     | .04 %     | .04 %    | .04 %     | .03 %     |
| CU | 25.1 PPM | 24.2 PPM  | 31.3 PPM | 48.3 PPM  | 22.0 PPM  | 51.2 PPM  | 59.0 PPM  | 45.4 PPM | 49.7 PPM  | 52.1 PPM  |
| ZN | 28.2 PPM | 22.2 PPM  | 86.7 PPM | 117.4 PPM | 136.3 PPM | 102.9 PPM | 110.8 PPM | 88.0 PPM | 101.0 PPM | 108.7 PPM |
| PB | 6.5 PPM  | 7.1 PPM   | 37.0 PPM | 42.6 PPM  | 12.3 PPM  | 49.4 PPM  | 60.3 PPM  | 45.3 PPM | 48.0 PPM  | 55.5 PPM  |
| NI | 16.8 PPM | 16.1 PPM  | 14.3 PPM | 26.2 PPM  | 25.8 PPM  | 24.3 PPM  | 27.3 PPM  | 21.1 PPM | 23.4 PPM  | 26.9 PPM  |
| CO | 9.9 PPM  | 8.5 PPM   | 16.2 PPM | 12.5 PPM  | 9.6 PPM   | 11.0 PPM  | 11.5 PPM  | 11.3 PPM | 11.1 PPM  | 9.7 PPM   |
| V  | 23.3 PPM | 19.9 PPM  | 47.3 PPM | 46.6 PPM  | 24.6 PPM  | 41.0 PPM  | 45.1 PPM  | 41.0 PPM | 46.2 PPM  | 50.6 PPM  |
| MO | 8.4 PPM  | 8.7 PPM   | 37.8 PPM | 31.7 PPM  | 17.4 PPM  | 33.7 PPM  | 37.2 PPM  | 32.6 PPM | 35.1 PPM  | 35.6 PPM  |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  |
| CR | 8.0 PPM  | 4.8 PPM   | <.3 PPM  | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM   | <.3 PPM   |
| BA | 79.6 PPM | 76.7 PPM  | 79.8 PPM | 61.7 PPM  | 57.6 PPM  | 44.5 PPM  | 32.5 PPM  | 46.2 PPM | 53.3 PPM  | 48.7 PPM  |
| SR | 82.5 PPM | 116.8 PPM | 11.6 PPM | 12.0 PPM  | 13.2 PPM  | 9.1 PPM   | 9.8 PPM   | 9.2 PPM  | 10.3 PPM  | 10.8 PPM  |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 659       | 660       | 661       | 662       | 663       | 664       | 665       | 666       | 667       | 668       |
|----|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| SI | .04 %     | .03 %     | .03 %     | .06 %     | .03 %     | .03 %     | .03 %     | .03 %     | .03 %     | .03 %     |
| AL | 2.02 %    | 2.66 %    | 1.74 %    | 4.94 %    | 4.65 %    | 3.80 %    | 1.98 %    | 1.65 %    | 3.51 %    | 1.76 %    |
| FE | 2.52 %    | 3.35 %    | 3.81 %    | 3.07 %    | 2.43 %    | 3.35 %    | 4.84 %    | 3.91 %    | 3.12 %    | 1.83 %    |
| TI | .09 %     | .08 %     | .06 %     | .10 %     | .07 %     | .08 %     | .09 %     | .07 %     | .13 %     | .10 %     |
| MG | .23 %     | .22 %     | .15 %     | .29 %     | .23 %     | .27 %     | .21 %     | .19 %     | .57 %     | .30 %     |
| CA | .21 %     | .25 %     | .15 %     | .30 %     | .27 %     | .26 %     | .43 %     | .38 %     | .84 %     | .58 %     |
| NA | .05 %     | .05 %     | .04 %     | .05 %     | .04 %     | .05 %     | .03 %     | .03 %     | .06 %     | .05 %     |
| K  | .17 %     | .12 %     | .10 %     | .14 %     | .13 %     | .15 %     | .08 %     | .10 %     | .32 %     | .16 %     |
| MN | .03 %     | .07 %     | .02 %     | .05 %     | .03 %     | .06 %     | .03 %     | .03 %     | .65 %     | .21 %     |
| CU | 61.2 PPM  | 79.9 PPM  | 60.2 PPM  | 86.5 PPM  | 73.2 PPM  | 80.1 PPM  | 89.4 PPM  | 62.8 PPM  | 42.5 PPM  | 25.6 PPM  |
| ZN | 105.5 PPM | 141.2 PPM | 76.3 PPM  | 150.0 PPM | 131.7 PPM | 126.7 PPM | 328.9 PPM | 220.9 PPM | 436.3 PPM | 132.4 PPM |
| PB | 63.7 PPM  | 173.1 PPM | 194.8 PPM | 53.2 PPM  | 50.2 PPM  | 71.7 PPM  | 316.1 PPM | 321.3 PPM | 25.8 PPM  | 16.0 PPM  |
| NI | 26.2 PPM  | 35.2 PPM  | 17.5 PPM  | 48.8 PPM  | 44.1 PPM  | 34.3 PPM  | 22.9 PPM  | 21.5 PPM  | 64.8 PPM  | 23.4 PPM  |
| CO | 9.1 PPM   | 24.2 PPM  | 8.0 PPM   | 18.2 PPM  | 9.5 PPM   | 18.3 PPM  | 19.1 PPM  | 15.8 PPM  | 35.2 PPM  | 22.0 PPM  |
| V  | 42.4 PPM  | 67.9 PPM  | 34.2 PPM  | 55.0 PPM  | 39.6 PPM  | 45.6 PPM  | 39.6 PPM  | 32.6 PPM  | 47.9 PPM  | 30.5 PPM  |
| MO | 36.5 PPM  | 61.8 PPM  | 67.9 PPM  | 67.8 PPM  | 44.5 PPM  | 54.4 PPM  | 111.9 PPM | 81.2 PPM  | 24.7 PPM  | 18.7 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | 1.5 PPM   | 2.6 PPM   | <1.0 PPM  | 3.1 PPM   | 2.9 PPM   | 2.6 PPM   | 1.2 PPM   |
| CR | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   |
| BA | 58.5 PPM  | 58.6 PPM  | 52.0 PPM  | 79.1 PPM  | 77.5 PPM  | 82.3 PPM  | 66.5 PPM  | 63.1 PPM  | 203.3 PPM | 104.6 PPM |
| SR | 11.3 PPM  | 13.6 PPM  | 9.6 PPM   | 23.2 PPM  | 18.9 PPM  | 21.5 PPM  | 10.7 PPM  | 8.9 PPM   | 56.3 PPM  | 29.3 PPM  |

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DATE: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 669      | 670       | 671      | 672      | 673      | 674      | 675      | 676      | 677      | 678      |
|----|----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .04 %     | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .05 %    | .04 %    | .03 %    |
| AL | .81 %    | 1.22 %    | .98 %    | .38 %    | .89 %    | .90 %    | .96 %    | 1.34 %   | 1.13 %   | .88 %    |
| FE | 1.12 %   | 1.65 %    | .86 %    | .57 %    | 1.02 %   | 1.47 %   | 1.60 %   | 2.08 %   | 1.75 %   | 1.38 %   |
| TI | .07 %    | .08 %     | .06 %    | .05 %    | .06 %    | .09 %    | .09 %    | .12 %    | .10 %    | .08 %    |
| MG | .22 %    | .44 %     | .11 %    | .07 %    | .11 %    | .44 %    | .46 %    | .63 %    | .55 %    | .43 %    |
| CA | .35 %    | .84 %     | .24 %    | .18 %    | .23 %    | .42 %    | .47 %    | .49 %    | .49 %    | .45 %    |
| NA | .03 %    | .04 %     | .04 %    | .03 %    | .03 %    | .06 %    | .06 %    | .06 %    | .06 %    | .06 %    |
| K  | .12 %    | .14 %     | .05 %    | .05 %    | .07 %    | .23 %    | .24 %    | .33 %    | .27 %    | .21 %    |
| MN | .07 %    | .13 %     | .02 %    | .02 %    | .01 %    | .04 %    | .04 %    | .05 %    | .04 %    | .03 %    |
| CU | 19.0 PPM | 27.3 PPM  | 25.3 PPM | 15.2 PPM | 36.5 PPM | 39.1 PPM | 41.4 PPM | 54.8 PPM | 50.1 PPM | 36.7 PPM |
| ZN | 70.7 PPM | 108.9 PPM | 75.0 PPM | 27.5 PPM | 37.4 PPM | 69.1 PPM | 70.3 PPM | 90.7 PPM | 76.6 PPM | 53.6 PPM |
| PB | 12.0 PPM | 17.5 PPM  | 17.6 PPM | 14.3 PPM | 15.3 PPM | 13.7 PPM | 13.3 PPM | 17.5 PPM | 14.6 PPM | 11.1 PPM |
| NI | 9.7 PPM  | 17.3 PPM  | 10.7 PPM | 6.3 PPM  | 10.7 PPM | 19.0 PPM | 23.7 PPM | 35.1 PPM | 25.8 PPM | 19.9 PPM |
| CO | 10.0 PPM | 15.8 PPM  | 5.8 PPM  | 3.4 PPM  | 5.0 PPM  | 20.2 PPM | 20.8 PPM | 29.0 PPM | 25.8 PPM | 19.4 PPM |
| V  | 21.2 PPM | 31.7 PPM  | 17.0 PPM | 14.1 PPM | 23.4 PPM | 36.7 PPM | 40.9 PPM | 52.0 PPM | 46.2 PPM | 38.1 PPM |
| MO | 14.9 PPM | 18.6 PPM  | 16.8 PPM | 13.7 PPM | 17.4 PPM | 11.7 PPM | 12.7 PPM | 14.0 PPM | 13.4 PPM | 12.8 PPM |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM   | 1.4 PPM  | <.3 PPM  | <.3 PPM  | 9.1 PPM  | 10.5 PPM | 13.7 PPM | 13.2 PPM | 10.8 PPM |
| BA | 71.8 PPM | 89.1 PPM  | 71.1 PPM | 49.0 PPM | 47.3 PPM | 73.5 PPM | 74.9 PPM | 95.0 PPM | 81.0 PPM | 74.2 PPM |
| SR | 11.8 PPM | 27.5 PPM  | 12.8 PPM | 7.4 PPM  | 9.9 PPM  | 8.6 PPM  | 9.7 PPM  | 11.6 PPM | 10.7 PPM | 8.3 PPM  |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 679      | 680      | 681      | 682       | 683       | 684       | 685       | 686       | 687       | 688      |
|----|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|
| SI | .04 %    | .03 %    | .03 %    | .03 %     | .03 %     | .04 %     | .04 %     | .03 %     | .03 %     | .03 %    |
| AL | .77 %    | .60 %    | .38 %    | 1.64 %    | 1.51 %    | 1.92 %    | 2.07 %    | 1.40 %    | 1.26 %    | 1.04 %   |
| FE | 1.23 %   | 1.18 %   | .83 %    | 2.19 %    | 2.13 %    | 2.14 %    | 2.30 %    | 1.76 %    | 1.50 %    | 1.54 %   |
| TI | .07 %    | .08 %    | .09 %    | .16 %     | .16 %     | .10 %     | .11 %     | .08 %     | .06 %     | .08 %    |
| MG | .36 %    | .23 %    | .10 %    | .86 %     | .82 %     | .66 %     | .74 %     | .53 %     | .45 %     | .49 %    |
| CA | .48 %    | .29 %    | .26 %    | .70 %     | .69 %     | .40 %     | .43 %     | .44 %     | .52 %     | .25 %    |
| NA | .06 %    | .04 %    | .04 %    | .05 %     | .05 %     | .08 %     | .08 %     | .08 %     | .09 %     | .04 %    |
| K  | .17 %    | .12 %    | .08 %    | .41 %     | .43 %     | .26 %     | .32 %     | .21 %     | .20 %     | .16 %    |
| MN | .03 %    | .02 %    | .02 %    | .04 %     | .04 %     | .03 %     | .03 %     | .02 %     | .02 %     | .01 %    |
| CU | 40.8 PPM | 19.7 PPM | 14.5 PPM | 41.7 PPM  | 40.7 PPM  | 82.4 PPM  | 87.8 PPM  | 56.3 PPM  | 50.9 PPM  | 44.6 PPM |
| ZN | 49.2 PPM | 35.0 PPM | 26.7 PPM | 72.7 PPM  | 70.2 PPM  | 89.1 PPM  | 92.4 PPM  | 73.1 PPM  | 58.0 PPM  | 34.5 PPM |
| PB | 12.0 PPM | 8.2 PPM  | 14.5 PPM | 32.2 PPM  | 27.2 PPM  | 22.0 PPM  | 16.8 PPM  | 16.0 PPM  | 13.5 PPM  | 6.8 PPM  |
| NI | 16.7 PPM | 5.5 PPM  | 1.6 PPM  | 21.5 PPM  | 18.7 PPM  | 25.4 PPM  | 26.6 PPM  | 22.8 PPM  | 20.8 PPM  | 10.8 PPM |
| CO | 18.3 PPM | 6.6 PPM  | 4.6 PPM  | 20.3 PPM  | 18.7 PPM  | 19.6 PPM  | 22.1 PPM  | 16.7 PPM  | 15.3 PPM  | 7.5 PPM  |
| V  | 33.8 PPM | 23.8 PPM | 14.6 PPM | 74.1 PPM  | 73.9 PPM  | 71.5 PPM  | 78.6 PPM  | 59.8 PPM  | 51.0 PPM  | 42.4 PPM |
| MO | 11.5 PPM | 13.9 PPM | 13.1 PPM | 13.0 PPM  | 12.1 PPM  | 15.6 PPM  | 16.2 PPM  | 12.4 PPM  | 13.3 PPM  | 13.0 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM |
| CR | 8.6 PPM  | <.3 PPM  | <.3 PPM  | 17.0 PPM  | 16.3 PPM  | 11.3 PPM  | 13.6 PPM  | 9.3 PPM   | 5.9 PPM   | 10.3 PPM |
| BA | 63.4 PPM | 54.4 PPM | 50.3 PPM | 143.8 PPM | 143.8 PPM | 122.1 PPM | 149.0 PPM | 121.6 PPM | 106.9 PPM | 58.5 PPM |
| SR | 8.2 PPM  | 6.1 PPM  | 3.8 PPM  | 16.1 PPM  | 15.2 PPM  | 21.5 PPM  | 24.4 PPM  | 24.4 PPM  | 29.4 PPM  | 8.0 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 689      | 690       | 691       | 692      | 693      | 694      | 695      | 696      | 697      | 698       |
|----|----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| SI | .03 %    | .04 %     | .04 %     | .04 %    | .04 %    | .04 %    | .04 %    | .03 %    | .03 %    | .03 %     |
| AL | 1.15 %   | 1.03 %    | 1.78 %    | 1.18 %   | .96 %    | 1.04 %   | 1.18 %   | 1.42 %   | 1.47 %   | 1.91 %    |
| FE | 1.86 %   | 2.15 %    | 2.80 %    | 1.54 %   | 1.48 %   | 1.58 %   | 1.80 %   | 2.23 %   | 2.13 %   | 2.89 %    |
| TI | .10 %    | .08 %     | .18 %     | .10 %    | .09 %    | .09 %    | .12 %    | .14 %    | .14 %    | .19 %     |
| MG | .52 %    | 1.37 %    | .60 %     | .48 %    | .38 %    | .43 %    | .49 %    | .55 %    | .69 %    | .82 %     |
| CA | .15 %    | 1.14 %    | .44 %     | .68 %    | .66 %    | .55 %    | .56 %    | .56 %    | .55 %    | .55 %     |
| NA | .03 %    | .04 %     | .04 %     | .04 %    | .04 %    | .04 %    | .03 %    | .04 %    | .05 %    | .04 %     |
| K  | .20 %    | .13 %     | .20 %     | .10 %    | .11 %    | .12 %    | .13 %    | .18 %    | .18 %    | .28 %     |
| MN | .01 %    | .03 %     | .14 %     | .02 %    | .02 %    | .03 %    | .04 %    | .06 %    | .05 %    | .07 %     |
| CU | 48.4 PPM | 23.2 PPM  | 26.5 PPM  | 19.7 PPM | 16.2 PPM | 25.3 PPM | 18.4 PPM | 26.0 PPM | 29.8 PPM | 25.8 PPM  |
| ZN | 39.5 PPM | 126.3 PPM | 142.5 PPM | 46.9 PPM | 52.8 PPM | 67.1 PPM | 60.1 PPM | 74.1 PPM | 87.4 PPM | 138.1 PPM |
| PB | 9.5 PPM  | 21.8 PPM  | 23.6 PPM  | 8.2 PPM  | 11.0 PPM | 10.1 PPM | 12.8 PPM | 12.8 PPM | 18.7 PPM | 18.9 PPM  |
| NI | 9.2 PPM  | 14.1 PPM  | 24.2 PPM  | 16.7 PPM | 13.5 PPM | 13.1 PPM | 14.4 PPM | 19.9 PPM | 33.1 PPM | 39.6 PPM  |
| CO | 8.6 PPM  | 20.0 PPM  | 39.9 PPM  | 11.0 PPM | 11.3 PPM | 15.5 PPM | 17.2 PPM | 19.8 PPM | 20.3 PPM | 29.0 PPM  |
| V  | 56.5 PPM | 31.3 PPM  | 50.7 PPM  | 37.0 PPM | 32.4 PPM | 33.3 PPM | 37.1 PPM | 43.5 PPM | 46.8 PPM | 59.7 PPM  |
| MO | 14.6 PPM | 16.5 PPM  | 15.6 PPM  | 13.0 PPM | 12.0 PPM | 13.3 PPM | 12.7 PPM | 14.5 PPM | 13.7 PPM | 15.8 PPM  |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  |
| CR | 7.3 PPM  | <.3 PPM   | 15.3 PPM  | 16.7 PPM | 10.5 PPM | 10.9 PPM | 7.4 PPM  | 8.5 PPM  | 28.2 PPM | 28.8 PPM  |
| BA | 67.6 PPM | 86.0 PPM  | 108.8 PPM | 74.0 PPM | 79.0 PPM | 72.8 PPM | 74.7 PPM | 84.4 PPM | 92.5 PPM | 99.7 PPM  |
| SR | 5.6 PPM  | 26.8 PPM  | 26.4 PPM  | 40.4 PPM | 42.5 PPM | 32.7 PPM | 42.7 PPM | 40.8 PPM | 44.4 PPM | 48.0 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 699      | 700       | 701       | 702      | 703       | 704      | 705       | 706      | 707      | 708      |
|----|----------|-----------|-----------|----------|-----------|----------|-----------|----------|----------|----------|
| SI | .04 %    | .04 %     | .05 %     | .04 %    | .04 %     | .06 %    | .04 %     | .04 %    | .04 %    | .04 %    |
| AL | 1.26 %   | 1.67 %    | 1.31 %    | 1.23 %   | 1.48 %    | 1.13 %   | 1.69 %    | 1.38 %   | 1.07 %   | .89 %    |
| FE | 1.99 %   | 2.47 %    | 2.01 %    | 1.91 %   | 2.24 %    | 1.72 %   | 2.47 %    | 2.13 %   | 2.21 %   | 1.93 %   |
| TI | .13 %    | .16 %     | .13 %     | .13 %    | .15 %     | .11 %    | .15 %     | .13 %    | .09 %    | .08 %    |
| MG | .57 %    | .74 %     | .56 %     | .57 %    | .70 %     | .45 %    | .63 %     | .58 %    | .38 %    | .31 %    |
| CA | .52 %    | .59 %     | .65 %     | .51 %    | .67 %     | .67 %    | .74 %     | .76 %    | .40 %    | .33 %    |
| NA | .04 %    | .04 %     | .04 %     | .04 %    | .04 %     | .04 %    | .05 %     | .05 %    | .04 %    | .04 %    |
| K  | .16 %    | .25 %     | .16 %     | .15 %    | .19 %     | .12 %    | .18 %     | .12 %    | .11 %    | .07 %    |
| MN | .04 %    | .06 %     | .06 %     | .04 %    | .06 %     | .04 %    | .06 %     | .04 %    | .07 %    | .03 %    |
| CU | 21.8 PPM | 28.0 PPM  | 22.2 PPM  | 20.1 PPM | 22.1 PPM  | 26.0 PPM | 32.7 PPM  | 28.1 PPM | 20.5 PPM | 20.0 PPM |
| ZN | 86.9 PPM | 117.2 PPM | 116.9 PPM | 81.3 PPM | 111.0 PPM | 77.1 PPM | 120.9 PPM | 85.6 PPM | 70.5 PPM | 48.8 PPM |
| PB | 13.5 PPM | 15.4 PPM  | 15.0 PPM  | 12.4 PPM | 18.5 PPM  | 8.9 PPM  | 9.1 PPM   | 8.9 PPM  | 11.7 PPM | 6.3 PPM  |
| NI | 25.3 PPM | 30.2 PPM  | 26.7 PPM  | 26.8 PPM | 32.9 PPM  | 16.9 PPM | 19.9 PPM  | 18.6 PPM | 12.8 PPM | 10.1 PPM |
| CO | 19.2 PPM | 24.9 PPM  | 20.2 PPM  | 18.0 PPM | 25.1 PPM  | 16.2 PPM | 24.0 PPM  | 20.0 PPM | 21.5 PPM | 13.7 PPM |
| V  | 41.3 PPM | 52.5 PPM  | 42.6 PPM  | 40.6 PPM | 48.3 PPM  | 33.2 PPM | 46.3 PPM  | 38.9 PPM | 39.2 PPM | 33.3 PPM |
| MO | 13.7 PPM | 14.1 PPM  | 13.9 PPM  | 12.9 PPM | 14.9 PPM  | 15.1 PPM | 15.0 PPM  | 15.0 PPM | 13.6 PPM | 12.5 PPM |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | 3.0 PPM  | 2.3 PPM  |
| CR | 21.1 PPM | 25.2 PPM  | 18.7 PPM  | 20.2 PPM | 26.2 PPM  | 4.5 PPM  | 5.6 PPM   | 2.1 PPM  | 3.0 PPM  | <.3 PPM  |
| BA | 84.4 PPM | 87.8 PPM  | 87.1 PPM  | 98.7 PPM | 91.2 PPM  | 72.5 PPM | 88.6 PPM  | 72.4 PPM | 60.6 PPM | 60.7 PPM |
| SR | 43.2 PPM | 49.0 PPM  | 53.8 PPM  | 43.6 PPM | 54.1 PPM  | 37.3 PPM | 46.4 PPM  | 47.8 PPM | 19.9 PPM | 15.2 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 709      | 710      | 711      | 712      | 713      | 714      | 715      | 716      | 717      | 718       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| SI | .06 %    | .05 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %    | .04 %     |
| AL | .82 %    | .86 %    | 1.72 %   | 1.44 %   | 1.26 %   | .97 %    | .56 %    | .61 %    | .16 %    | 2.12 %    |
| FE | 1.51 %   | 1.70 %   | 2.64 %   | 2.50 %   | 2.28 %   | 2.01 %   | .90 %    | 1.28 %   | .22 %    | 2.99 %    |
| TI | .07 %    | .07 %    | .16 %    | .13 %    | .13 %    | .09 %    | .06 %    | .07 %    | .02 %    | .18 %     |
| MG | .28 %    | .24 %    | .88 %    | .58 %    | .45 %    | .32 %    | .16 %    | .26 %    | .05 %    | 1.10 %    |
| CA | .35 %    | .35 %    | .62 %    | .56 %    | .31 %    | .27 %    | .20 %    | .33 %    | .11 %    | .91 %     |
| NA | .04 %    | .04 %    | .05 %    | .04 %    | .03 %    | .03 %    | .03 %    | .05 %    | .03 %    | .03 %     |
| K  | .08 %    | .07 %    | .17 %    | .16 %    | .15 %    | .10 %    | .05 %    | .07 %    | .03 %    | .22 %     |
| MN | .03 %    | .06 %    | .06 %    | .06 %    | .08 %    | .11 %    | .01 %    | .02 %    | < .01 %  | .11 %     |
| CU | 23.3 PPM | 23.8 PPM | 29.3 PPM | 31.0 PPM | 17.4 PPM | 16.3 PPM | 13.8 PPM | 24.8 PPM | 9.4 PPM  | 43.6 PPM  |
| ZN | 45.8 PPM | 69.0 PPM | 74.1 PPM | 76.7 PPM | 72.8 PPM | 63.0 PPM | 27.4 PPM | 20.4 PPM | 6.7 PPM  | 157.8 PPM |
| PB | 9.2 PPM  | 14.0 PPM | 13.2 PPM | 17.9 PPM | 22.2 PPM | 20.4 PPM | 12.3 PPM | 10.8 PPM | 7.4 PPM  | 14.2 PPM  |
| NI | 8.2 PPM  | 10.2 PPM | 16.3 PPM | 13.9 PPM | 9.4 PPM  | 10.4 PPM | 4.5 PPM  | 14.2 PPM | 3.1 PPM  | 29.5 PPM  |
| CO | 11.5 PPM | 19.3 PPM | 27.2 PPM | 30.6 PPM | 34.4 PPM | 42.6 PPM | 7.6 PPM  | 7.6 PPM  | 1.5 PPM  | 27.6 PPM  |
| V  | 28.2 PPM | 30.6 PPM | 60.2 PPM | 52.7 PPM | 51.2 PPM | 37.9 PPM | 19.9 PPM | 29.7 PPM | 6.8 PPM  | 63.3 PPM  |
| MO | 12.9 PPM | 12.9 PPM | 14.5 PPM | 15.7 PPM | 15.8 PPM | 14.8 PPM | 10.5 PPM | 11.6 PPM | 8.3 PPM  | 18.5 PPM  |
| CD | 1.1 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  |
| CR | 1.9 PPM  | < .3 PPM | 12.9 PPM | .7 PPM   | 3.0 PPM  | < .3 PPM | 2.3 PPM  | 13.0 PPM | .5 PPM   | 18.1 PPM  |
| BA | 57.3 PPM | 65.2 PPM | 82.1 PPM | 85.2 PPM | 78.4 PPM | 64.8 PPM | 52.3 PPM | 54.7 PPM | 37.0 PPM | 87.2 PPM  |
| SR | 14.6 PPM | 17.8 PPM | 20.7 PPM | 29.5 PPM | 13.6 PPM | 14.7 PPM | 12.3 PPM | 10.0 PPM | 5.8 PPM  | 45.0 PPM  |

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DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 719       | 720       | 721       | 722      | 723      | 724      | 725      | 726      | 727      | 728       |
|----|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-----------|
| SI | .04 %     | .04 %     | .04 %     | .04 %    | .05 %    | .05 %    | .04 %    | .02 %    | .05 %    | .04 %     |
| AL | 2.39 %    | 3.02 %    | 1.94 %    | .69 %    | .70 %    | 1.02 %   | .97 %    | .59 %    | 1.04 %   | 2.71 %    |
| FE | 3.04 %    | 4.75 %    | 2.74 %    | 1.11 %   | 1.29 %   | 1.83 %   | 1.64 %   | .89 %    | 1.76 %   | 3.44 %    |
| TI | .20 %     | .23 %     | .23 %     | .09 %    | .10 %    | .14 %    | .11 %    | .06 %    | .10 %    | .27 %     |
| MG | 1.34 %    | 1.52 %    | .92 %     | .33 %    | .32 %    | .43 %    | .41 %    | .25 %    | .44 %    | 1.42 %    |
| CA | .78 %     | .66 %     | .40 %     | .27 %    | .26 %    | .24 %    | .22 %    | .18 %    | .23 %    | .86 %     |
| NA | .04 %     | .03 %     | .04 %     | .03 %    | .04 %    | .03 %    | .03 %    | .04 %    | .04 %    | .04 %     |
| K  | .29 %     | .49 %     | .28 %     | .08 %    | .11 %    | .19 %    | .16 %    | .08 %    | .16 %    | .37 %     |
| MN | .10 %     | .34 %     | .06 %     | .02 %    | .02 %    | .02 %    | .02 %    | .01 %    | .02 %    | .11 %     |
| CU | 55.6 PPM  | 39.8 PPM  | 29.7 PPM  | 14.1 PPM | 20.6 PPM | 16.3 PPM | 16.0 PPM | 16.5 PPM | 23.1 PPM | 54.1 PPM  |
| ZN | 166.2 PPM | 145.2 PPM | 59.6 PPM  | 23.7 PPM | 25.2 PPM | 36.6 PPM | 36.6 PPM | 22.8 PPM | 42.5 PPM | 158.6 PPM |
| PB | 5.4 PPM   | 46.9 PPM  | 17.1 PPM  | 7.6 PPM  | 12.4 PPM | 18.7 PPM | 20.4 PPM | 11.5 PPM | 24.5 PPM | 11.0 PPM  |
| NI | 38.3 PPM  | 39.9 PPM  | 23.0 PPM  | 11.4 PPM | 11.3 PPM | 10.0 PPM | 13.8 PPM | 7.9 PPM  | 13.6 PPM | 27.4 PPM  |
| CO | 28.0 PPM  | 91.2 PPM  | 32.1 PPM  | 9.8 PPM  | 9.6 PPM  | 12.3 PPM | 10.1 PPM | 5.7 PPM  | 10.4 PPM | 25.7 PPM  |
| V  | 74.1 PPM  | 110.6 PPM | 79.5 PPM  | 28.9 PPM | 32.0 PPM | 43.7 PPM | 37.4 PPM | 21.2 PPM | 36.7 PPM | 96.3 PPM  |
| MO | 15.9 PPM  | 23.5 PPM  | 15.2 PPM  | 11.5 PPM | 10.8 PPM | 13.0 PPM | 12.3 PPM | 10.0 PPM | 13.4 PPM | 18.4 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  |
| CR | 24.6 PPM  | 27.9 PPM  | 36.8 PPM  | 11.7 PPM | 7.4 PPM  | 7.5 PPM  | 12.0 PPM | 8.7 PPM  | 11.6 PPM | 27.4 PPM  |
| BA | 104.9 PPM | 161.8 PPM | 102.7 PPM | 50.3 PPM | 58.4 PPM | 74.9 PPM | 67.3 PPM | 51.3 PPM | 66.4 PPM | 131.6 PPM |
| SR | 37.7 PPM  | 40.3 PPM  | 15.4 PPM  | 13.4 PPM | 13.3 PPM | 10.2 PPM | 13.5 PPM | 12.0 PPM | 16.5 PPM | 40.2 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 729       | 730       | 731       | 732       | 733       | 734      | 735      | 736      | 737      | 738       |
|----|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|-----------|
| SI | .04 %     | .04 %     | .03 %     | .03 %     | .03 %     | .04 %    | .03 %    | .04 %    | .03 %    | .07 %     |
| AL | 1.81 %    | 1.91 %    | 2.35 %    | 1.89 %    | 2.39 %    | 1.12 %   | 3.73 %   | 1.49 %   | 8.54 %   | 1.06 %    |
| FE | 2.21 %    | 2.28 %    | 3.03 %    | 2.21 %    | 3.44 %    | .86 %    | .91 %    | .93 %    | .72 %    | 1.14 %    |
| TI | .12 %     | .13 %     | .17 %     | .13 %     | .21 %     | .06 %    | .03 %    | .05 %    | .02 %    | .09 %     |
| MG | .78 %     | .85 %     | 1.25 %    | .87 %     | 1.17 %    | .14 %    | .06 %    | .08 %    | .06 %    | .29 %     |
| CA | .89 %     | 1.09 %    | 1.02 %    | 1.02 %    | .69 %     | .19 %    | .16 %    | .14 %    | .13 %    | .35 %     |
| NA | .04 %     | .04 %     | .03 %     | .04 %     | .03 %     | .03 %    | .03 %    | .03 %    | .04 %    | .04 %     |
| K  | .08 %     | .12 %     | .24 %     | .14 %     | .42 %     | .10 %    | .06 %    | .08 %    | .06 %    | .19 %     |
| MN | .05 %     | .05 %     | .08 %     | .04 %     | .13 %     | .02 %    | .06 %    | .02 %    | .09 %    | .02 %     |
| CU | 26.1 PPM  | 29.5 PPM  | 33.1 PPM  | 26.1 PPM  | 41.9 PPM  | 17.8 PPM | 31.7 PPM | 26.4 PPM | 58.9 PPM | 24.0 PPM  |
| ZN | 123.8 PPM | 131.0 PPM | 133.4 PPM | 113.6 PPM | 156.4 PPM | 67.9 PPM | 60.2 PPM | 49.6 PPM | 89.5 PPM | 90.6 PPM  |
| PB | 11.1 PPM  | 9.6 PPM   | 7.9 PPM   | 10.9 PPM  | 21.4 PPM  | 13.9 PPM | 12.1 PPM | 10.6 PPM | <1.0 PPM | 11.1 PPM  |
| NI | 14.3 PPM  | 18.3 PPM  | 23.1 PPM  | 18.6 PPM  | 33.4 PPM  | 8.0 PPM  | 7.6 PPM  | 6.6 PPM  | 16.6 PPM | 10.0 PPM  |
| CO | 17.0 PPM  | 19.5 PPM  | 22.9 PPM  | 17.9 PPM  | 26.6 PPM  | 5.4 PPM  | 4.8 PPM  | 3.8 PPM  | 9.4 PPM  | 10.2 PPM  |
| V  | 41.7 PPM  | 44.8 PPM  | 51.0 PPM  | 44.8 PPM  | 56.6 PPM  | 15.3 PPM | 11.1 PPM | 11.7 PPM | 10.9 PPM | 24.8 PPM  |
| MO | 13.3 PPM  | 15.2 PPM  | 18.3 PPM  | 13.7 PPM  | 20.0 PPM  | 20.8 PPM | 22.8 PPM | 21.5 PPM | 20.6 PPM | 17.4 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | 1.2 PPM  | <1.0 PPM  |
| CR | 6.1 PPM   | 10.0 PPM  | 9.2 PPM   | 12.9 PPM  | 3.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   |
| BA | 64.9 PPM  | 65.4 PPM  | 95.8 PPM  | 61.8 PPM  | 134.9 PPM | 49.8 PPM | 48.4 PPM | 42.5 PPM | 50.8 PPM | 163.5 PPM |
| SR | 60.0 PPM  | 69.7 PPM  | 71.3 PPM  | 42.0 PPM  | 40.4 PPM  | 8.8 PPM  | 8.7 PPM  | 6.5 PPM  | 8.0 PPM  | 27.7 PPM  |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 739      | 740       | 741       | 742       | 743      | 744       | 745      | 746       | 747       | 748       |
|----|----------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|-----------|
| SI | .03 %    | .04 %     | .04 %     | .03 %     | .03 %    | .03 %     | .03 %    | .03 %     | .04 %     | .03 %     |
| AL | .99 %    | .99 %     | 1.21 %    | 1.21 %    | 1.01 %   | 1.07 %    | 1.16 %   | 1.27 %    | 1.39 %    | 1.26 %    |
| FE | 2.61 %   | 2.83 %    | 3.43 %    | 3.06 %    | 2.95 %   | 2.91 %    | 2.23 %   | 3.21 %    | 3.11 %    | 3.18 %    |
| TI | .12 %    | .13 %     | .15 %     | .13 %     | .13 %    | .13 %     | .11 %    | .14 %     | .13 %     | .13 %     |
| MG | .31 %    | .35 %     | .42 %     | .38 %     | .34 %    | .33 %     | .30 %    | .43 %     | .40 %     | .38 %     |
| CA | .32 %    | .34 %     | .37 %     | .31 %     | .31 %    | .34 %     | .31 %    | .32 %     | .34 %     | .33 %     |
| NA | .04 %    | .03 %     | .05 %     | .04 %     | .04 %    | .04 %     | .04 %    | .04 %     | .04 %     | .04 %     |
| K  | .22 %    | .23 %     | .29 %     | .27 %     | .24 %    | .24 %     | .23 %    | .30 %     | .29 %     | .27 %     |
| MN | .05 %    | .05 %     | .07 %     | .06 %     | .06 %    | .06 %     | .05 %    | .08 %     | .06 %     | .07 %     |
| CU | 55.7 PPM | 57.7 PPM  | 89.4 PPM  | 73.0 PPM  | 65.8 PPM | 64.1 PPM  | 61.9 PPM | 71.6 PPM  | 82.8 PPM  | 67.5 PPM  |
| ZN | 84.0 PPM | 110.5 PPM | 119.8 PPM | 105.3 PPM | 99.7 PPM | 102.2 PPM | 89.3 PPM | 111.5 PPM | 125.0 PPM | 124.4 PPM |
| PB | 10.8 PPM | 10.2 PPM  | 15.8 PPM  | 16.1 PPM  | 13.2 PPM | 19.5 PPM  | 14.9 PPM | 16.7 PPM  | 20.6 PPM  | 19.0 PPM  |
| NI | 25.6 PPM | 29.9 PPM  | 41.8 PPM  | 32.9 PPM  | 25.2 PPM | 28.4 PPM  | 30.1 PPM | 32.5 PPM  | 34.0 PPM  | 35.2 PPM  |
| CO | 17.9 PPM | 19.2 PPM  | 23.5 PPM  | 20.8 PPM  | 19.3 PPM | 18.5 PPM  | 17.0 PPM | 23.8 PPM  | 23.1 PPM  | 20.8 PPM  |
| V  | 34.9 PPM | 37.3 PPM  | 47.8 PPM  | 40.5 PPM  | 36.8 PPM | 37.0 PPM  | 31.0 PPM | 44.1 PPM  | 41.8 PPM  | 39.9 PPM  |
| MO | 31.6 PPM | 31.8 PPM  | 41.6 PPM  | 37.5 PPM  | 35.4 PPM | 34.6 PPM  | 29.0 PPM | 38.3 PPM  | 37.4 PPM  | 36.1 PPM  |
| CD | <1.0 PPM | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | 1.2 PPM   | <1.0 PPM  |
| CR | <.3 PPM  | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM   | <.3 PPM  | <.3 PPM   | <.3 PPM   | <.3 PPM   |
| BA | 79.8 PPM | 72.2 PPM  | 83.2 PPM  | 77.7 PPM  | 73.9 PPM | 71.5 PPM  | 79.2 PPM | 75.5 PPM  | 81.1 PPM  | 79.4 PPM  |
| SR | 20.8 PPM | 20.5 PPM  | 22.7 PPM  | 21.0 PPM  | 20.5 PPM | 22.5 PPM  | 21.4 PPM | 22.5 PPM  | 23.4 PPM  | 23.1 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 749       | 750      | 751      | 752      | 753      | 754      | 755      | 756      | 757      | 758      |
|----|-----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %     | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    | .03 %    |
| AL | 1.28 %    | 1.08 %   | 1.40 %   | .99 %    | 1.17 %   | 1.22 %   | .75 %    | .77 %    | .95 %    | .89 %    |
| FE | 3.13 %    | 1.95 %   | 2.01 %   | 1.66 %   | 2.07 %   | 2.19 %   | 1.44 %   | 1.67 %   | 1.64 %   | 1.58 %   |
| TI | .13 %     | .10 %    | .13 %    | .10 %    | .12 %    | .13 %    | .09 %    | .09 %    | .11 %    | .10 %    |
| MG | .40 %     | .31 %    | .66 %    | .43 %    | .51 %    | .56 %    | .28 %    | .30 %    | .39 %    | .31 %    |
| CA | .31 %     | .31 %    | .46 %    | .38 %    | .33 %    | .37 %    | .24 %    | .20 %    | .21 %    | .26 %    |
| NA | .04 %     | .04 %    | .05 %    | .05 %    | .04 %    | .05 %    | .04 %    | .04 %    | .04 %    | .04 %    |
| K  | .28 %     | .23 %    | .23 %    | .16 %    | .18 %    | .20 %    | .09 %    | .10 %    | .13 %    | .10 %    |
| MN | .06 %     | .03 %    | .05 %    | .04 %    | .03 %    | .03 %    | .02 %    | .01 %    | .01 %    | .03 %    |
| CU | 70.0 PPM  | 47.3 PPM | 21.7 PPM | 17.7 PPM | 17.0 PPM | 20.2 PPM | 18.4 PPM | 15.8 PPM | 13.7 PPM | 16.7 PPM |
| ZN | 119.0 PPM | 82.5 PPM | 57.6 PPM | 42.8 PPM | 56.6 PPM | 62.1 PPM | 36.8 PPM | 33.8 PPM | 42.2 PPM | 42.0 PPM |
| PB | 22.5 PPM  | 18.1 PPM | 7.8 PPM  | 4.2 PPM  | 8.1 PPM  | 10.3 PPM | 13.9 PPM | 6.6 PPM  | 9.0 PPM  | 20.1 PPM |
| NI | 36.5 PPM  | 24.6 PPM | 17.0 PPM | 14.4 PPM | 11.0 PPM | 12.9 PPM | 4.7 PPM  | 7.7 PPM  | 10.4 PPM | 8.3 PPM  |
| CO | 21.9 PPM  | 15.6 PPM | 18.8 PPM | 14.1 PPM | 16.7 PPM | 16.8 PPM | 10.8 PPM | 8.0 PPM  | 9.1 PPM  | 14.6 PPM |
| V  | 39.9 PPM  | 28.5 PPM | 42.1 PPM | 32.1 PPM | 39.0 PPM | 43.4 PPM | 28.9 PPM | 29.0 PPM | 32.9 PPM | 34.5 PPM |
| MO | 37.1 PPM  | 24.0 PPM | 12.8 PPM | 12.7 PPM | 13.6 PPM | 12.7 PPM | 11.0 PPM | 10.7 PPM | 11.4 PPM | 11.9 PPM |
| CD | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM   | <.3 PPM  | 10.8 PPM | 6.0 PPM  | 4.8 PPM  | 4.1 PPM  | 2.2 PPM  | 1.0 PPM  | 6.2 PPM  | 2.0 PPM  |
| BA | 78.7 PPM  | 81.0 PPM | 80.9 PPM | 73.8 PPM | 74.0 PPM | 79.7 PPM | 55.1 PPM | 51.1 PPM | 52.5 PPM | 53.1 PPM |
| SR | 22.4 PPM  | 20.6 PPM | 20.6 PPM | 17.3 PPM | 15.7 PPM | 16.3 PPM | 13.4 PPM | 10.9 PPM | 12.0 PPM | 14.0 PPM |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 759      | 760      | 761      | 762      | 763      | 764      | 765       | 766      | 767      | 768      |
|----|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|
| SI | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %     | .03 %    | .03 %    | .04 %    |
| AL | .98 %    | .86 %    | .99 %    | .86 %    | 1.18 %   | 1.51 %   | 1.88 %    | 1.26 %   | 1.32 %   | .58 %    |
| FE | 1.37 %   | 1.67 %   | 1.82 %   | 1.51 %   | 1.98 %   | 2.26 %   | 2.73 %    | 1.74 %   | 1.80 %   | .67 %    |
| TI | .11 %    | .10 %    | .12 %    | .10 %    | .14 %    | .17 %    | .19 %     | .12 %    | .13 %    | .05 %    |
| MG | .41 %    | .38 %    | .38 %    | .36 %    | .54 %    | .71 %    | .79 %     | .43 %    | .44 %    | .09 %    |
| CA | .22 %    | .22 %    | .27 %    | .33 %    | .36 %    | .48 %    | .46 %     | .33 %    | .31 %    | .13 %    |
| NA | .05 %    | .04 %    | .06 %    | .04 %    | .04 %    | .05 %    | .05 %     | .05 %    | .06 %    | .03 %    |
| K  | .13 %    | .15 %    | .13 %    | .12 %    | .21 %    | .29 %    | .35 %     | .18 %    | .20 %    | .06 %    |
| MN | .01 %    | .03 %    | .03 %    | .03 %    | .05 %    | .06 %    | .07 %     | .03 %    | .02 %    | .02 %    |
| CU | 20.1 PPM | 18.3 PPM | 19.0 PPM | 15.6 PPM | 20.0 PPM | 29.2 PPM | 32.5 PPM  | 33.5 PPM | 34.5 PPM | 10.8 PPM |
| ZN | 50.7 PPM | 46.5 PPM | 52.0 PPM | 42.6 PPM | 70.4 PPM | 94.7 PPM | 129.3 PPM | 66.3 PPM | 59.8 PPM | 57.3 PPM |
| PB | 15.6 PPM | 15.8 PPM | 15.9 PPM | 10.6 PPM | 20.9 PPM | 28.8 PPM | 39.2 PPM  | 39.5 PPM | 35.1 PPM | 7.4 PPM  |
| NI | 12.6 PPM | 11.4 PPM | 9.8 PPM  | 8.6 PPM  | 14.2 PPM | 18.8 PPM | 23.8 PPM  | 18.2 PPM | 17.0 PPM | 3.3 PPM  |
| CO | 8.8 PPM  | 16.1 PPM | 17.2 PPM | 11.3 PPM | 22.0 PPM | 28.0 PPM | 27.3 PPM  | 17.8 PPM | 14.9 PPM | 3.4 PPM  |
| V  | 33.5 PPM | 34.7 PPM | 39.1 PPM | 33.5 PPM | 46.9 PPM | 60.7 PPM | 65.2 PPM  | 41.3 PPM | 44.2 PPM | 11.4 PPM |
| MO | 15.2 PPM | 12.0 PPM | 13.7 PPM | 11.6 PPM | 13.2 PPM | 13.8 PPM | 15.9 PPM  | 14.1 PPM | 13.9 PPM | 13.9 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | 6.6 PPM  | 5.6 PPM  | 3.6 PPM  | 2.9 PPM  | 9.8 PPM  | 12.0 PPM | 18.0 PPM  | 9.4 PPM  | 8.9 PPM  | <.3 PPM  |
| BA | 69.2 PPM | 66.6 PPM | 65.9 PPM | 54.8 PPM | 77.2 PPM | 98.7 PPM | 102.9 PPM | 84.7 PPM | 79.5 PPM | 43.8 PPM |
| SR | 13.0 PPM | 12.5 PPM | 15.0 PPM | 15.9 PPM | 16.8 PPM | 19.5 PPM | 30.3 PPM  | 26.1 PPM | 19.9 PPM | 6.6 PPM  |

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DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 769      | 770      | 771      | 772      | 773      | 774      | 775      | 776      | 777      | 778      |
|----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    | .03 %    | .04 %    | .03 %    | .03 %    | .03 %    |
| AL | .79 %    | .88 %    | .80 %    | .65 %    | .60 %    | 1.54 %   | 1.34 %   | .97 %    | .97 %    | 1.23 %   |
| FE | .55 %    | 1.16 %   | .95 %    | .54 %    | .79 %    | 1.91 %   | 2.14 %   | 1.63 %   | 1.64 %   | 2.10 %   |
| TI | .05 %    | .05 %    | .08 %    | .06 %    | .06 %    | .09 %    | .09 %    | .08 %    | .09 %    | .10 %    |
| MG | .08 %    | .08 %    | .22 %    | .15 %    | .17 %    | .28 %    | .29 %    | .27 %    | .28 %    | .35 %    |
| CH | .17 %    | .13 %    | .34 %    | .21 %    | .27 %    | .28 %    | .28 %    | .28 %    | .29 %    | .29 %    |
| NA | .04 %    | .05 %    | .04 %    | .04 %    | .03 %    | .04 %    | .04 %    | .03 %    | .04 %    | .04 %    |
| K  | .06 %    | .06 %    | .12 %    | .09 %    | .12 %    | .17 %    | .18 %    | .16 %    | .17 %    | .22 %    |
| MN | .01 %    | .05 %    | .02 %    | .01 %    | .02 %    | .05 %    | .10 %    | .02 %    | .04 %    | .06 %    |
| CU | 15.5 PPM | 17.8 PPM | 37.2 PPM | 18.4 PPM | 17.3 PPM | 34.0 PPM | 36.6 PPM | 31.3 PPM | 27.1 PPM | 34.9 PPM |
| ZN | 45.0 PPM | 58.2 PPM | 75.5 PPM | 42.4 PPM | 47.5 PPM | 96.8 PPM | 95.1 PPM | 62.8 PPM | 69.6 PPM | 93.1 PPM |
| PB | 7.9 PPM  | 16.0 PPM | 14.2 PPM | 17.5 PPM | 8.7 PPM  | 15.1 PPM | 16.2 PPM | 11.8 PPM | 13.4 PPM | 12.9 PPM |
| HI | 2.7 PPM  | 4.3 PPM  | 8.0 PPM  | 1.7 PPM  | 4.1 PPM  | 15.3 PPM | 16.3 PPM | 13.1 PPM | 13.0 PPM | 20.1 PPM |
| CO | 2.6 PPM  | 5.4 PPM  | 4.6 PPM  | 3.8 PPM  | 4.9 PPM  | 13.2 PPM | 20.8 PPM | 9.9 PPM  | 11.8 PPM | 17.3 PPM |
| V  | 10.5 PPM | 14.4 PPM | 17.9 PPM | 16.6 PPM | 15.4 PPM | 28.0 PPM | 29.6 PPM | 25.9 PPM | 26.5 PPM | 31.8 PPM |
| MO | 17.1 PPM | 34.8 PPM | 15.8 PPM | 14.7 PPM | 15.0 PPM | 34.2 PPM | 38.3 PPM | 29.5 PPM | 29.6 PPM | 34.8 PPM |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  |
| BA | 46.3 PPM | 49.3 PPM | 75.2 PPM | 58.3 PPM | 55.9 PPM | 70.9 PPM | 72.7 PPM | 70.1 PPM | 67.8 PPM | 75.5 PPM |
| SR | 8.6 PPM  | 7.7 PPM  | 16.8 PPM | 12.2 PPM | 14.6 PPM | 17.2 PPM | 18.7 PPM | 18.7 PPM | 18.6 PPM | 19.7 PPM |

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE.

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 779       | 780       | 781       | 782       | 783       | 784       | 785      | 786      | 787       | 788      |
|----|-----------|-----------|-----------|-----------|-----------|-----------|----------|----------|-----------|----------|
| SI | .03 %     | .04 %     | .03 %     | .03 %     | .03 %     | .03 %     | .03 %    | .03 %    | .03 %     | .03 %    |
| AL | 1.41 %    | 1.32 %    | 1.97 %    | 1.41 %    | 1.66 %    | 2.95 %    | .92 %    | 1.33 %   | 2.23 %    | 1.35 %   |
| FE | 2.20 %    | 2.06 %    | 2.57 %    | 2.26 %    | 2.62 %    | 3.50 %    | 1.46 %   | 2.19 %   | 2.98 %    | 2.42 %   |
| TI | .10 %     | .10 %     | .10 %     | .10 %     | .10 %     | .10 %     | .09 %    | .11 %    | .11 %     | .11 %    |
| MG | .36 %     | .35 %     | .37 %     | .36 %     | .38 %     | .35 %     | .28 %    | .32 %    | .43 %     | .39 %    |
| CA | .28 %     | .29 %     | .32 %     | .29 %     | .29 %     | .29 %     | .26 %    | .27 %    | .29 %     | .25 %    |
| NA | .04 %     | .05 %     | .04 %     | .05 %     | .04 %     | .04 %     | .04 %    | .03 %    | .04 %     | .04 %    |
| K  | .25 %     | .21 %     | .23 %     | .23 %     | .24 %     | .23 %     | .16 %    | .22 %    | .27 %     | .27 %    |
| MN | .06 %     | .07 %     | .10 %     | .10 %     | .08 %     | .09 %     | .02 %    | .04 %    | .14 %     | .03 %    |
| CU | 41.1 PPM  | 36.8 PPM  | 52.6 PPM  | 40.1 PPM  | 50.9 PPM  | 53.2 PPM  | 55.7 PPM | 36.7 PPM | 76.4 PPM  | 52.6 PPM |
| ZN | 102.2 PPM | 100.2 PPM | 139.4 PPM | 109.8 PPM | 115.4 PPM | 127.4 PPM | 45.5 PPM | 78.6 PPM | 126.6 PPM | 74.9 PPM |
| PB | 12.5 PPM  | 10.3 PPM  | 17.2 PPM  | 16.1 PPM  | 16.2 PPM  | 14.2 PPM  | 9.9 PPM  | 15.6 PPM | 17.7 PPM  | 15.9 PPM |
| NI | 21.9 PPM  | 20.4 PPM  | 32.3 PPM  | 24.5 PPM  | 25.2 PPM  | 27.5 PPM  | 11.1 PPM | 17.3 PPM | 31.8 PPM  | 18.7 PPM |
| CO | 19.5 PPM  | 16.8 PPM  | 25.9 PPM  | 23.9 PPM  | 22.9 PPM  | 25.1 PPM  | 5.8 PPM  | 13.8 PPM | 35.0 PPM  | 12.2 PPM |
| V  | 33.5 PPM  | 31.0 PPM  | 35.8 PPM  | 33.0 PPM  | 35.6 PPM  | 38.2 PPM  | 27.7 PPM | 30.7 PPM | 43.5 PPM  | 36.2 PPM |
| MO | 38.4 PPM  | 36.2 PPM  | 45.6 PPM  | 40.1 PPM  | 51.1 PPM  | 45.0 PPM  | 29.1 PPM | 41.1 PPM | 50.2 PPM  | 47.0 PPM |
| CD | 1.1 PPM   | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM | <1.0 PPM  | <1.0 PPM |
| CR | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM   | <.3 PPM  |
| BA | 85.2 PPM  | 82.1 PPM  | 92.7 PPM  | 80.8 PPM  | 89.2 PPM  | 89.0 PPM  | 71.0 PPM | 76.2 PPM | 94.3 PPM  | 85.9 PPM |
| SR | 20.8 PPM  | 19.0 PPM  | 22.0 PPM  | 20.0 PPM  | 20.1 PPM  | 19.8 PPM  | 16.3 PPM | 18.3 PPM | 20.9 PPM  | 18.7 PPM |

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DATO: 1/2-79

ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J. R. KROG.

|    | 789       | 790       | 791       | 792       | 793       | 794      | 795       | 796      | 797       | 798       |
|----|-----------|-----------|-----------|-----------|-----------|----------|-----------|----------|-----------|-----------|
| SI | .03 %     | .03 %     | .03 %     | .03 %     | .03 %     | .03 %    | .04 %     | .03 %    | .03 %     | .04 %     |
| AL | 1.75 %    | 2.34 %    | 2.05 %    | 1.82 %    | 1.36 %    | 1.00 %   | .81 %     | .88 %    | 1.14 %    | 1.51 %    |
| FE | 3.47 %    | 3.30 %    | 3.00 %    | 2.28 %    | 2.09 %    | 2.41 %   | 2.91 %    | 2.21 %   | 2.99 %    | 3.33 %    |
| TI | .13 %     | .11 %     | .12 %     | .10 %     | .10 %     | .09 %    | .07 %     | .08 %    | .09 %     | .12 %     |
| MG | .54 %     | .45 %     | .59 %     | .45 %     | .40 %     | .47 %    | .37 %     | .43 %    | .59 %     | 1.09 %    |
| CA | .28 %     | .26 %     | .28 %     | .29 %     | .28 %     | .34 %    | .37 %     | .38 %    | .46 %     | 1.02 %    |
| NA | .04 %     | .05 %     | .04 %     | .04 %     | .04 %     | .04 %    | .03 %     | .03 %    | .04 %     | .04 %     |
| K  | .37 %     | .31 %     | .42 %     | .29 %     | .28 %     | .19 %    | .10 %     | .13 %    | .18 %     | .17 %     |
| MN | .14 %     | .17 %     | .09 %     | .06 %     | .06 %     | .06 %    | .14 %     | .05 %    | .13 %     | .13 %     |
| CU | 74.4 PPM  | 92.6 PPM  | 75.7 PPM  | 60.7 PPM  | 42.7 PPM  | 27.6 PPM | 32.3 PPM  | 25.5 PPM | 42.7 PPM  | 49.0 PPM  |
| ZN | 106.0 PPM | 139.4 PPM | 131.7 PPM | 150.2 PPM | 109.4 PPM | 90.9 PPM | 139.8 PPM | 97.8 PPM | 117.9 PPM | 120.3 PPM |
| PB | 15.4 PPM  | 19.6 PPM  | 22.2 PPM  | 22.8 PPM  | 19.7 PPM  | 12.1 PPM | 11.1 PPM  | 8.8 PPM  | 10.7 PPM  | 9.9 PPM   |
| NI | 27.4 PPM  | 33.6 PPM  | 32.2 PPM  | 37.6 PPM  | 30.1 PPM  | 23.7 PPM | 37.7 PPM  | 21.8 PPM | 37.7 PPM  | 43.0 PPM  |
| CO | 35.0 PPM  | 45.4 PPM  | 24.4 PPM  | 23.1 PPM  | 18.9 PPM  | 13.7 PPM | 15.9 PPM  | 10.8 PPM | 18.9 PPM  | 21.9 PPM  |
| V  | 49.3 PPM  | 44.9 PPM  | 49.0 PPM  | 37.7 PPM  | 32.3 PPM  | 23.6 PPM | 23.0 PPM  | 22.2 PPM | 41.8 PPM  | 75.8 PPM  |
| MO | 50.0 PPM  | 55.9 PPM  | 45.6 PPM  | 34.0 PPM  | 30.6 PPM  | 13.3 PPM | 14.4 PPM  | 13.5 PPM | 13.9 PPM  | 16.5 PPM  |
| CD | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM | <1.0 PPM  | <1.0 PPM  |
| CR | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM   | <.3 PPM  | <.3 PPM   | 8.5 PPM   |
| BA | 94.7 PPM  | 97.5 PPM  | 111.7 PPM | 99.3 PPM  | 95.3 PPM  | 64.2 PPM | 66.6 PPM  | 58.9 PPM | 74.5 PPM  | 86.5 PPM  |
| SR | 19.8 PPM  | 19.3 PPM  | 20.1 PPM  | 22.5 PPM  | 21.6 PPM  | 19.9 PPM | 21.1 PPM  | 21.6 PPM | 30.5 PPM  | 46.9 PPM  |

SIDE 65

DATO: 1/2-79

## ANALYSE-RAPPORT

NORGES GEOLOGISKE UNDERSØKELSE

OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

|    | 799      | 800      | 801      | 802      | 803      | 804      | 805      | 806      | 807       | 808       |
|----|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| SI | .03 %    | .03 %    | .04 %    | .04 %    | .03 %    | .03 %    | .04 %    | .03 %    | .04 %     | .05 %     |
| AL | 1.54 %   | 1.62 %   | .94 %    | 1.00 %   | .82 %    | .84 %    | .87 %    | .71 %    | 1.81 %    | 2.93 %    |
| FE | 3.08 %   | 3.24 %   | 2.51 %   | 2.49 %   | 1.65 %   | 1.28 %   | 2.08 %   | 1.52 %   | 4.72 %    | 5.91 %    |
| TI | .12 %    | .14 %    | .08 %    | .09 %    | .07 %    | .06 %    | .08 %    | .07 %    | .11 %     | .10 %     |
| MG | 1.05 %   | 1.15 %   | .35 %    | .43 %    | .28 %    | .26 %    | .28 %    | .25 %    | .43 %     | .44 %     |
| CA | .61 %    | .79 %    | .24 %    | .23 %    | .21 %    | .23 %    | .23 %    | .27 %    | .33 %     | .37 %     |
| NA | .03 %    | .04 %    | .04 %    | .04 %    | .03 %    | .04 %    | .04 %    | .03 %    | .07 %     | .07 %     |
| K  | .17 %    | .13 %    | .26 %    | .34 %    | .20 %    | .25 %    | .17 %    | .15 %    | .24 %     | .32 %     |
| MN | .10 %    | .09 %    | .05 %    | .05 %    | .03 %    | .03 %    | .02 %    | .02 %    | .14 %     | .30 %     |
| CU | 42.1 PPM | 47.6 PPM | 57.8 PPM | 52.6 PPM | 40.3 PPM | 26.0 PPM | 45.9 PPM | 37.9 PPM | 100.3 PPM | 145.6 PPM |
| ZN | 97.4 PPM | 93.8 PPM | 88.9 PPM | 80.6 PPM | 60.1 PPM | 42.8 PPM | 52.3 PPM | 44.5 PPM | 200.8 PPM | 408.7 PPM |
| PB | 5.7 PPM  | 6.7 PPM  | 20.1 PPM | 16.4 PPM | 15.1 PPM | 11.9 PPM | 19.2 PPM | 14.6 PPM | 18.0 PPM  | 11.4 PPM  |
| NI | 40.2 PPM | 42.5 PPM | 21.9 PPM | 21.2 PPM | 13.3 PPM | 10.4 PPM | 10.3 PPM | 8.2 PPM  | 73.1 PPM  | 129.9 PPM |
| CO | 21.3 PPM | 24.0 PPM | 14.8 PPM | 15.0 PPM | 11.7 PPM | 8.5 PPM  | 9.4 PPM  | 7.6 PPM  | 33.9 PPM  | 52.6 PPM  |
| V  | 79.5 PPM | 90.1 PPM | 31.5 PPM | 37.1 PPM | 23.4 PPM | 19.9 PPM | 28.4 PPM | 21.2 PPM | 51.5 PPM  | 60.3 PPM  |
| MO | 15.4 PPM | 16.1 PPM | 27.3 PPM | 28.5 PPM | 20.5 PPM | 12.0 PPM | 30.5 PPM | 22.9 PPM | 58.3 PPM  | 67.1 PPM  |
| CD | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM  | 2.1 PPM   |
| CR | 15.0 PPM | 20.4 PPM | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM   | <.3 PPM   |
| BA | 68.7 PPM | 71.6 PPM | 71.9 PPM | 77.1 PPM | 65.4 PPM | 82.5 PPM | 51.7 PPM | 51.7 PPM | 76.5 PPM  | 99.8 PPM  |
| SR | 33.2 PPM | 37.3 PPM | 16.8 PPM | 15.0 PPM | 13.6 PPM | 17.6 PPM | 15.3 PPM | 15.9 PPM | 35.1 PPM  | 44.3 PPM  |

SIDE 66

DATO: 1/2-79

ANALYSE-RAPPORT.

NORGES GEOLOGISKE UNDERSØKELSE.

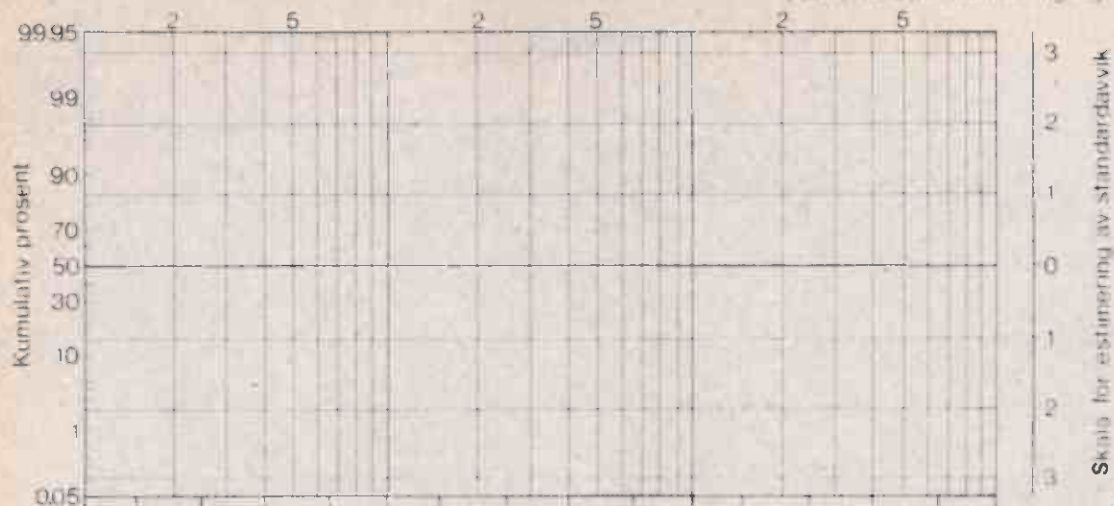
OPPDRAGSNR.: 153/78

OPPDRAGSGIVER: NGU KJEMISK AVD V/J.R.KROG.

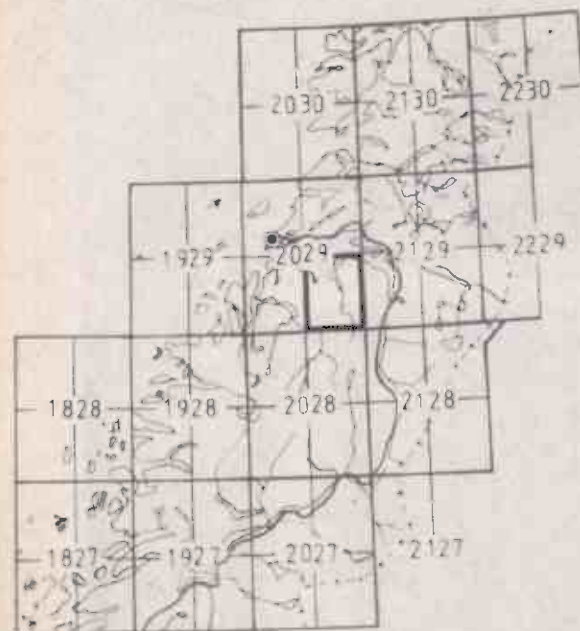
|    | 809       | 810       | 811      | 812      | 813      | 814      | 815      | 816      | 817      | 818      |
|----|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|----------|
| SI | .04 %     | .03 %     | .04 %    | .03 %    | .04 %    | .04 %    | .03 %    | .04 %    | .04 %    | .04 %    |
| AL | 3.25 %    | 4.93 %    | .65 %    | .65 %    | .53 %    | .67 %    | .75 %    | .57 %    | .66 %    | .76 %    |
| FE | 6.81 %    | 6.09 %    | 1.05 %   | 1.05 %   | .84 %    | 1.05 %   | 1.17 %   | .94 %    | 1.02 %   | 2.08 %   |
| TI | .09 %     | .04 %     | .05 %    | .05 %    | .04 %    | .05 %    | .05 %    | .05 %    | .05 %    | .07 %    |
| MG | .31 %     | .13 %     | .24 %    | .22 %    | .18 %    | .22 %    | .27 %    | .20 %    | .23 %    | .30 %    |
| CA | .30 %     | .33 %     | .33 %    | .37 %    | .39 %    | .39 %    | .38 %    | .37 %    | .35 %    | .19 %    |
| NA | .06 %     | .04 %     | .04 %    | .03 %    | .04 %    | .04 %    | .04 %    | .02 %    | .05 %    | .03 %    |
| K  | .18 %     | .09 %     | .19 %    | .19 %    | .15 %    | .19 %    | .20 %    | .16 %    | .19 %    | .11 %    |
| MN | .28 %     | .33 %     | .02 %    | .02 %    | .02 %    | .02 %    | .03 %    | .02 %    | .02 %    | .01 %    |
| CU | 141.4 PPM | 122.7 PPM | 22.1 PPM | 20.1 PPM | 15.1 PPM | 18.7 PPM | 20.6 PPM | 16.8 PPM | 19.2 PPM | 23.4 PPM |
| ZN | 342.4 PPM | 317.4 PPM | 42.9 PPM | 46.6 PPM | 33.4 PPM | 49.9 PPM | 61.4 PPM | 42.1 PPM | 50.0 PPM | 57.9 PPM |
| PB | 21.0 PPM  | 16.7 PPM  | 7.5 PPM  | 6.9 PPM  | 7.2 PPM  | 8.5 PPM  | 10.5 PPM | 7.3 PPM  | 8.8 PPM  | 12.1 PPM |
| NI | 126.9 PPM | 118.4 PPM | 10.2 PPM | 8.0 PPM  | 8.4 PPM  | 9.0 PPM  | 10.5 PPM | 7.6 PPM  | 7.9 PPM  | 23.8 PPM |
| CO | 46.8 PPM  | 47.3 PPM  | 6.9 PPM  | 6.8 PPM  | 5.7 PPM  | 6.0 PPM  | 7.3 PPM  | 6.4 PPM  | 6.3 PPM  | 6.3 PPM  |
| V  | 49.9 PPM  | 33.8 PPM  | 16.4 PPM | 16.1 PPM | 14.1 PPM | 16.7 PPM | 17.8 PPM | 14.7 PPM | 16.5 PPM | 34.3 PPM |
| MO | 73.5 PPM  | 57.0 PPM  | 10.8 PPM | 11.0 PPM | 9.7 PPM  | 11.1 PPM | 10.6 PPM | 10.2 PPM | 9.8 PPM  | 37.1 PPM |
| CD | 2.8 PPM   | 2.3 PPM   | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM | <1.0 PPM |
| CR | <.3 PPM   | <.3 PPM   | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  | <.3 PPM  |
| BA | 65.2 PPM  | 43.9 PPM  | 71.1 PPM | 53.3 PPM | 64.6 PPM | 70.0 PPM | 73.1 PPM | 61.1 PPM | 75.6 PPM | 59.0 PPM |
| SR | 27.9 PPM  | 23.2 PPM  | 21.7 PPM | 24.4 PPM | 22.6 PPM | 25.0 PPM | 23.1 PPM | 23.1 PPM | 24.2 PPM | 9.9 PPM  |

FREKVENSFORDELINGS - DIAGRAM

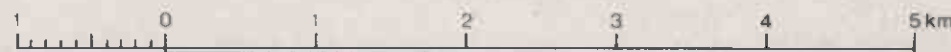
ppm (parts per million-mg/kg)



Konsentrasjonsintervaller med tilsvarende karttegn



Målestokk 1 : 50000

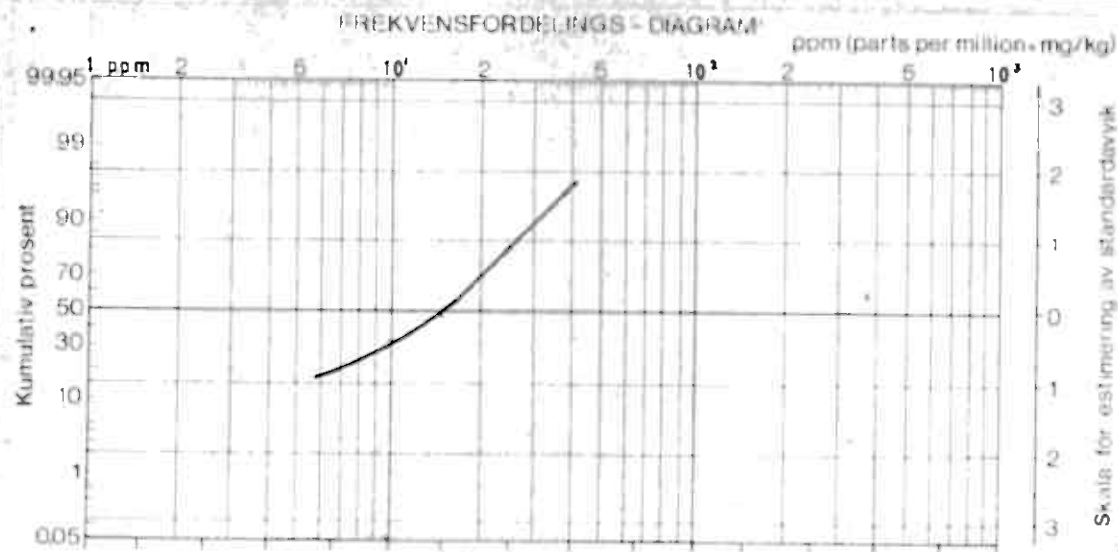


USB 1978  
BEKKESEDIMENTER, PRØVENUMMER  
SKJERSTADOMRÅDET  
SKJERSTAD, NORDLAND

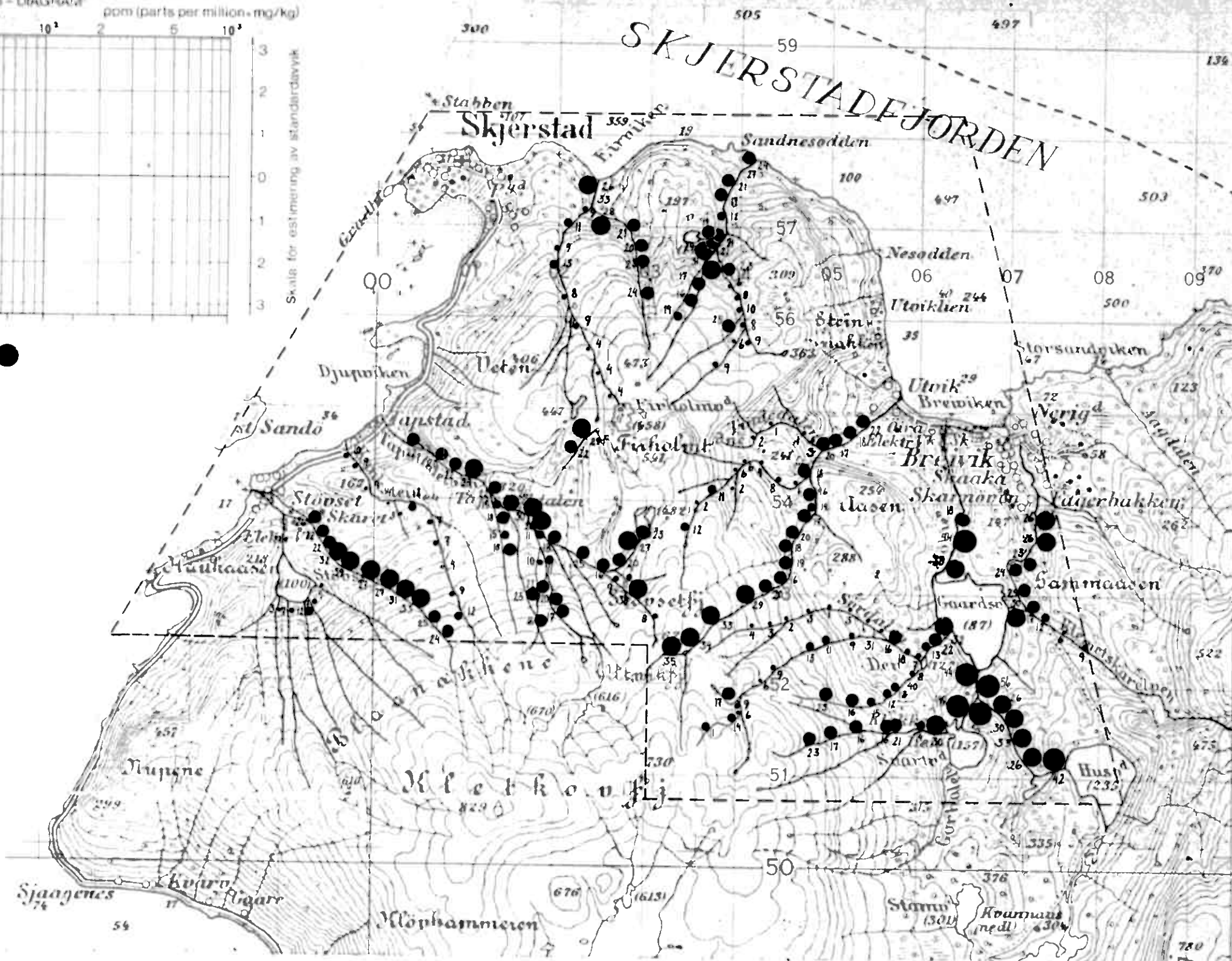
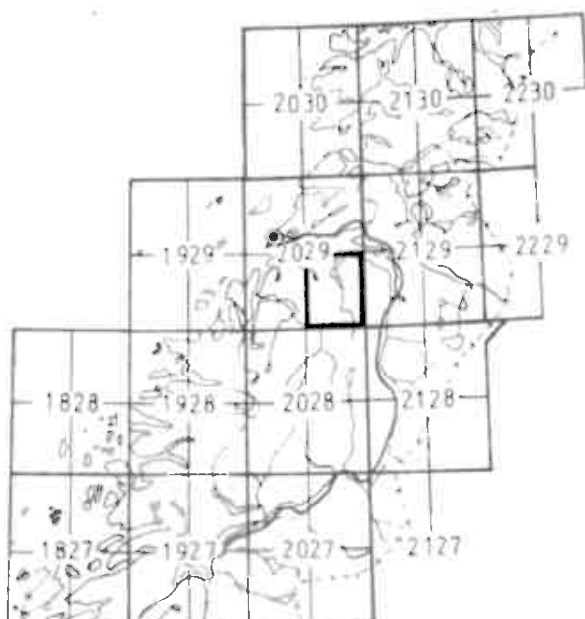
|            |      |      |           |
|------------|------|------|-----------|
| MÅLESTOKK: | DBS  | R.K. | aug. 1978 |
|            | TEGN | 01.  | mars 1979 |
|            | TRAC | 01.  | mars 1979 |
|            | KFR  | R.K. | mars 1979 |

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

|               |             |
|---------------|-------------|
| TEGNING NR    | KARTBLAD NR |
| 1650 / 30B-01 | 2029 II     |



Konsentrasjons-intervaller med tilsvarende karttegn



TEGNFORKLARING:

- $\approx 6$  ppm
- 7 - 10 ppm
- 11 - 15 ppm
- 16 - 25 ppm
- 26 - 40 ppm
- $\geq 41$  ppm



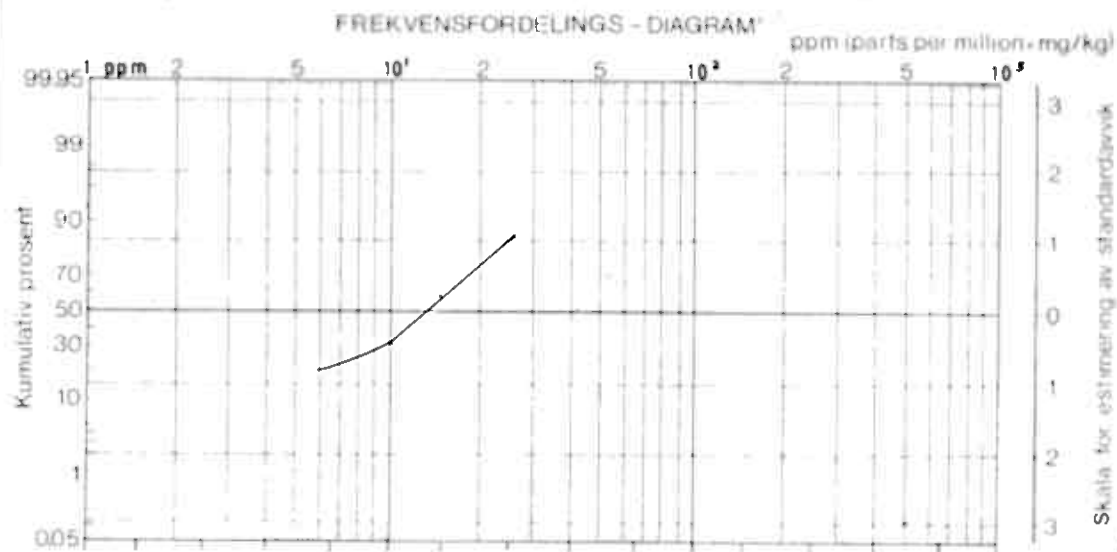
USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Cu  
SKJERSTADOMRÅDET  
SKJERSTAD, NORDLAND

| MÅLESTOKK: | OBS.  | R.K. | aug 1978  |
|------------|-------|------|-----------|
|            | TEGN. | O.K. | mars 1979 |
|            | TRAC  | O.K. | mars 1979 |
|            | KFR.  | R.K. | mars 1979 |

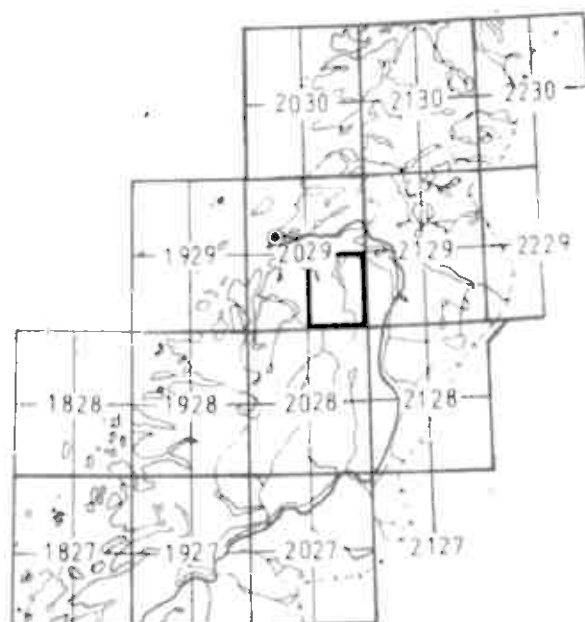
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

TEGNING NR  
1650 / 30B-02

KARTBLAD NR  
2029 II

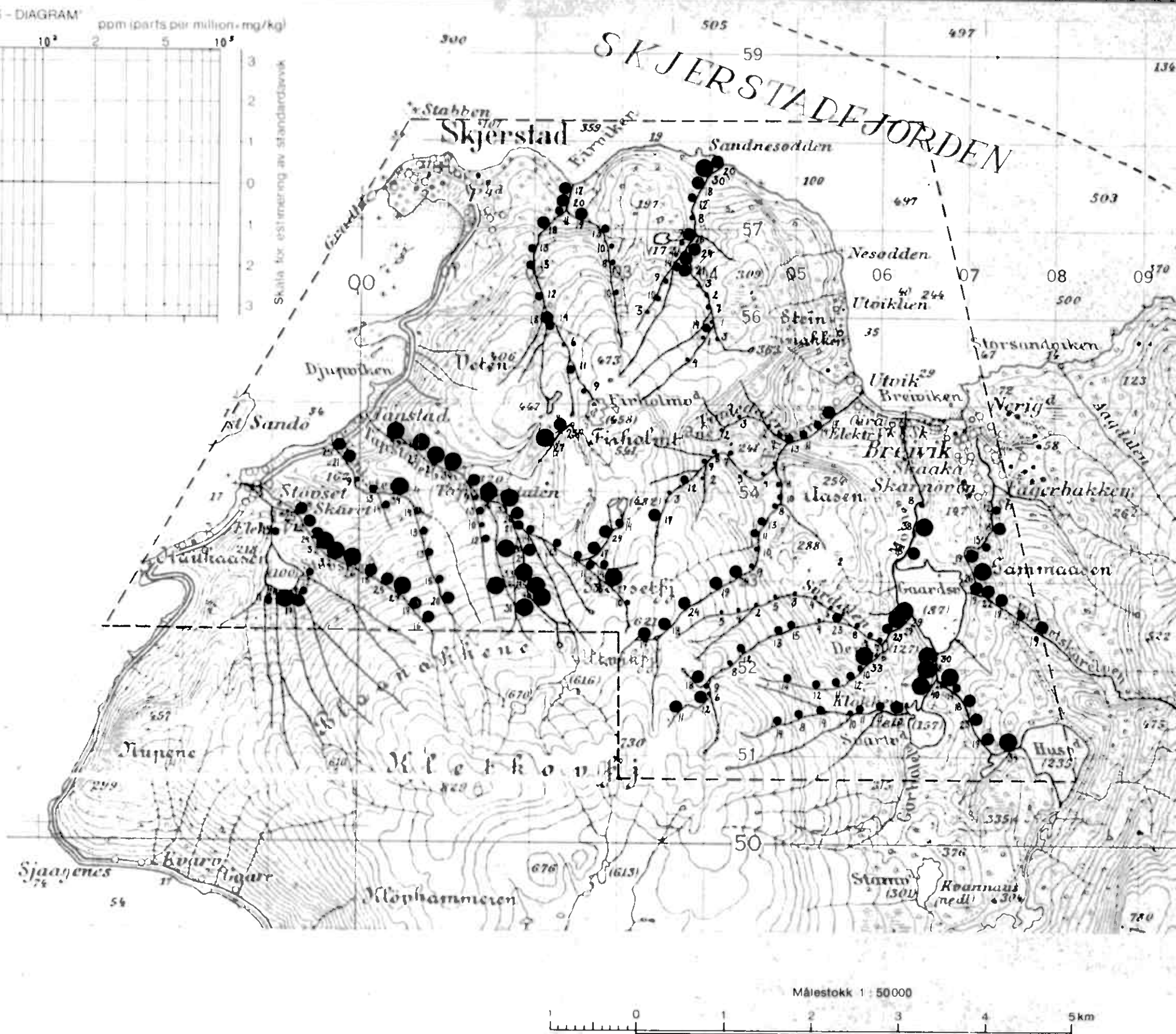


Konsentrasjons-intervaller med tilsvarende karttegn.



TEGNFORKLARING:

- $\geq 6$  ppm
- 7 - 10 ppm
- 11 - 15 ppm
- 16 - 25 ppm
- $\geq 26$  ppm



USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Ni  
SKJERSTADOMRÅDET  
SKJERSTAD, NORDLAND

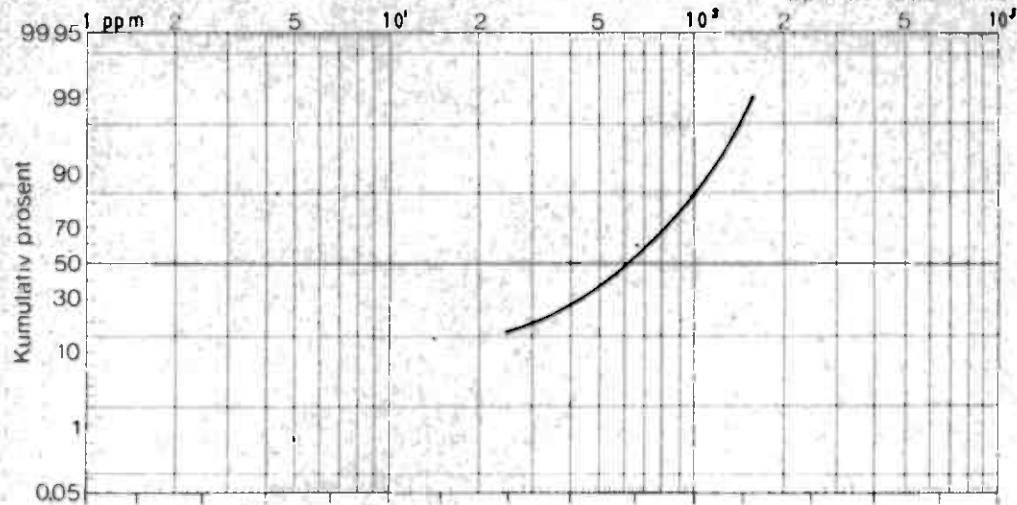
| MÅLESTOKK: | OBS. | R.K. | aug. 1978 |
|------------|------|------|-----------|
| 1:50000    | TEGN | 0.1  | mars 1979 |
|            | TRAC | 0.1  | mars 1979 |
|            | KFR  | R.K. | mars 1979 |

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

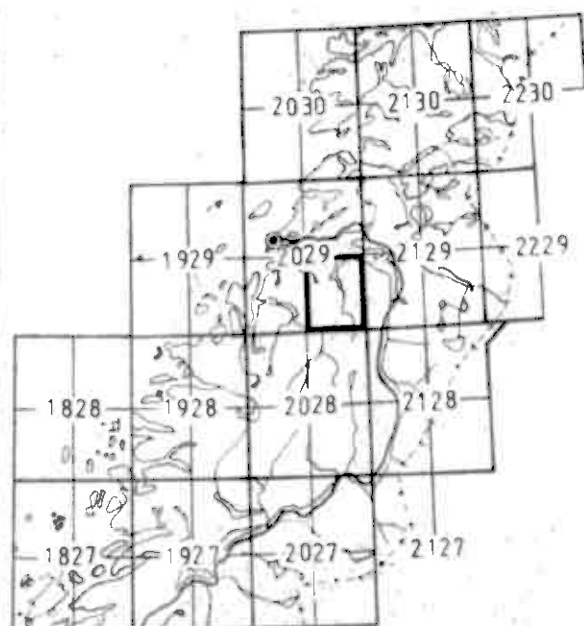
| TEGNING NR    | KARTBLAD NR. |
|---------------|--------------|
| 1650 / 30B-03 | 2029 II      |

FREKVENSFORDELINGS - DIAGRAM

ppm (parts per million - mg/kg)

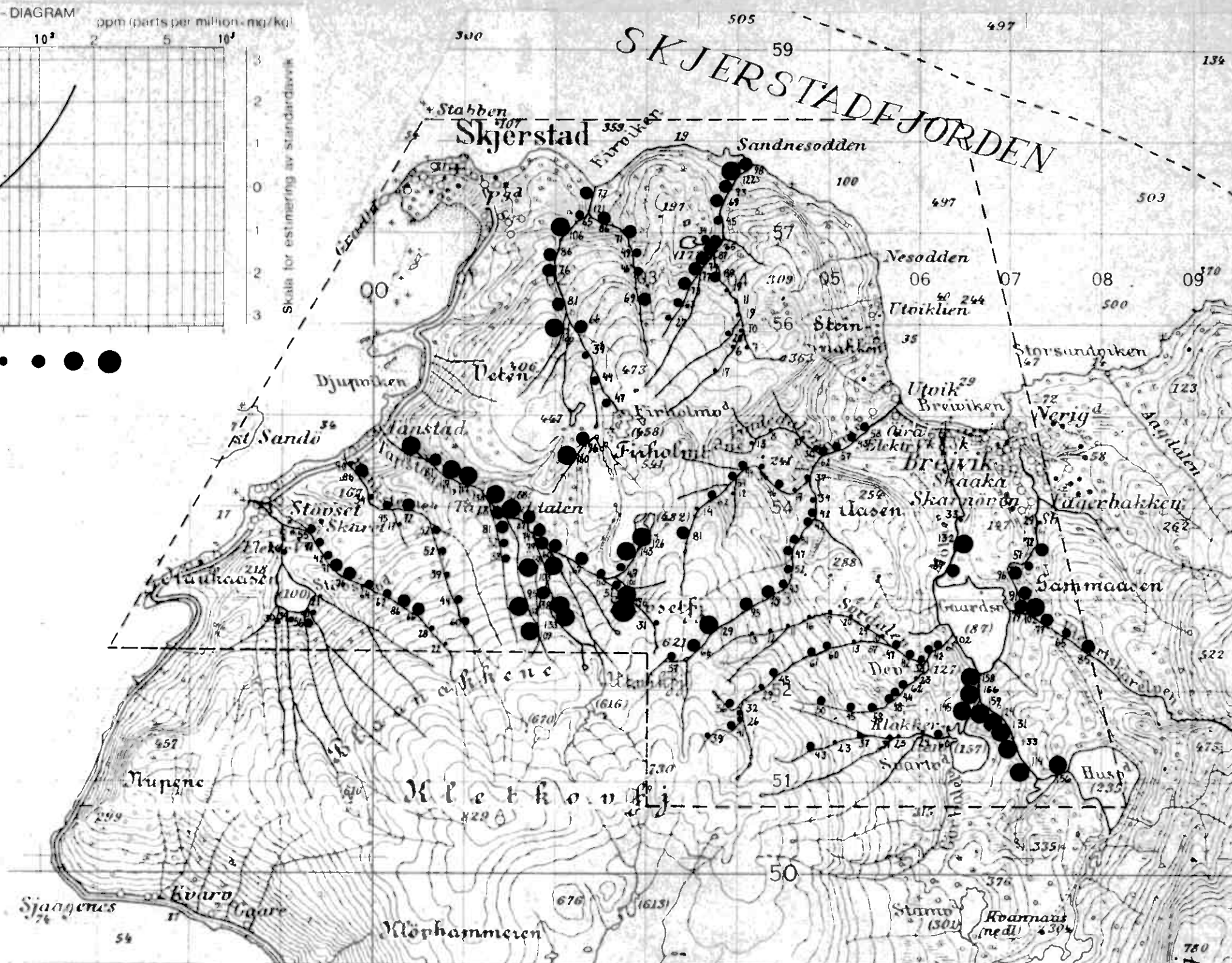


Konsentrasjons-intervaller med tilsvarende karttegn



TEGNFORKLARING:

- $\geq 25$  ppm
- 26-40 ppm
- 41-65 ppm
- 66-100 ppm
- 101-160 ppm
- $\geq 161$  ppm



USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Zn  
SKJERSTADOMRÅDET  
SKJERSTAD, NORDLAND

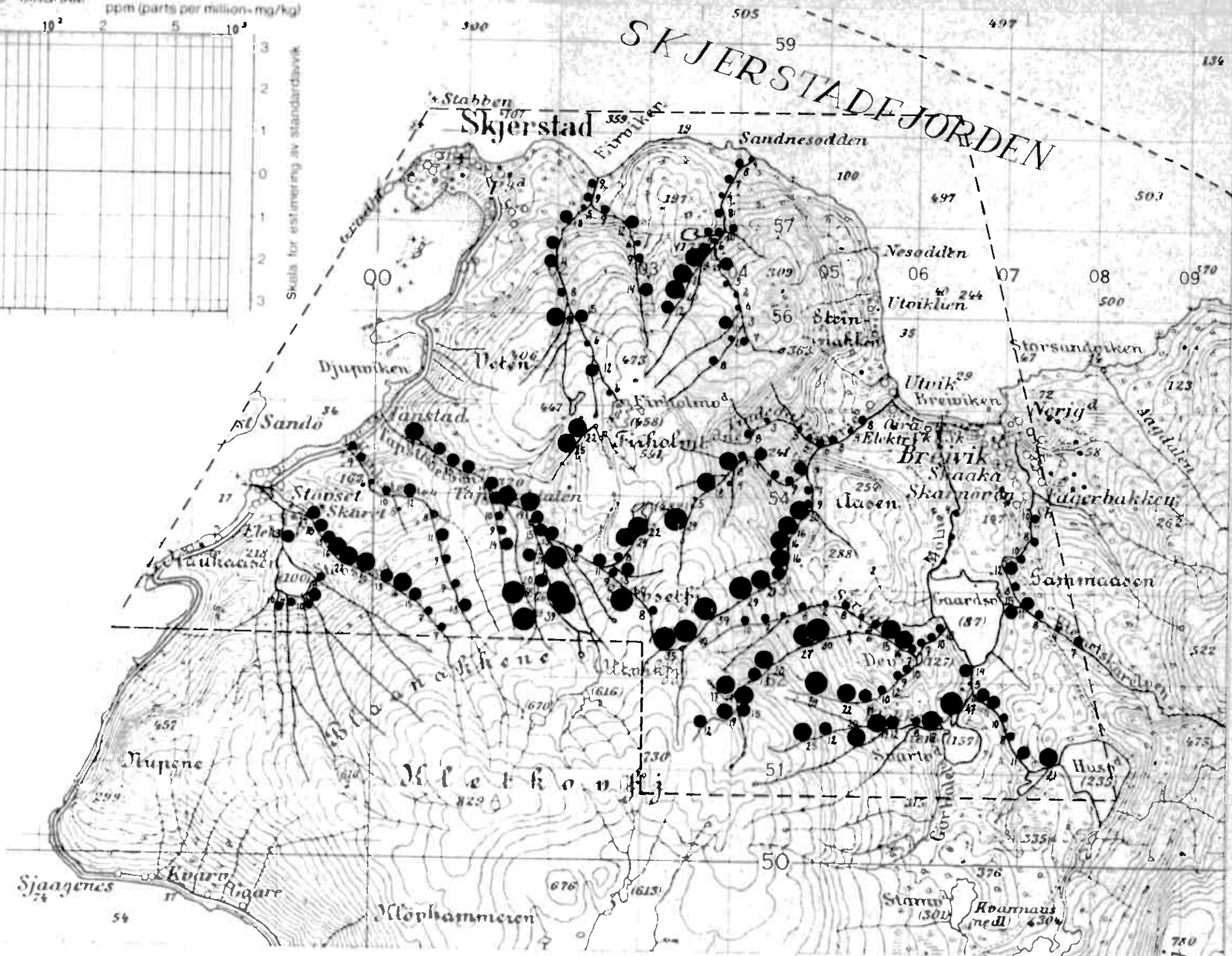
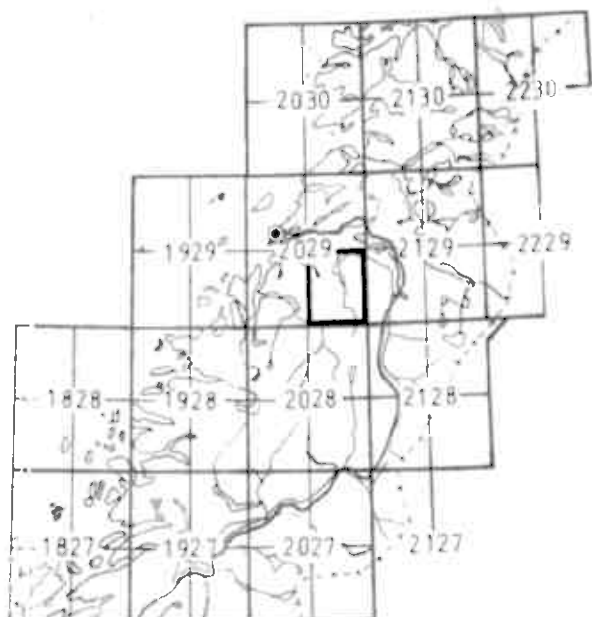
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

MÅLESTOKK:  
1:50000

|       |      |           |
|-------|------|-----------|
| OBS.  | R.K. | aug. 1978 |
| TEGN. | O.H. | mars 1979 |
| TRAC  | O.H. | mars 1979 |
| KFR.  | R.K. | mars 1979 |

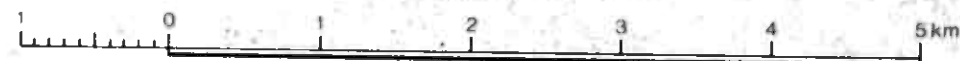
TEGNING NR  
1650 / 30B-04

KARTBLAD NR  
2029 II



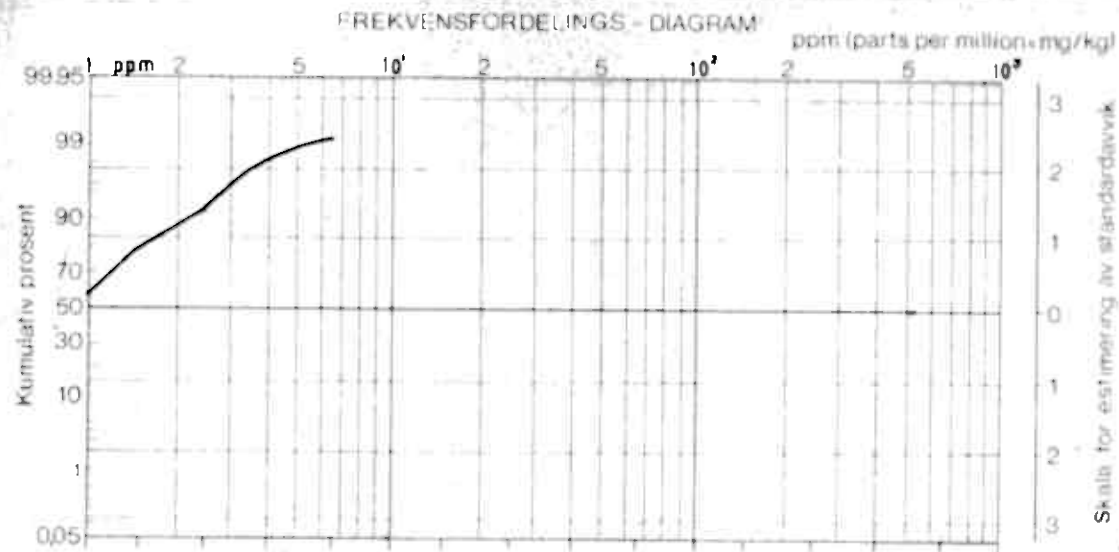
- $\leq 6$  ppm
- 7 - 10 ppm
- 11 - 15 ppm
- 16 - 25 ppm
- $\geq 26$  ppm

Malestokk 1 : 50 000

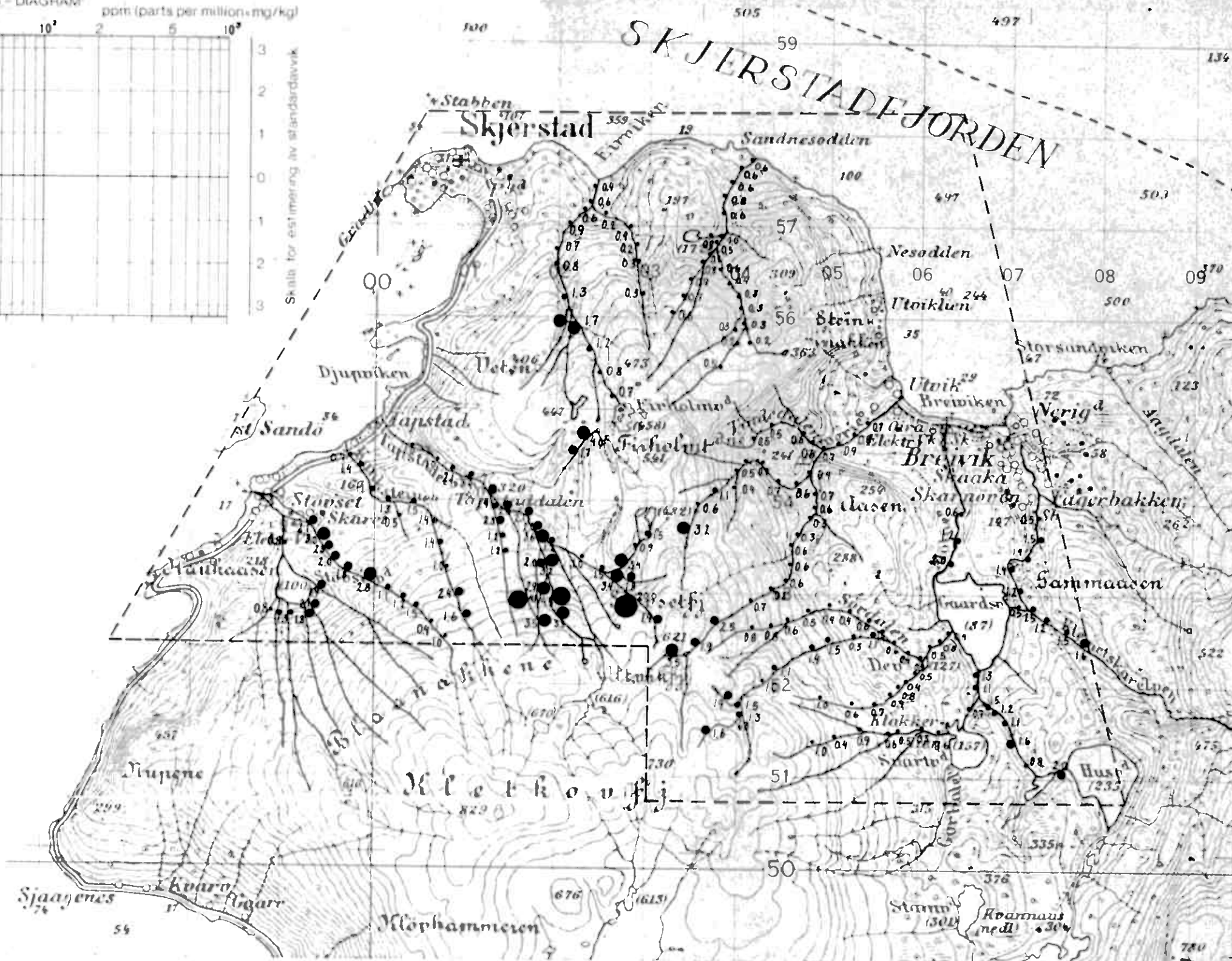
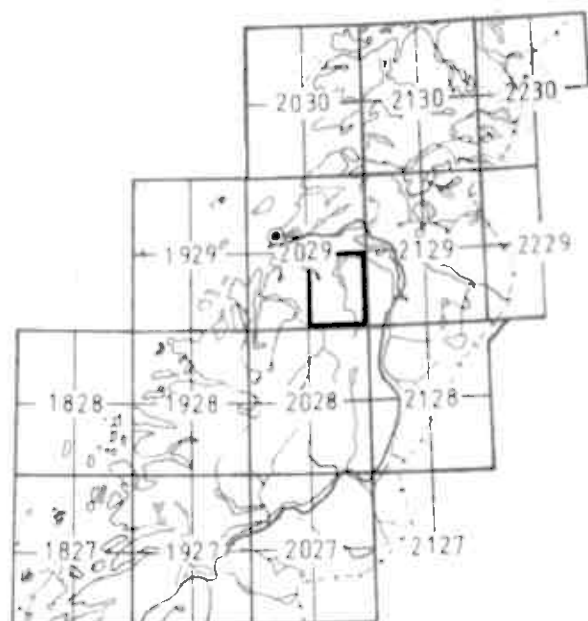


|                           |      |      |           |
|---------------------------|------|------|-----------|
| MÅLESTOKK:<br><br>1:50000 | QBS. | R.K. | aug 1978  |
|                           | TEGN | O.H. | mars 1979 |
|                           | TRAC | O.H. | mars 1979 |
|                           | KFR  | R.K. | mars 1979 |

|               |              |
|---------------|--------------|
| TEGNING NR    | KARTBLAD NR. |
| 1650 / 30B-05 | 2029 II      |

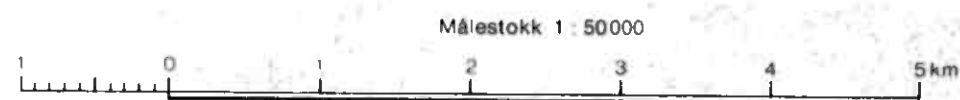


Konsentrasjonsintervaller med tilsvarende karttegn



TEGNFORKLARING:

- $\leq 1,0$  ppm
- 1,1 - 1,5 ppm
- 1,6 - 2,5 ppm
- 2,6 - 4,0 ppm
- 4,1 - 6,5 ppm
- $\geq 6,6$  ppm

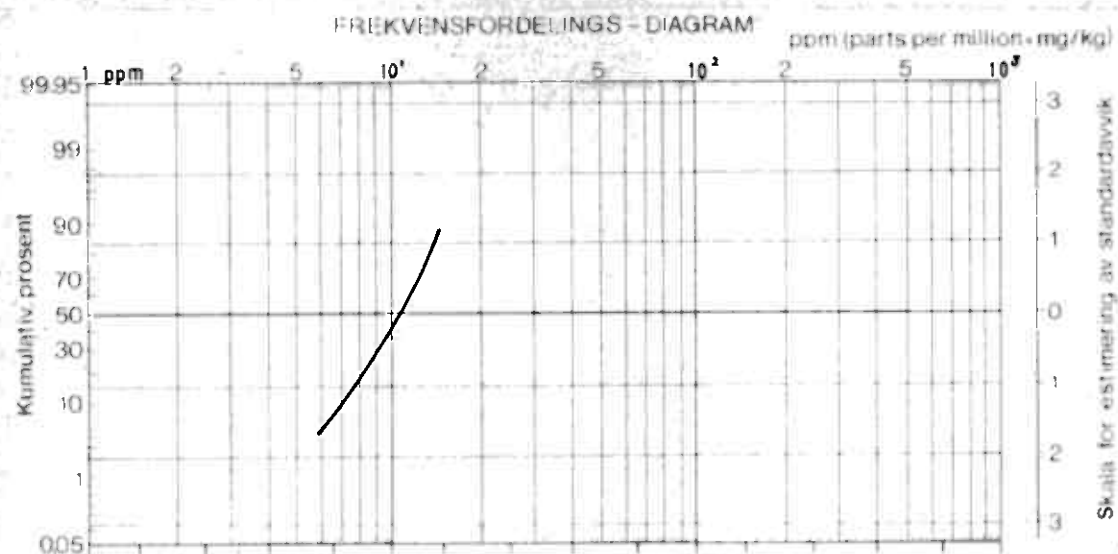


USB 1978  
BEKKESEDIMENTER, SYRELØSELIG U  
SKJERSTADOMRÅDET  
SKJERSTAD, NORDLAND

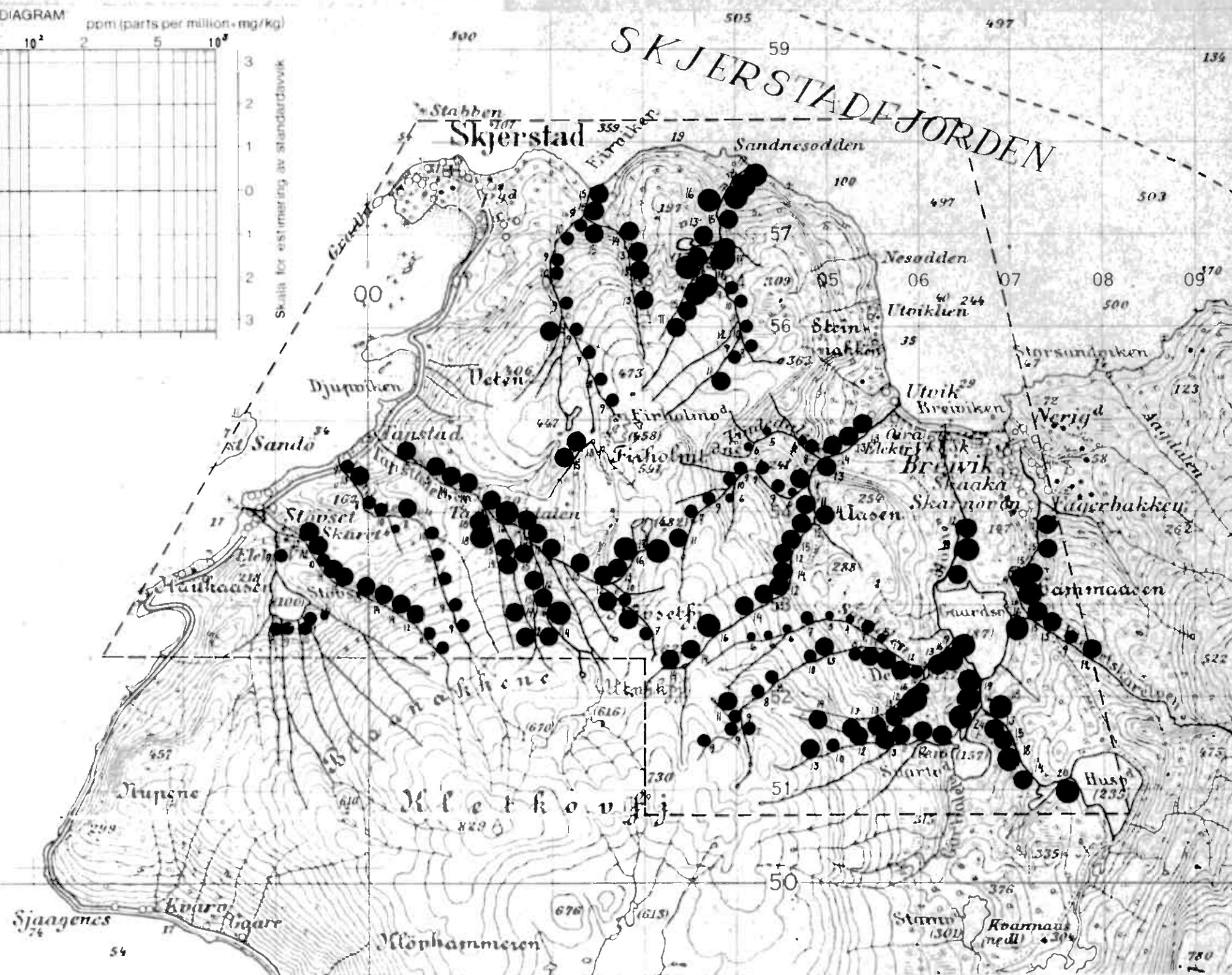
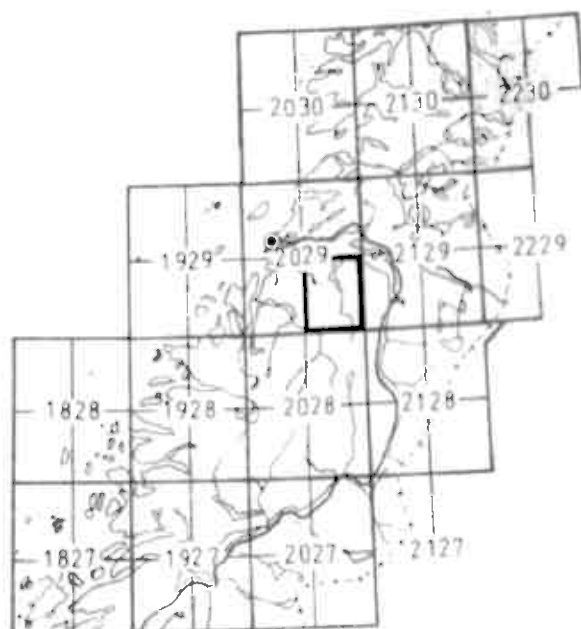
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

| MÅLESTOKK | OBS. | R.K. | aug. 1978 |
|-----------|------|------|-----------|
| 1:50000   | TEGN | 04   | mars 1979 |
|           | TRAC | 04   | mars 1979 |
|           | KFR  | R.K. | mars 1979 |

| TEGNING NR    | KARTBLAD NR |
|---------------|-------------|
| 1650 / 30B-06 | 2029 II     |

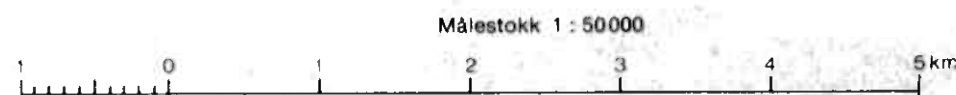


Konsentrasjons-intervaller med tilsvarende karttegn



TEGNFORKLARING:

- $\approx 6$  ppm
- 7 - 10 ppm
- 11 - 15 ppm
- $\geq 16$  ppm



USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Mo  
SKJERSTADOMRÅDET  
SKJERSTAD, NORDLAND

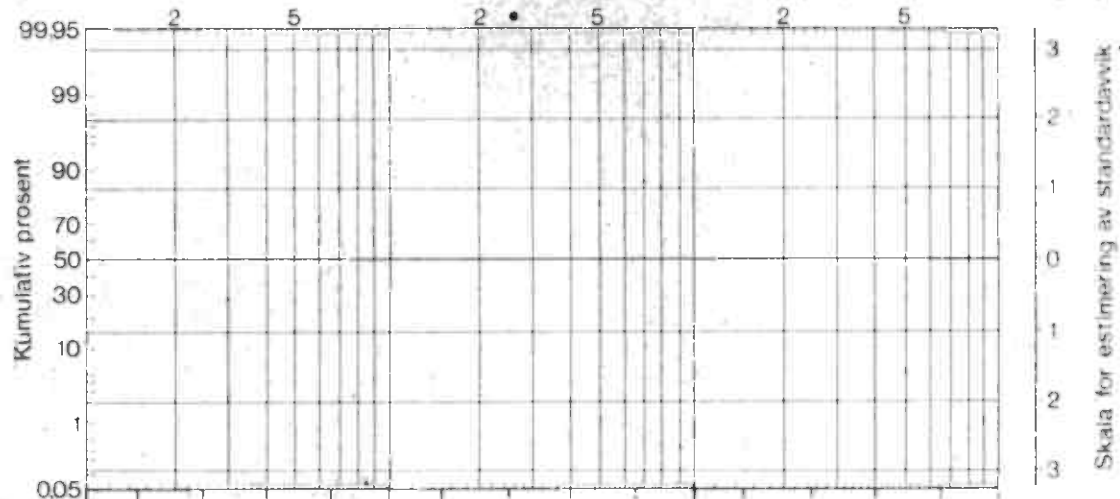
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

| MÅLESTOKK | OBS.  | R.K. | aug 1978  |
|-----------|-------|------|-----------|
| 1:50000   | TEGN. | 04.  | mars 1979 |
|           | TRAC. | 04.  | mars 1979 |
|           | KFR.  | R.K. | mars 1979 |

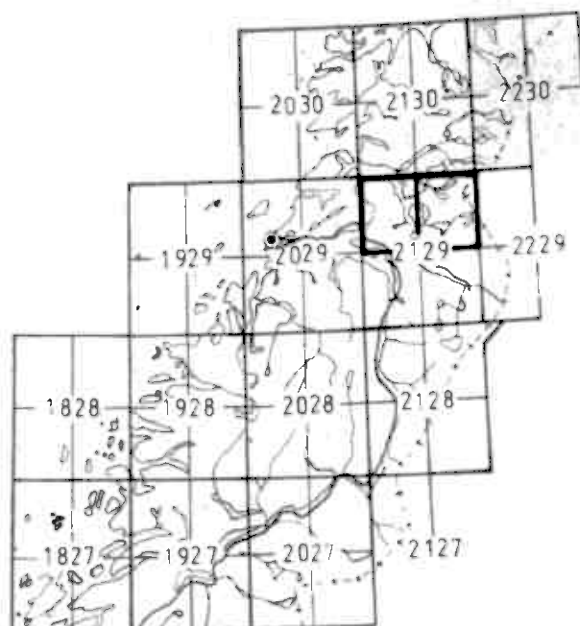
| TEGNING NR    | KARTBLAD NR |
|---------------|-------------|
| 1650 / 30B-07 | 2029 II     |

# FREKVENSFORDELINGS - DIAGRAM

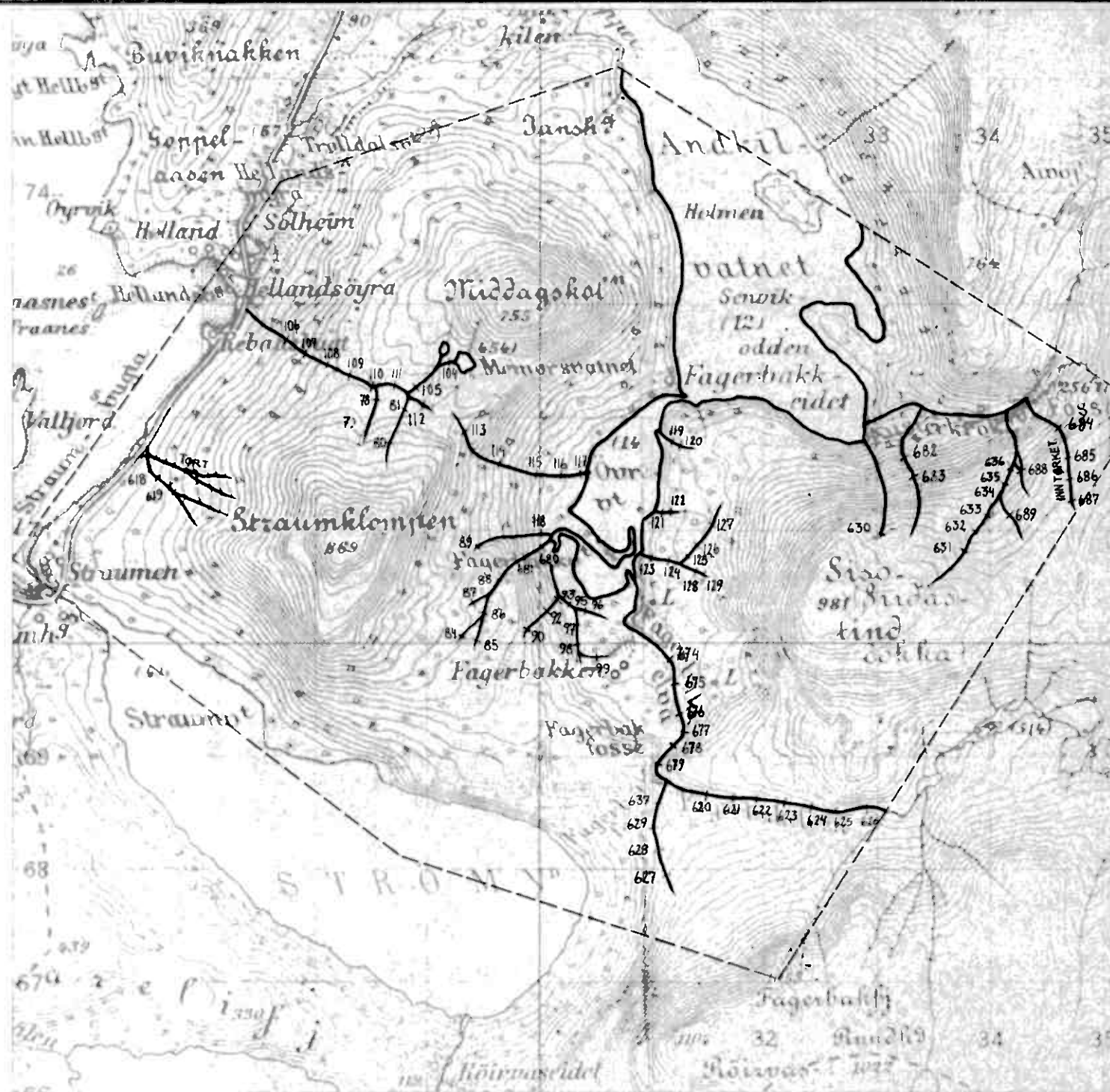
ppm (parts per million = mg/kg)



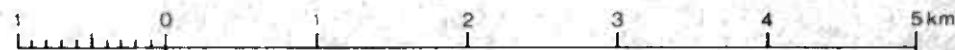
Konsentrasjons-intervaller med tilsvarende karitegn



N



Målestokk 1 : 50000



USB 1978  
BEKKESEDIMENTER, PRØVENUMMER  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

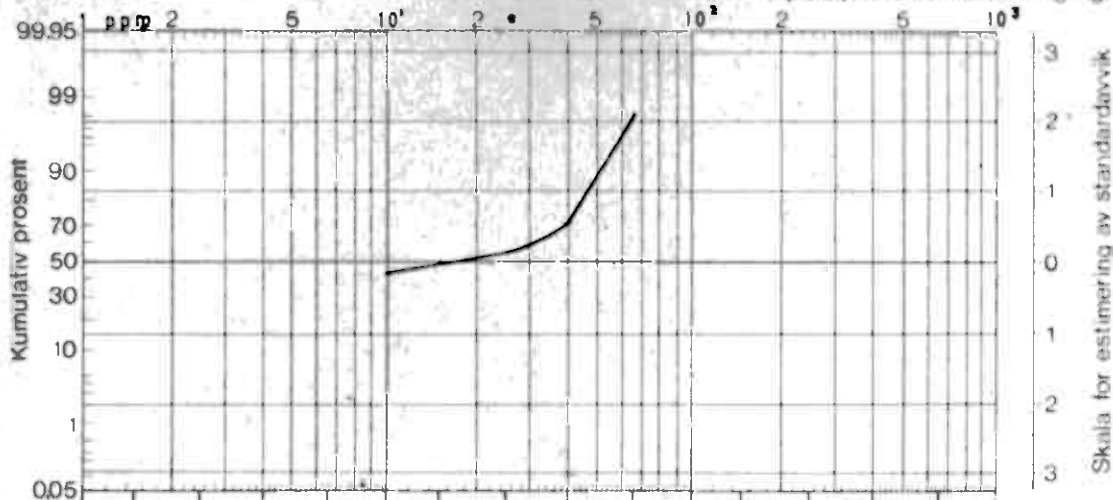
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

| MÅLESTOKK | OBS.  | R.K. | aug. 1978 |
|-----------|-------|------|-----------|
| 1 : 50000 | TEGN  | O.H. | mars 1979 |
|           | TRAC. | O.H. | mars 1979 |
|           | KFR.  | R.K. | mars 1979 |

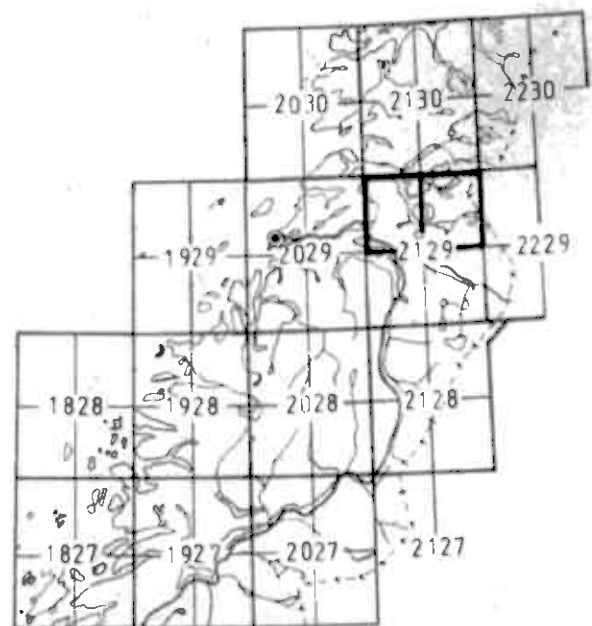
| TEGNING NR     | KARTBLAD NR |
|----------------|-------------|
| 1650 / 30B-008 | 2129 I, IV  |

# FREKVENSFORDELINGS-DIAGRAM

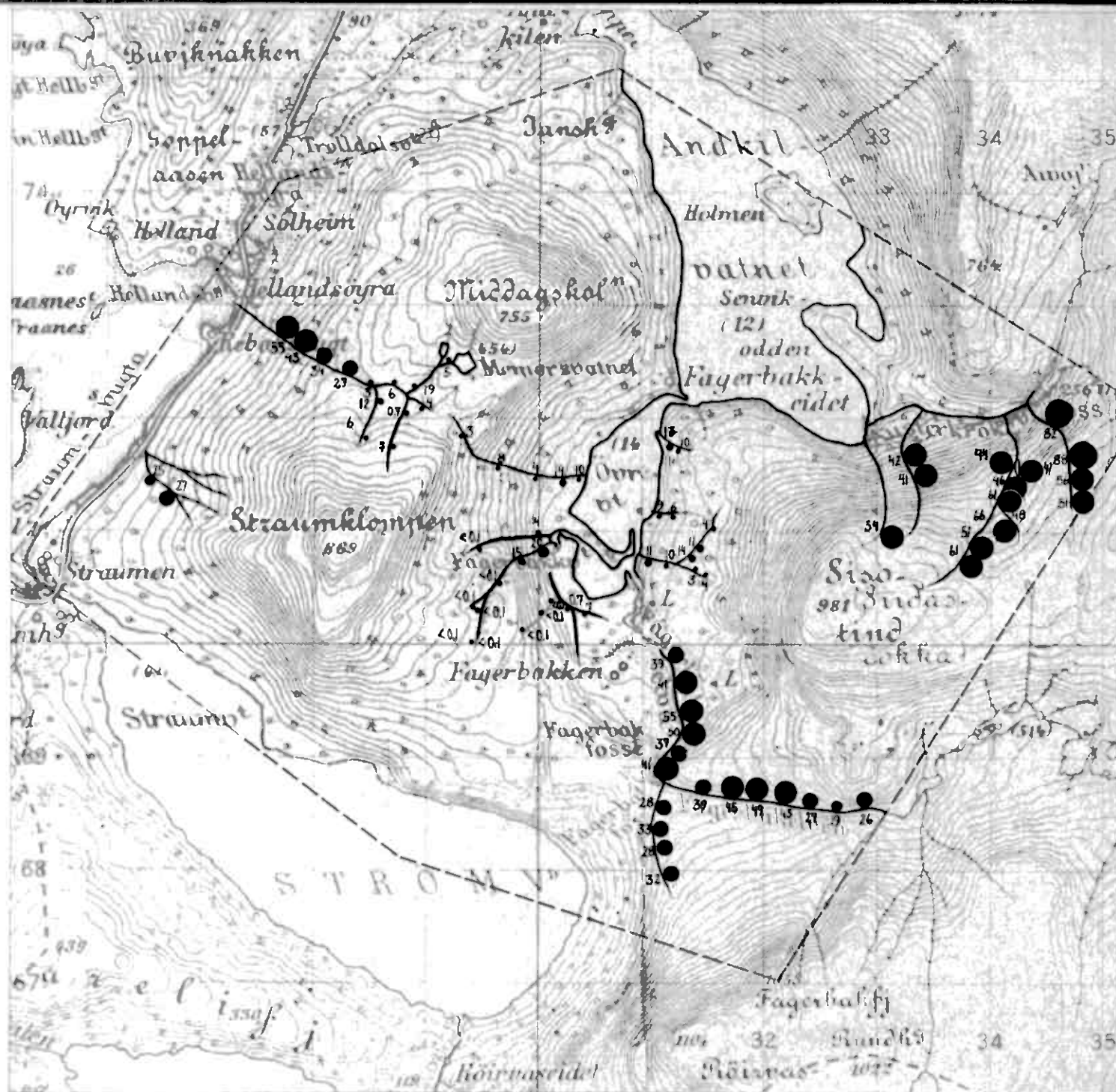
ppm (parts per million - mg/kg)



Konsentrasjons-intervaller med tilsvarende karttegn



N



Målestokk 1:50000



## TEGNFORKLARING:

- $\approx 10$  ppm
- 11 - 15 ppm
- 16 - 25 ppm
- 26 - 40 ppm
- 41 - 65 ppm
- $\geq 66$  ppm

USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ - LØSELIG Cu  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

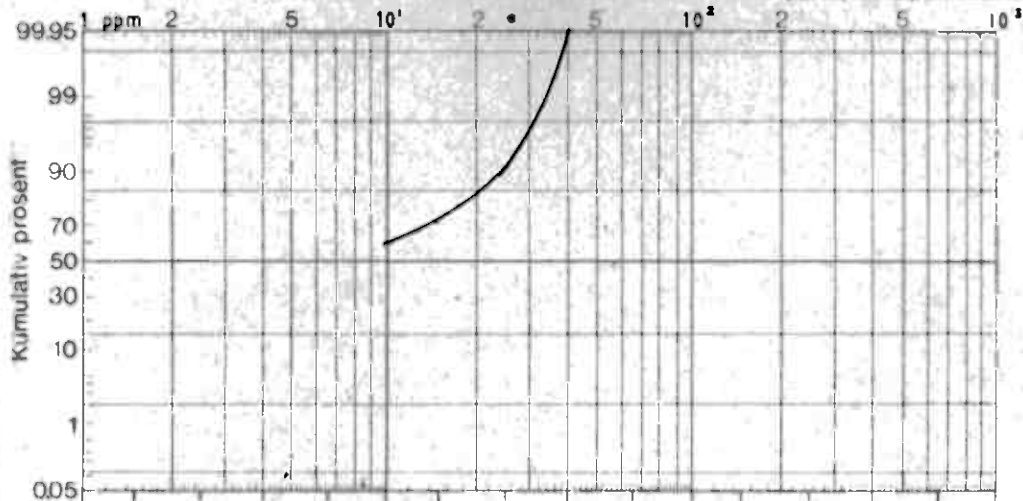
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

| MÅLESTOKK | OBS.  | R.K. | aug. 1978 |
|-----------|-------|------|-----------|
| 1:50000   | TEGN  | OH.  | mars 1979 |
|           | TRAC. | OH.  | mars 1979 |
|           | KFR.  | R.K. | mars 1979 |

| TEGNING NR.  | KARTBLAD NR. |
|--------------|--------------|
| 1650/30B-009 | 2129 I, IV   |

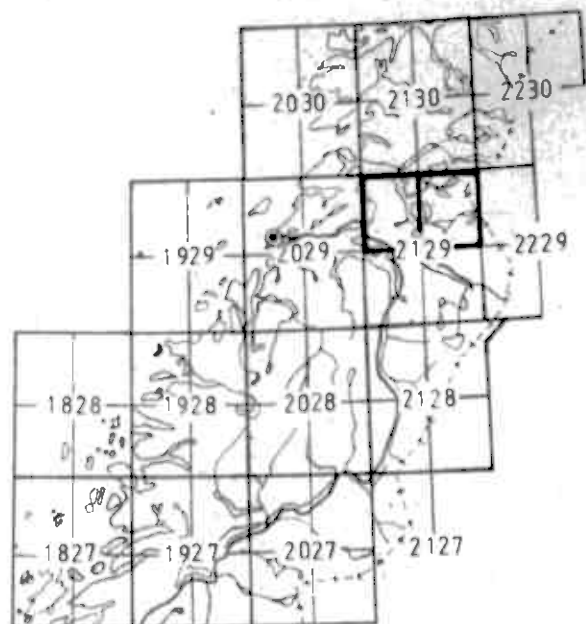
# FREKVENSFORDELINGS-DIAGRAM

ppm (parts per million, mg/kg)

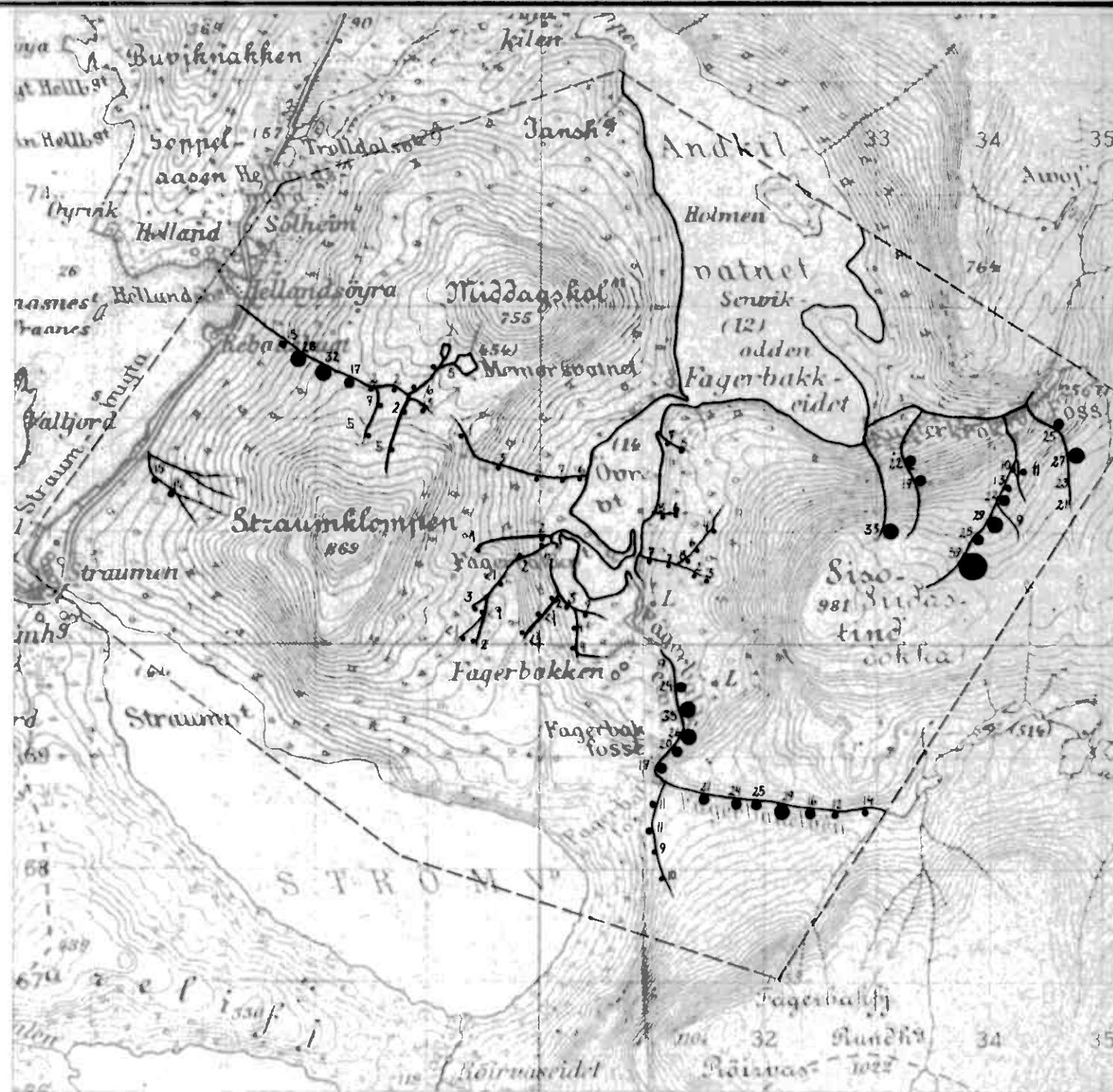


Skala for estimering av standardavvik

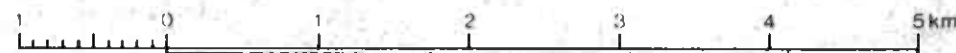
Konsentrasjons-intervaller med tilsvarende karttegn



N



Målestokk 1 : 50000



## TEGNFORKLARING:

- $\leq 10$  ppm
- 11 - 15 ppm
- 16 - 25 ppm
- 26 - 40 ppm
- 41 - 65 ppm
- $\geq 66$  ppm

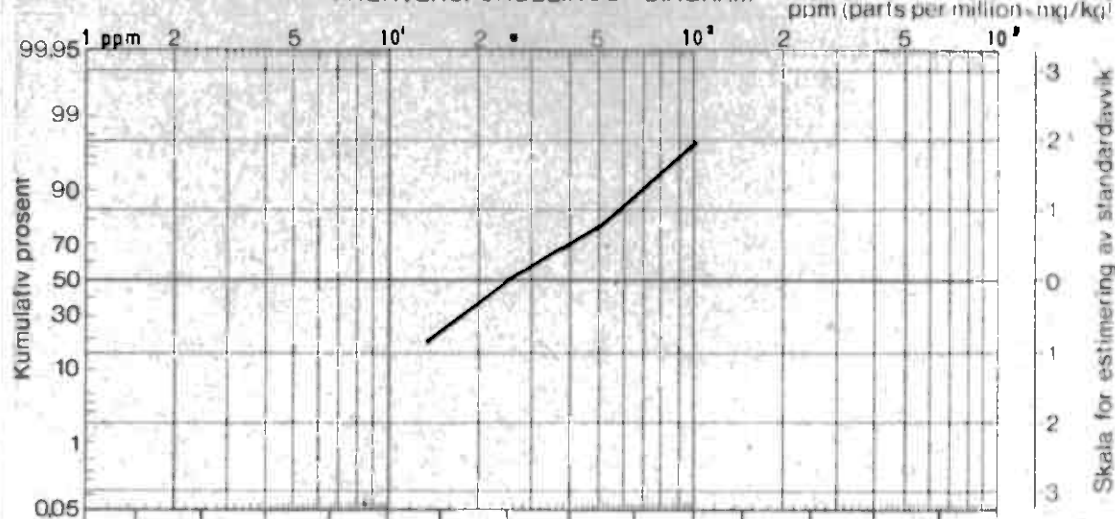
USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Ni  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

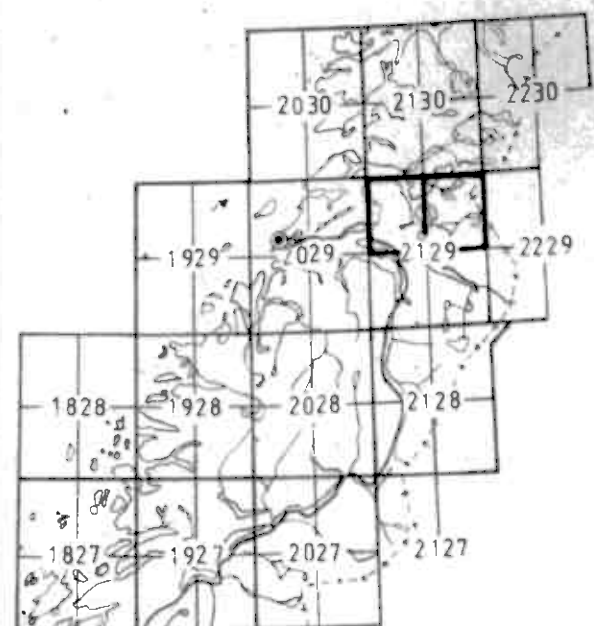
| MÅLESTOKK | OBS.  | R.K. | aug. 1978 |
|-----------|-------|------|-----------|
|           | TEGN  | OH.  | mars 1979 |
|           | TRAC. | OH.  | mars 1979 |
|           | KFR.  | R.K. | mars 1979 |

| TEGNING NR    | KARTBLAD NR |
|---------------|-------------|
| 1650/30B-0010 | 2129 I, IV  |

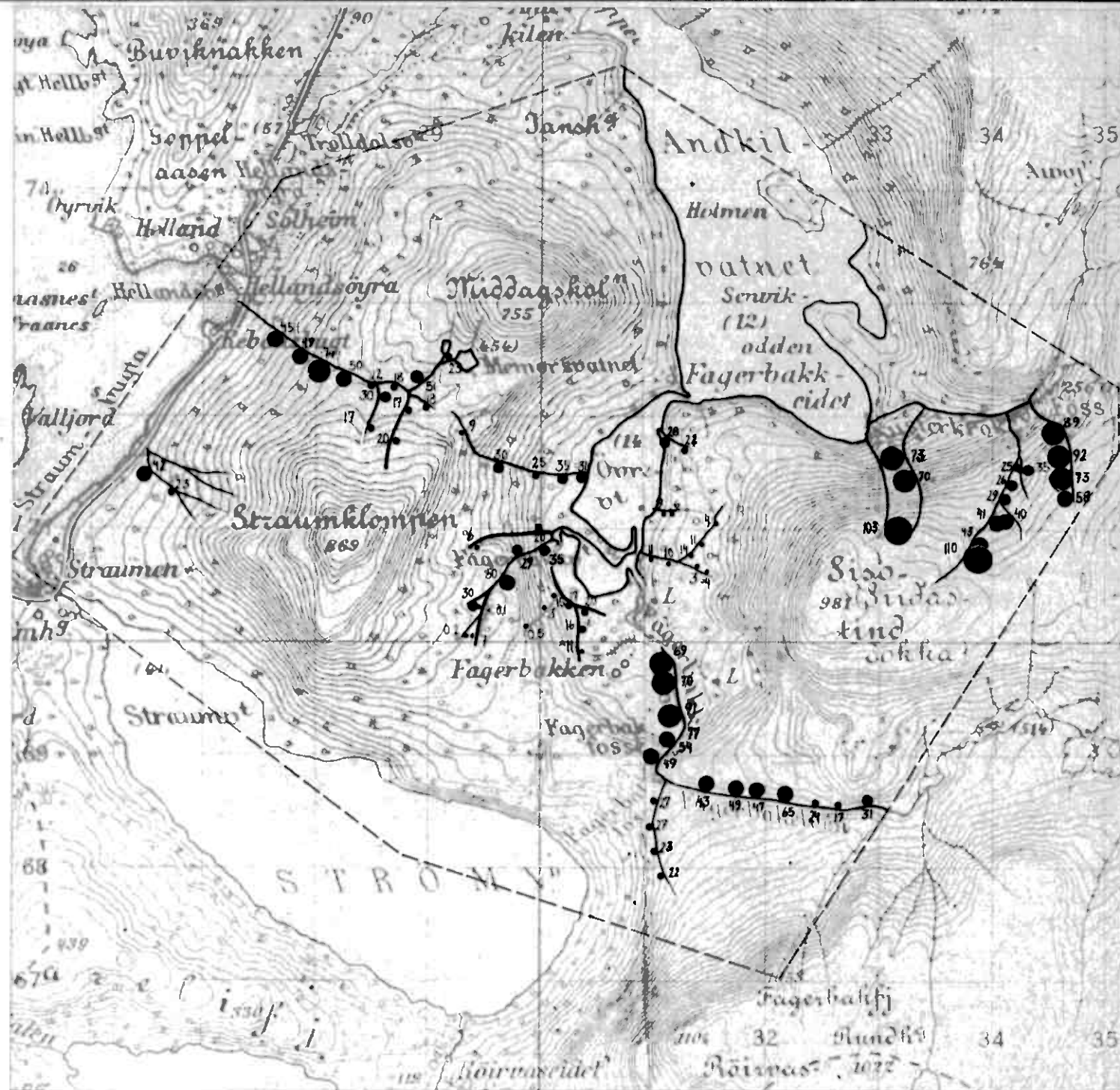
# FREKVENSFORDELINGS - DIAGRAM



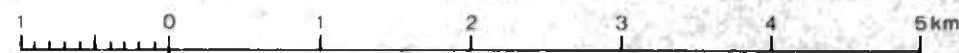
Konsentrasjons-intervaller med tilsvarende karttegn



N



Målestokk 1 : 50000



## TEGNFORKLARING:

- $\leq 15$  ppm
- 16 - 25 ppm
- 26 - 40 ppm
- 41 - 65 ppm
- 66 - 100 ppm
- $\geq 101$  ppm

USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$  LØSELIG Zn  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

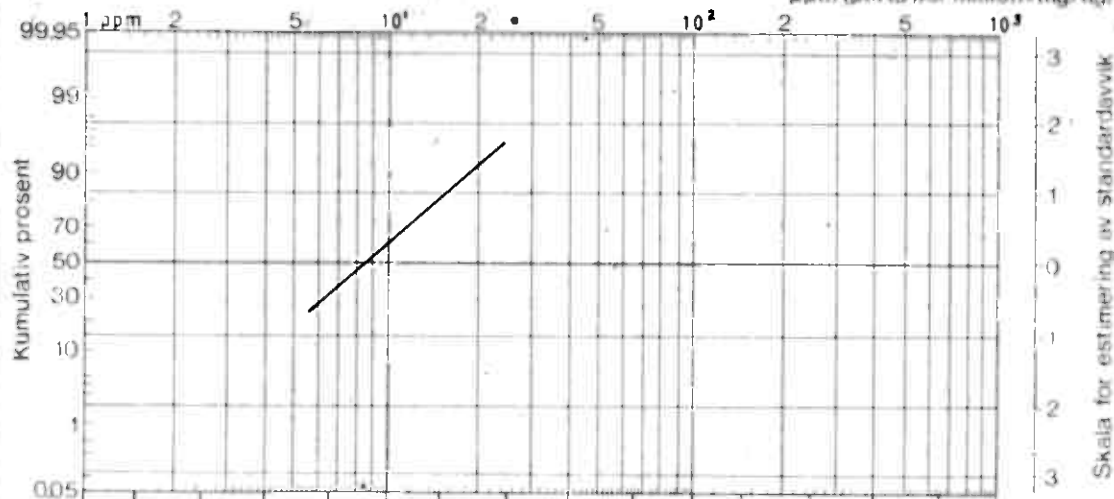
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

| MÅLESTOKK | OBS.  | R.K. | aug. 1978 |
|-----------|-------|------|-----------|
|           | TEGN  | OH.  | mars 1979 |
|           | TRAC. | OH.  | mars 1979 |
|           | KFR.  | R.K. | mars 1979 |

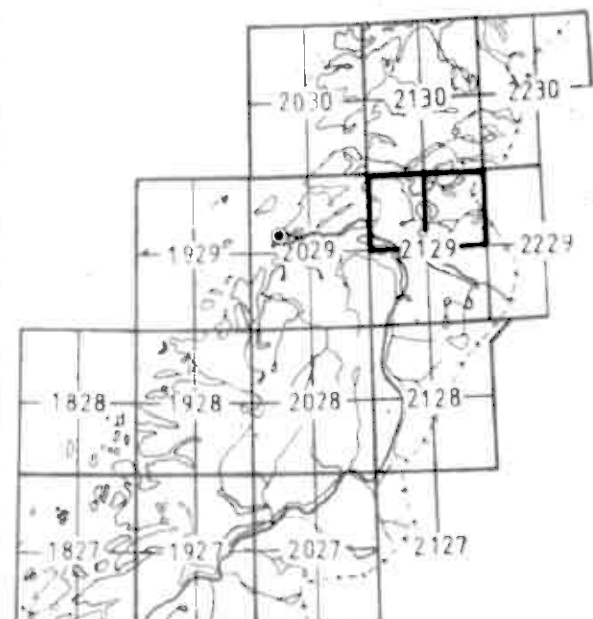
| TEGNING NR    | KARTBLAD NR |
|---------------|-------------|
| 1650/30B-0011 | 2129 I, IV  |

# FREKVENSFORDELINGS - DIAGRAM

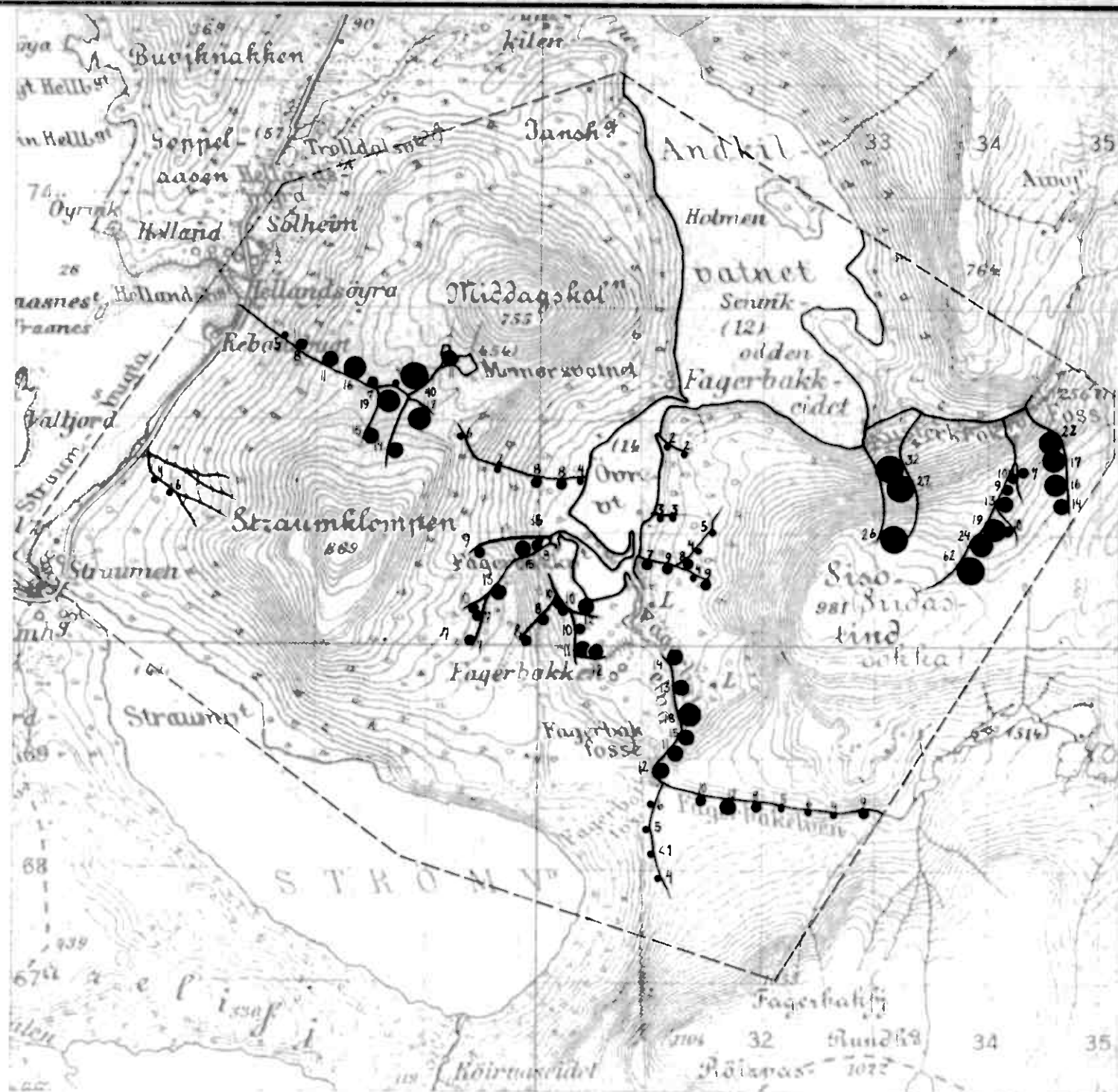
ppm (parts per million = mg/kg)



Konsentrasjons-intervaller med tilsvarende karttegn



N



## TEGNFORKLARING:

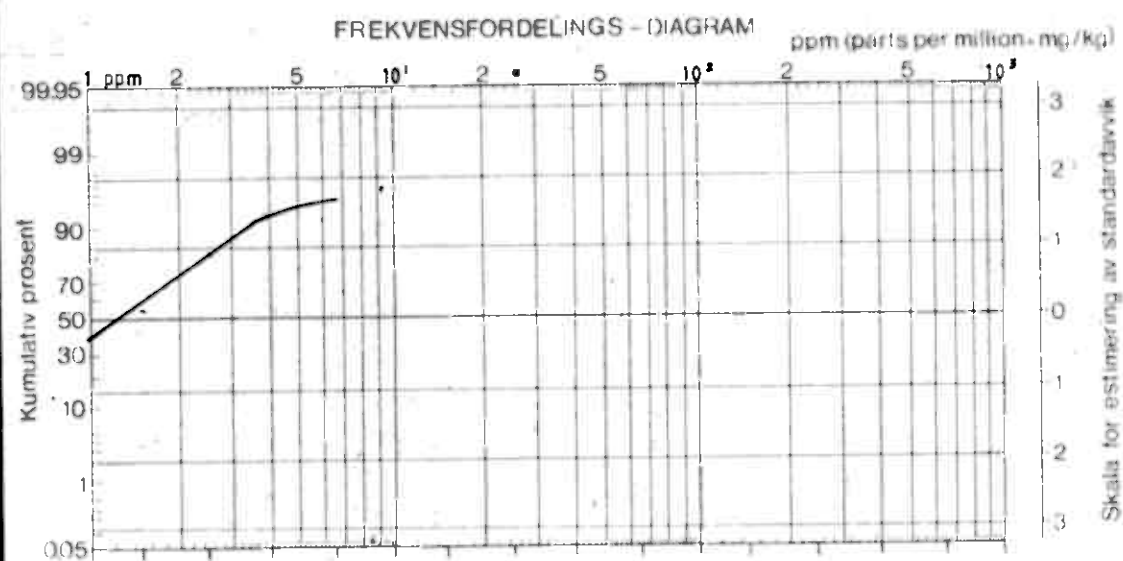
- $\leq 6$  ppm
- 7-10 ppm
- 11-15 ppm
- 16-25 ppm
- $\geq 26$  ppm

USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Pb  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

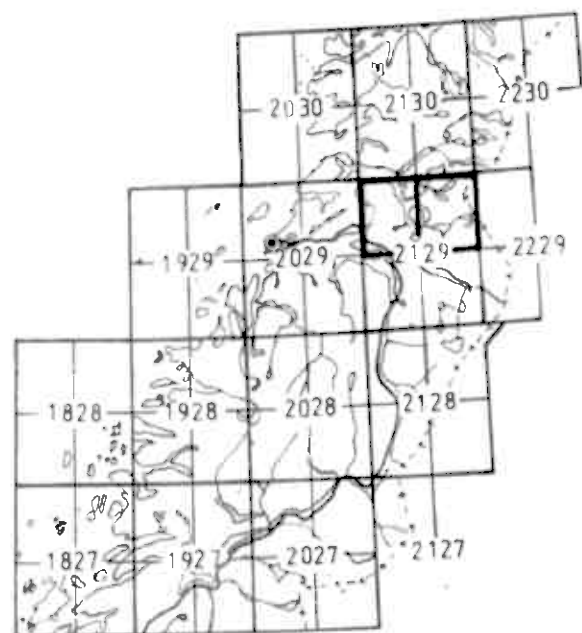
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

| MÅLESTOKK<br>1:50000 | OBS.  | R.K. | aug. 1978 |
|----------------------|-------|------|-----------|
|                      | TEGN  | O.H. | mars 1979 |
|                      | TRAC. | O.H. | mars 1979 |
|                      | KFR.  | R.K. | mars 1979 |

|                              |                            |
|------------------------------|----------------------------|
| TEGNING NR.<br>1650/30B-0012 | KARTBLAD NR.<br>2129 I, IV |
|------------------------------|----------------------------|



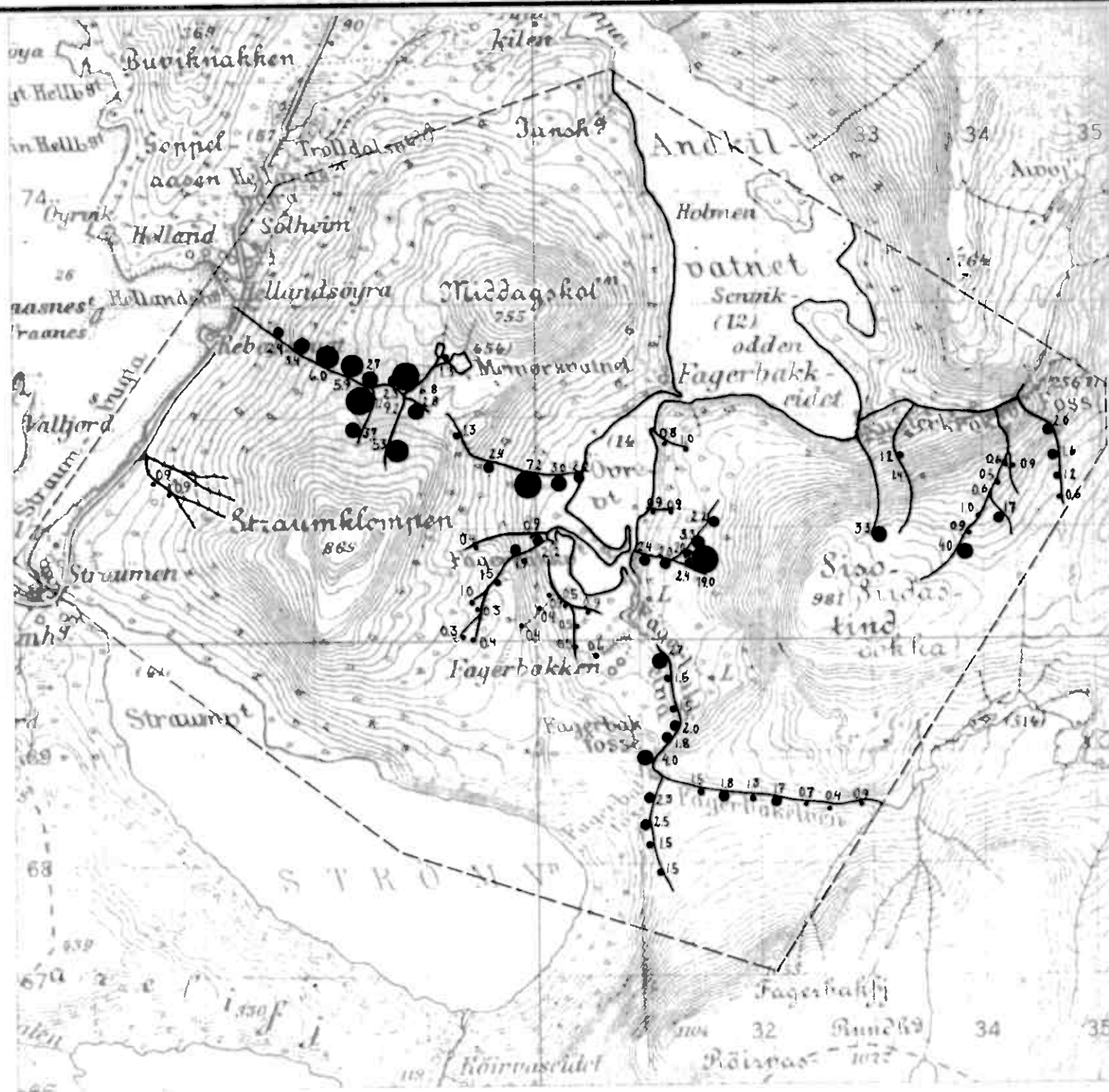
Konsentrasjons-intervaller med tilsvarende karttegn



N

TEGNFORKLARING:

- $\approx 1,0$  ppm
- 1,1 - 1,5 ppm
- 1,6 - 2,5 ppm
- 2,6 - 4,0 ppm
- 4,1 - 6,5 ppm
- $\geq 6,6$  ppm



Målestokk 1 : 50000



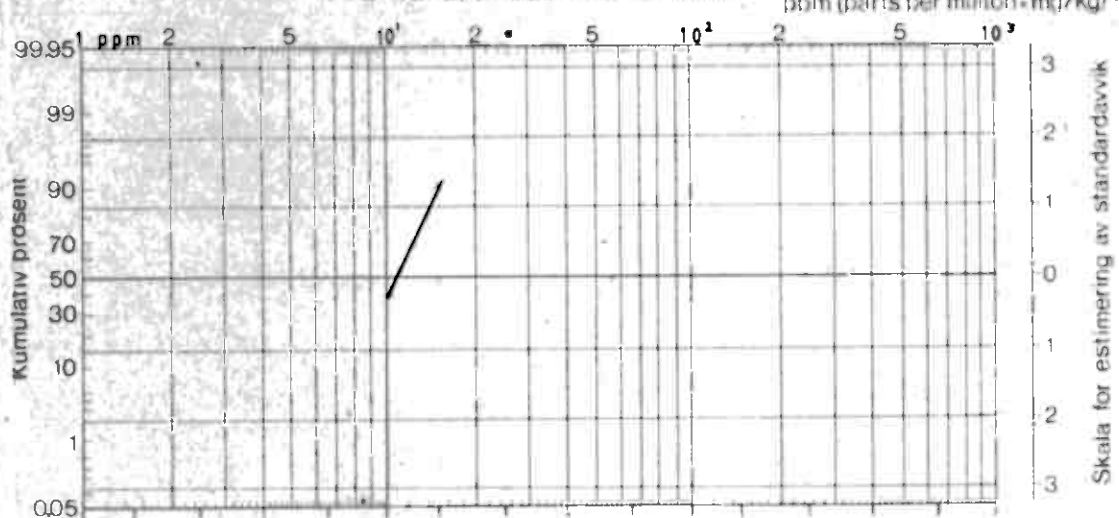
USB 1978  
BEKKESEDIMENTER, SYRELØSELIG U  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

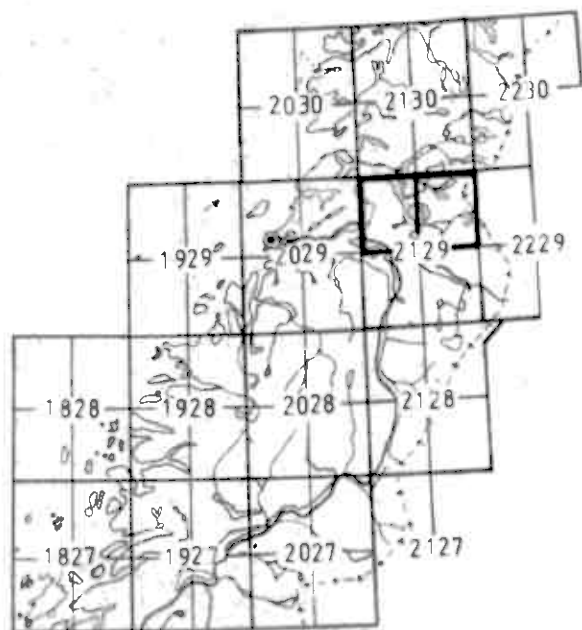
| MÅLESTOKK<br>1 : 50000 | OBS.  | R.K. | aug. 1978 |
|------------------------|-------|------|-----------|
|                        | TEGN  | O.H. | mars 1979 |
|                        | TRAC. | O.H. | mars 1979 |
|                        | KFR.  | R.K. | mars 1979 |

| TEGNING NR    | KARTBLAD NR |
|---------------|-------------|
| 1650/30B-0013 | 2129 I, IV  |

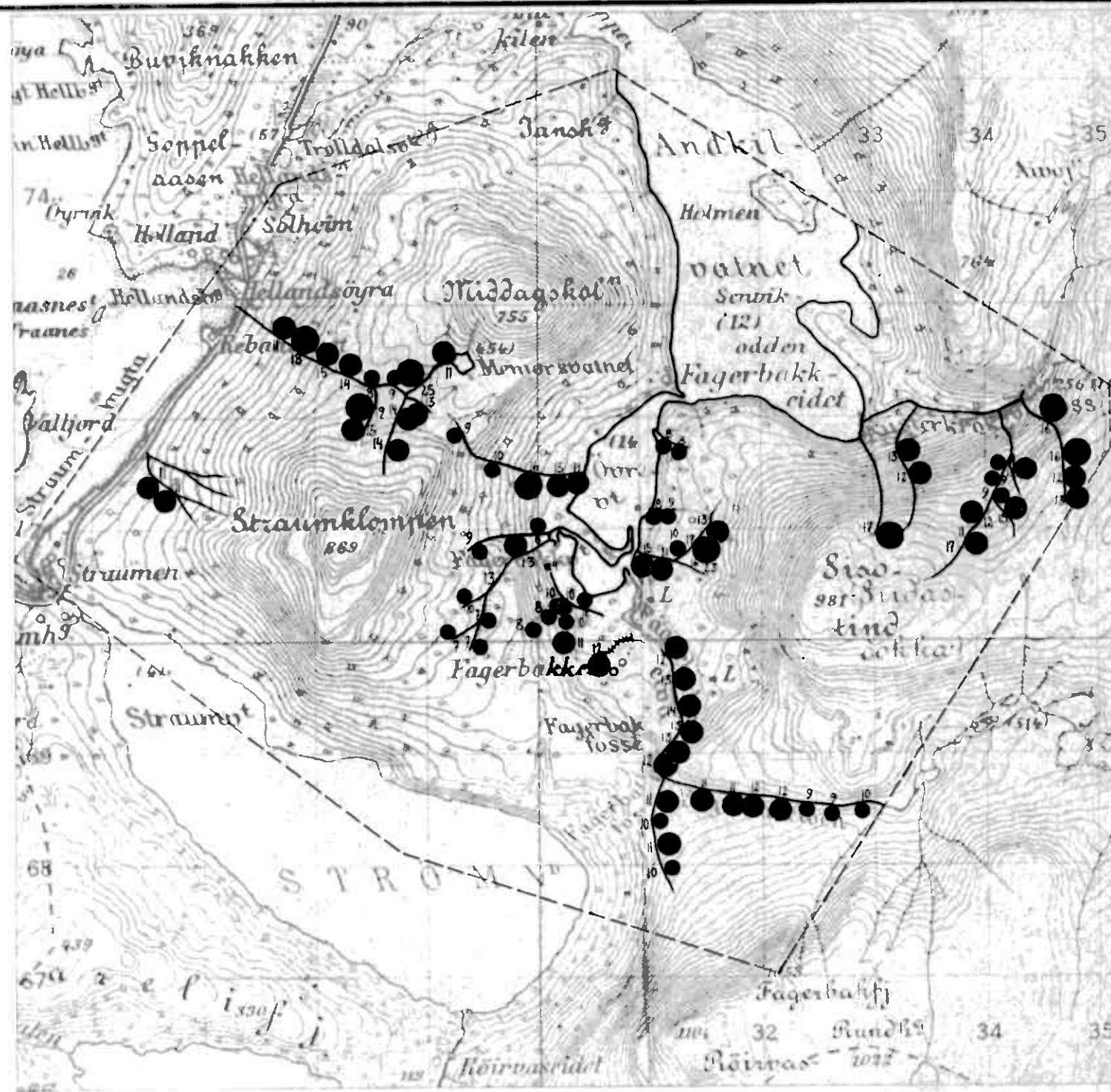
# FREKVENSFORDELINGS - DIAGRAM



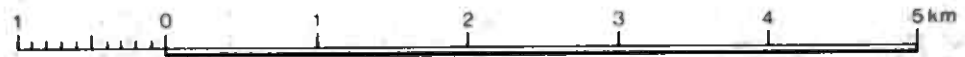
Konsentrasjons-intervaller med tilsvarende karttegn



N



Målestokk 1 : 50000



## TEGNFORKLARING:

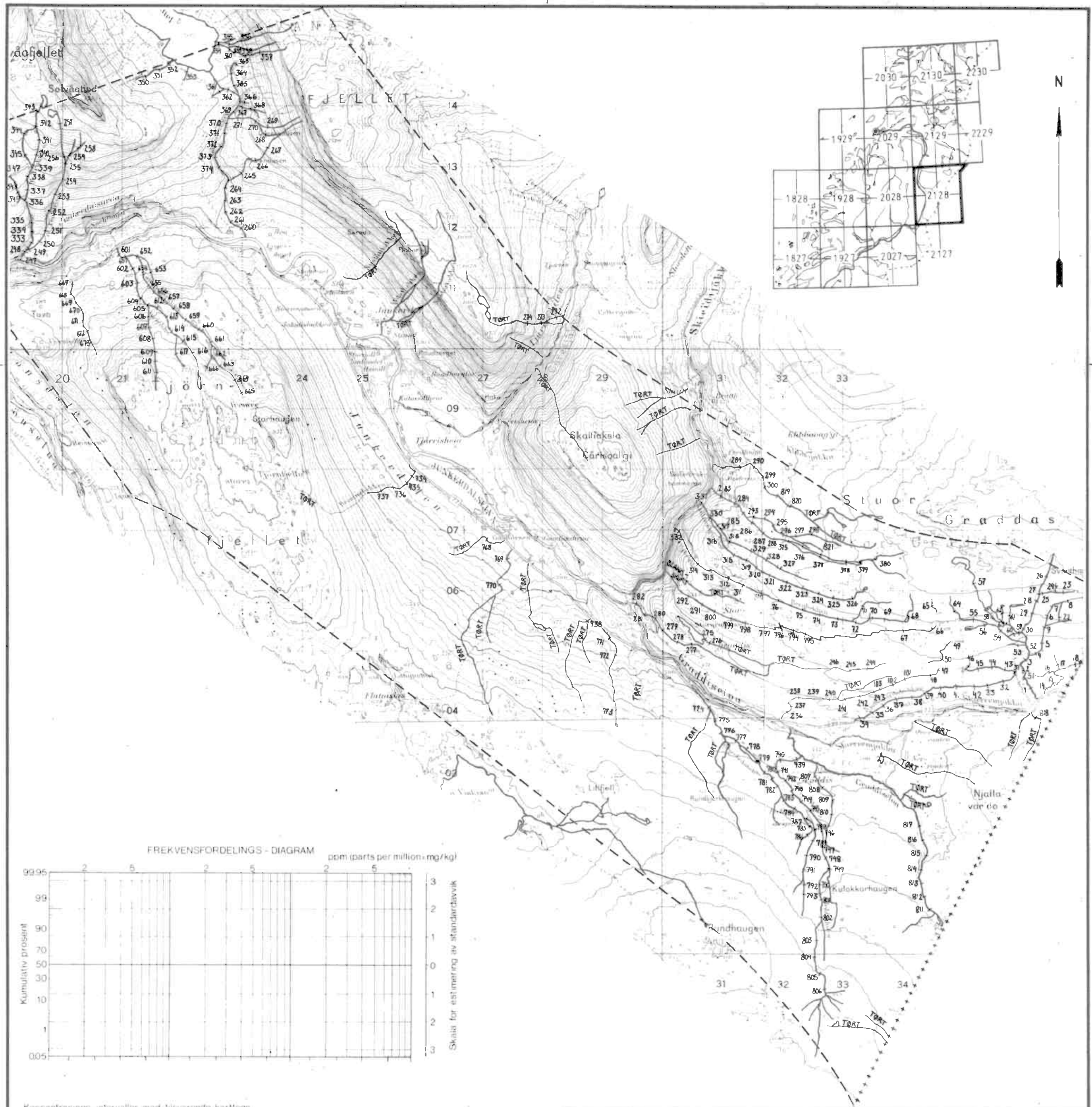
- ≈ 6 ppm
- 7 - 10 ppm
- 11 - 15 ppm
- ≈ 16 ppm

USB 1978  
BEKKESEDIMENTER  $\text{HNO}_3$ - LØSELIG Mo  
STRAUMENOMRÅDET  
FAUSKE, NORDLAND

|           |       |      |           |
|-----------|-------|------|-----------|
| MÅLESTOKK | OBS   | R.K  | aug 1978  |
| 1 : 50000 | TEGN  | OH   | mars 1979 |
|           | TRAC. | OH   | mars 1979 |
|           | KFR   | R.K. | mars 1979 |

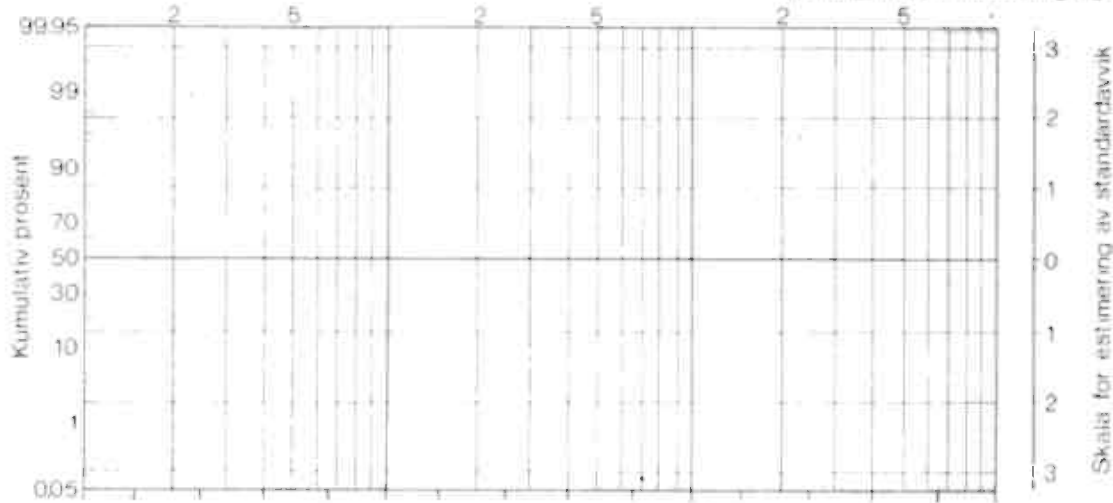
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

|               |             |
|---------------|-------------|
| TEGNING NR    | KARTBLAD NR |
| 1650/30B-0014 | 2129 I, IV  |



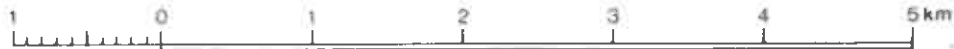
FREKVENSFORDELINGS - DIAGRAM

ppm (parts per million; mg/kg)



Konsentrasjonsintervaller med tilsvarende karttegn

Målestokk 1: 50 000

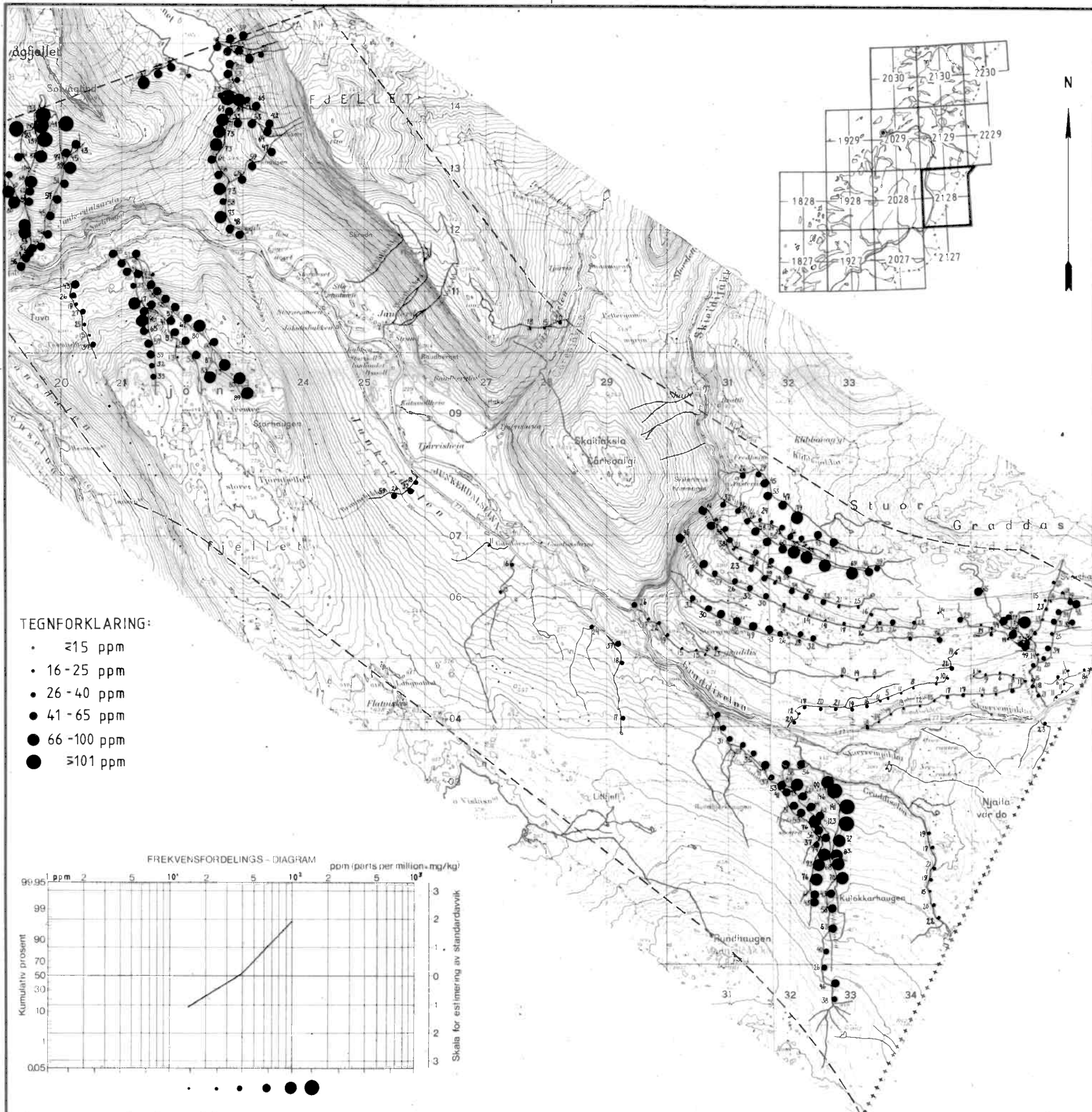


USB 1978  
BEKKESEDIMENTER, PRØVENUMMER  
JUNKERDALEN  
SALTDAL, NORDLAND

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

|            |       |      |           |
|------------|-------|------|-----------|
| MÅLESTOKK: | OBS.  | R.K. | aug 1978  |
|            | TEGN  | O.H. | mars 1979 |
|            | TRAC. | O.H. | mars 1979 |
|            | KFR.  | R.K. | mars 1979 |

|                |                     |
|----------------|---------------------|
| TEGNING NR.    | KARTBLAD NR.        |
| 1650/30B-00015 | 2128 I, II, III, IV |

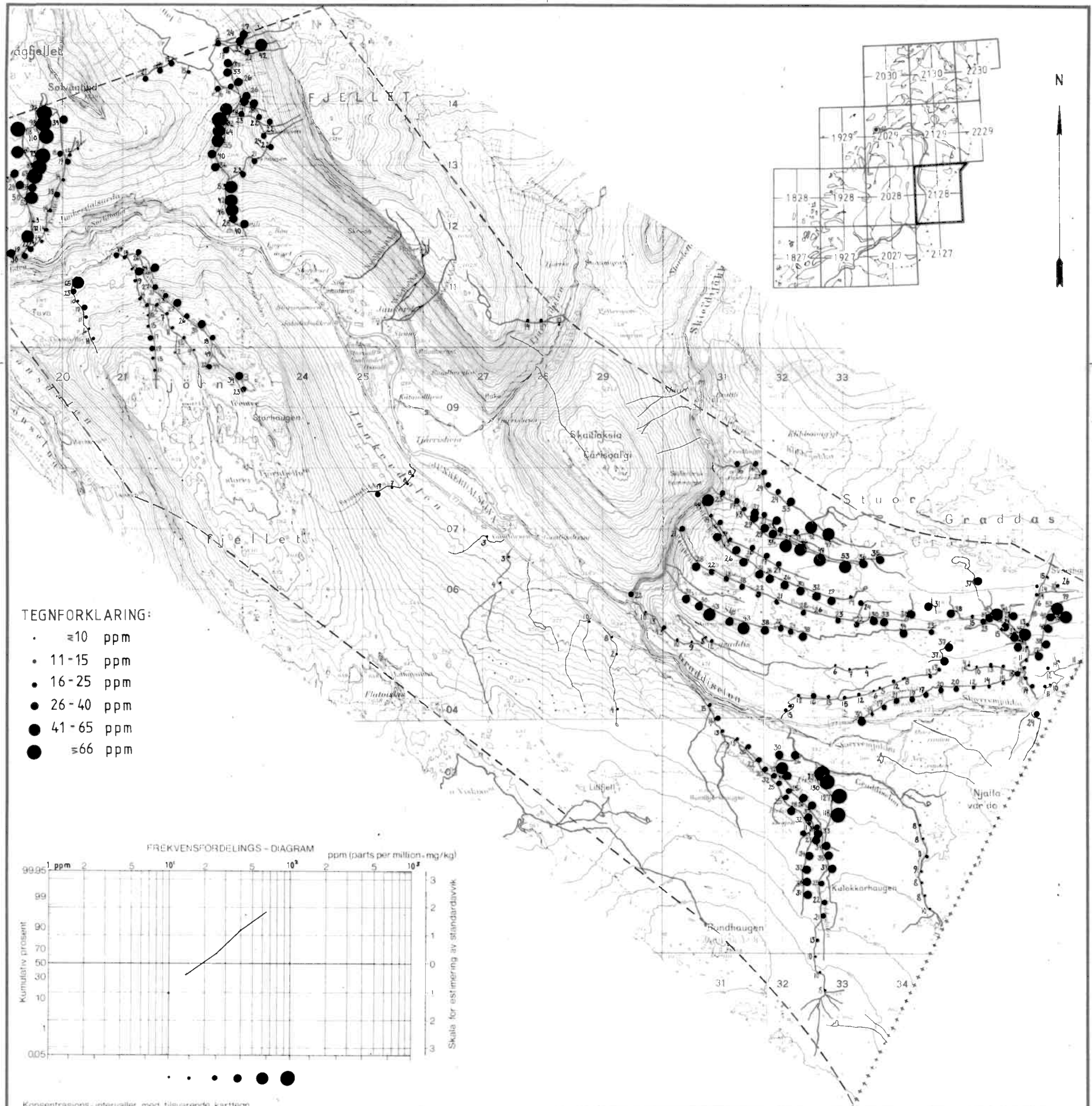


USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG CU  
JUNKERDALEN  
SALTDAL, NORDLAND

|            |       |      |           |
|------------|-------|------|-----------|
| MÅLESTOKK: | OBS.  | R.K. | aug. 1978 |
|            | TEGN  | O.N. | mars 1979 |
|            | TRAC. | O.N. | mars 1979 |
|            | KFR.  | R.K. | mars 1979 |

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

|                |                     |
|----------------|---------------------|
| TEGNING NR.    | KARTBLAD NR.        |
| 1650/30B-00016 | 2128 I, II, III, IV |

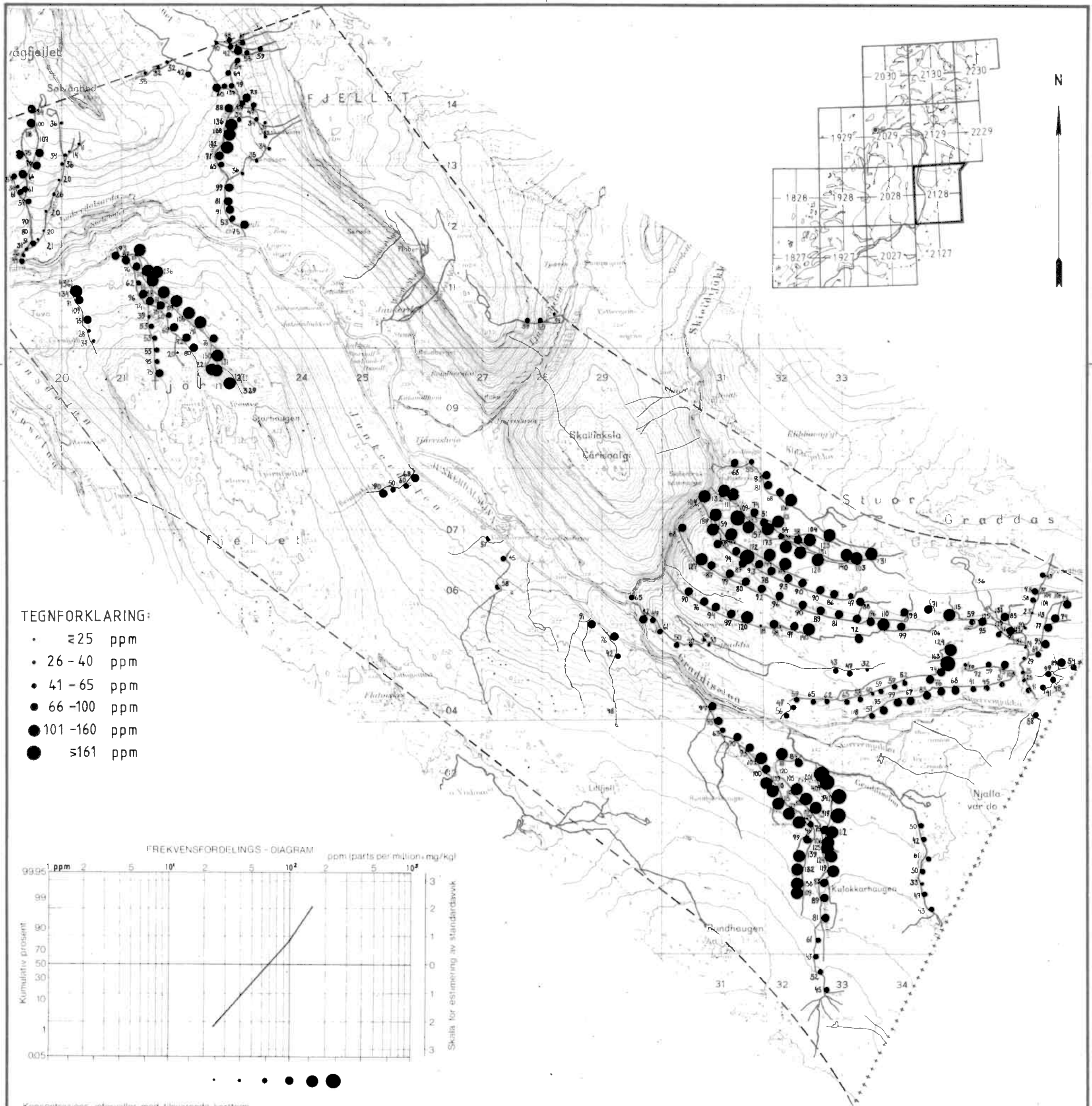


USB 1978  
BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG Ni  
JUNKERDALEN  
SALTDAL, NORDLAND

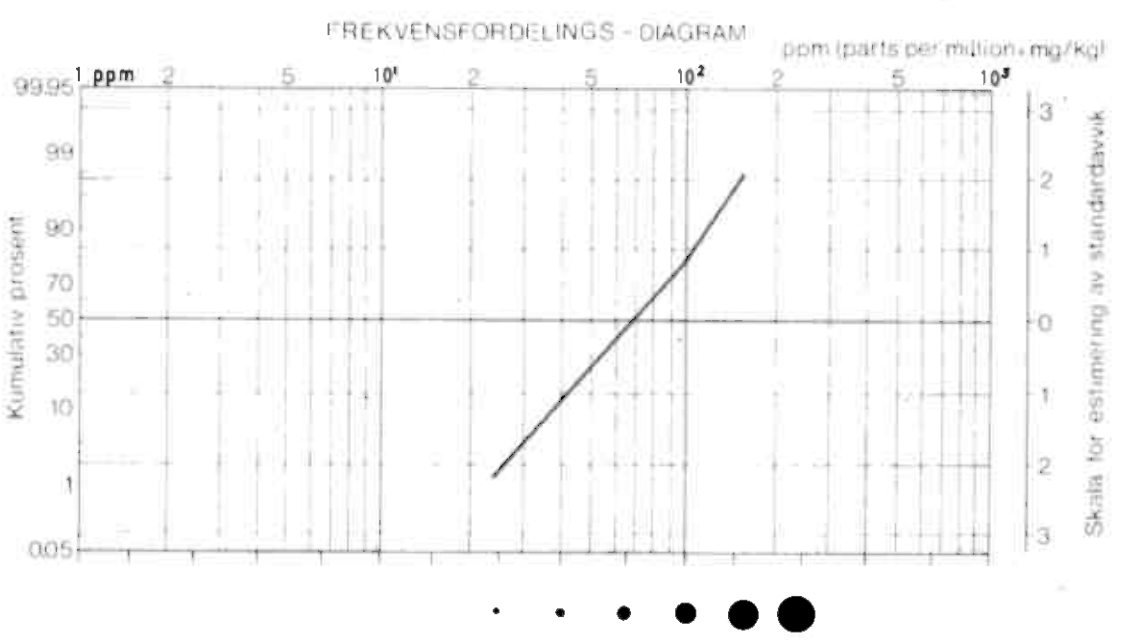
NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

|            |      |     |           |
|------------|------|-----|-----------|
| MÅLESTOKK: | OBS. | R K | aug 1978  |
|            | TEGN | OH  | mars 1979 |
|            | TRAC | OM  | mars 1979 |
|            | KFR  | RK  | mars 1979 |

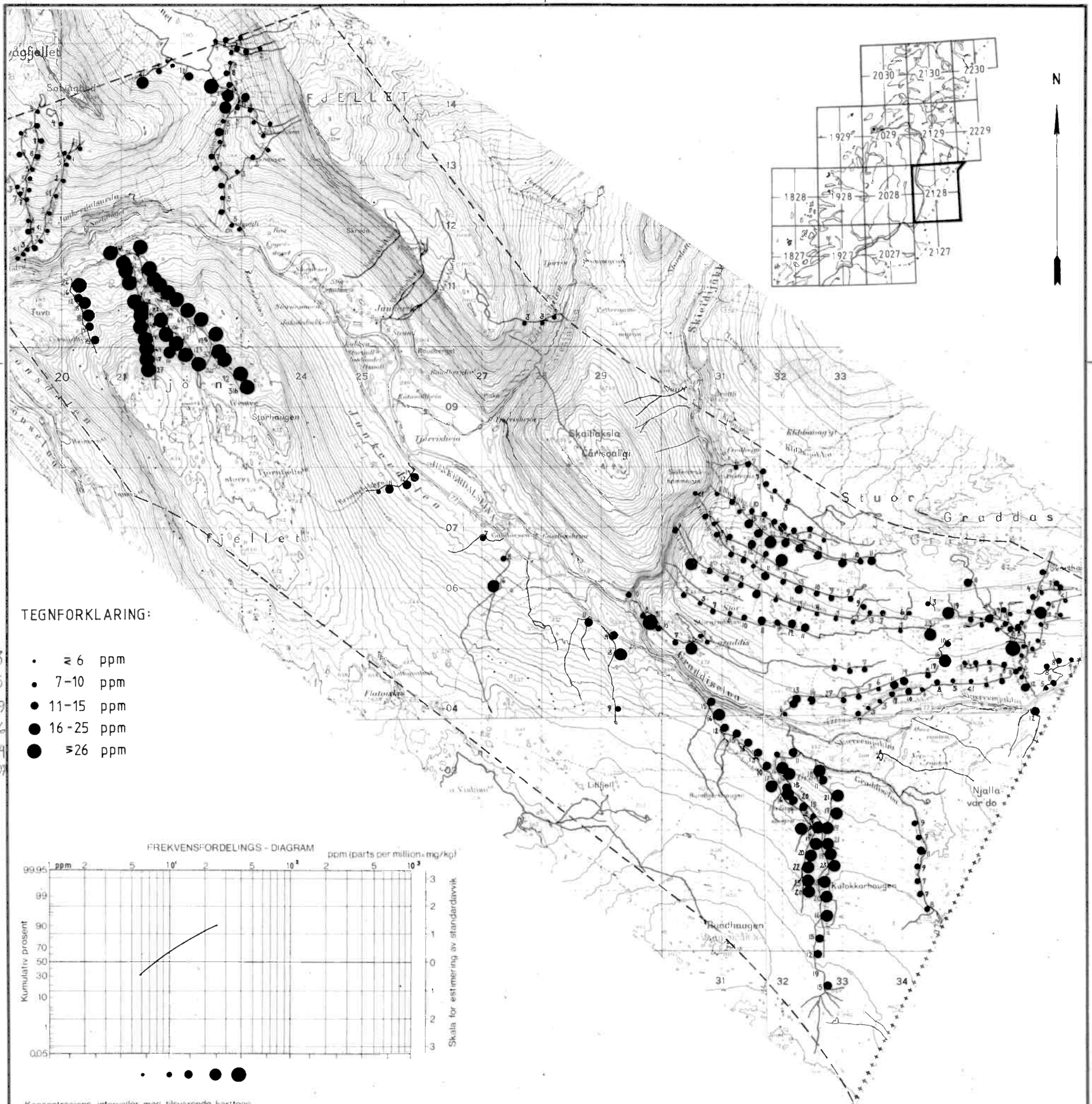
|                |                     |
|----------------|---------------------|
| TEGNING NR.    | KARTBLAD NR.        |
| 1650/30B-00017 | 2128 I, II, III, IV |



- TEGNFORKLARING:
- $\geq 25$  ppm
  - 26 - 40 ppm
  - 41 - 65 ppm
  - 66 - 100 ppm
  - 101 - 160 ppm
  - $\geq 161$  ppm

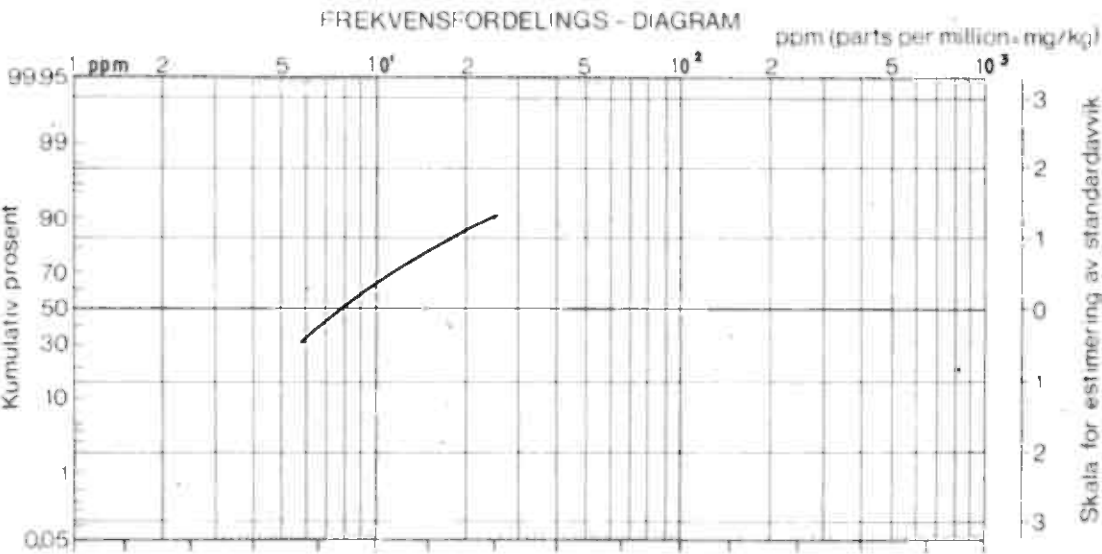


|                                                                                            |                            |      |           |
|--------------------------------------------------------------------------------------------|----------------------------|------|-----------|
| USB 1978<br>BEKKESEDIMENTER, $\text{HNO}_3$ LØSELIG Zn<br>JUNKERDALEN<br>SALTDAL, NORDLAND | MÅLESTOKK: 1:50000         |      |           |
|                                                                                            | OBS.                       | R.K. | aug 1978  |
|                                                                                            | TEGN                       | O.H. | mars 1979 |
|                                                                                            | TRAC                       | O.H. | mars 1979 |
| NORGES GEOLOGISKE UNDERSØKELSE<br>TRONDHEIM                                                | KFR. R.K. mars 1979        |      |           |
|                                                                                            | TEGNING NR. 1650/30B-00018 |      |           |
| KARTBLAD NR. 2128 I, II, III, IV                                                           |                            |      |           |



TEGNFORKLARING:

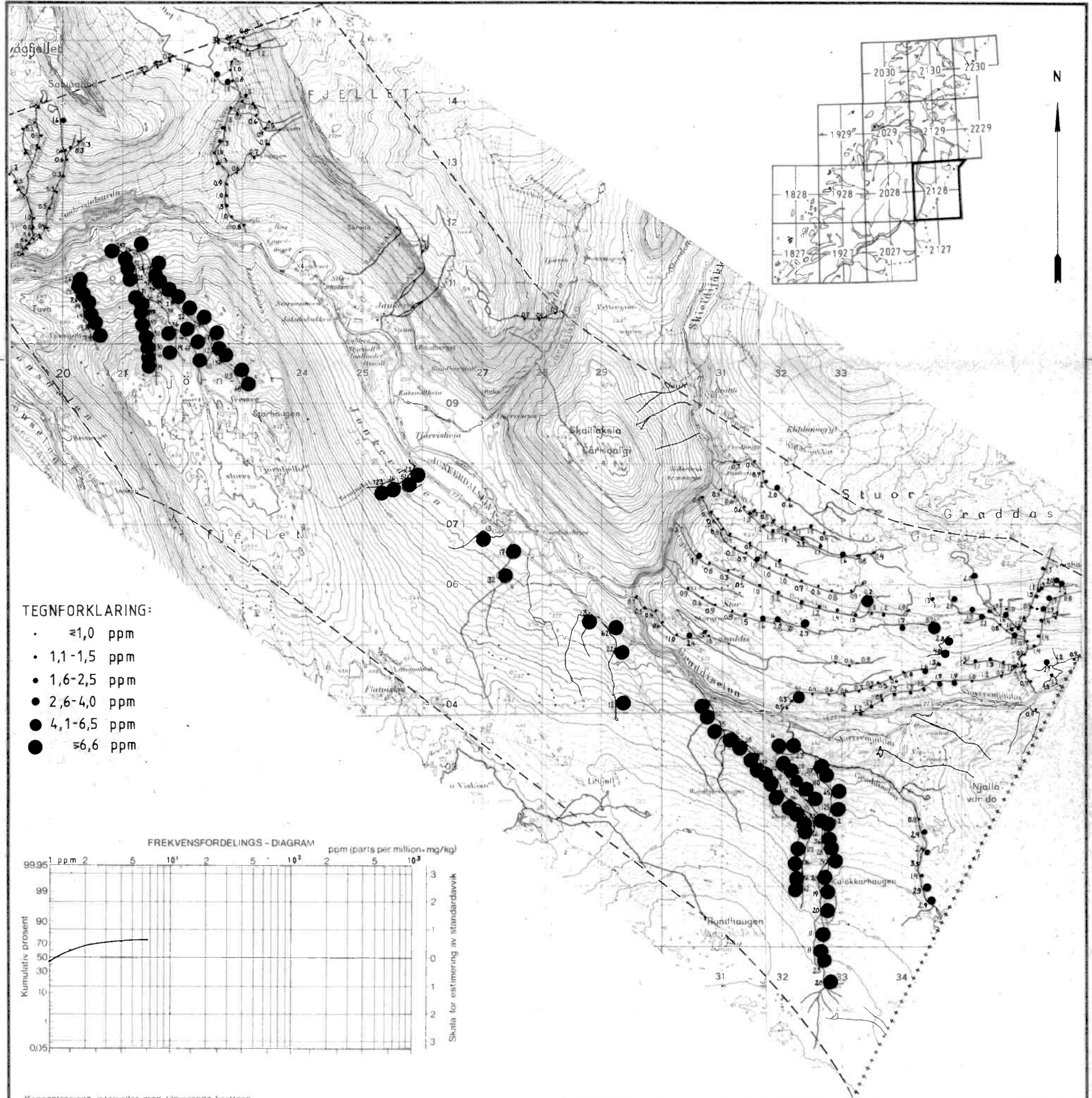
- $\geq 6$  ppm
- 7-10 ppm
- 11-15 ppm
- 16-25 ppm
- $\geq 26$  ppm



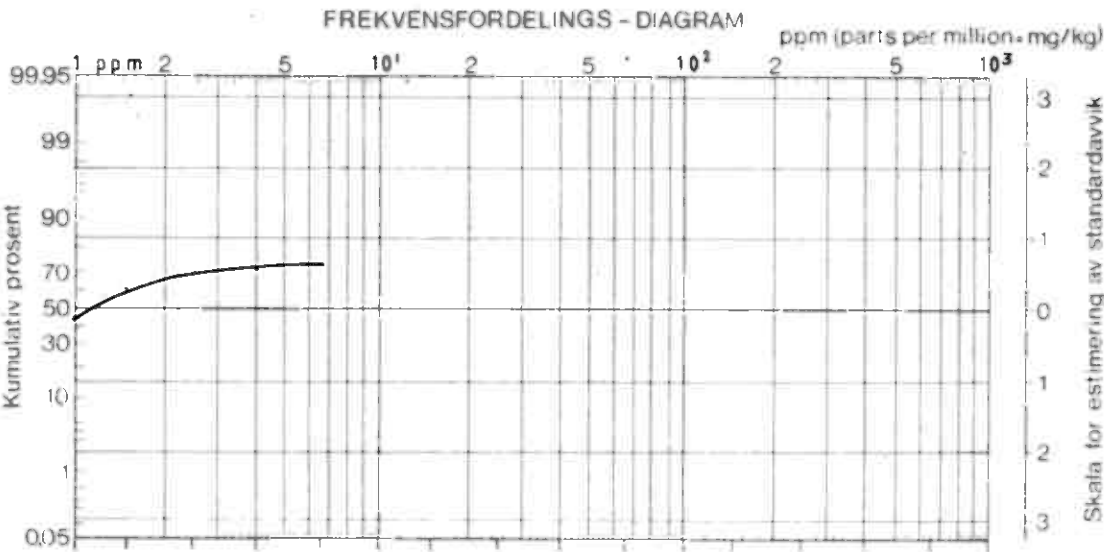
Konsentrasjons-intervaller med tilsvarende karttegn



|                                                                                               |                               |                                     |      |           |
|-----------------------------------------------------------------------------------------------|-------------------------------|-------------------------------------|------|-----------|
| USB 1978<br>BEKKESEDIMENTER, HNO <sub>3</sub> -LØSELIG Pb<br>JUNKERDALEN<br>SALTDAL, NORDLAND | MÅLESTOKK:<br><br>1:50000     | OBS.                                | R.K. | aug 1978  |
|                                                                                               |                               | TEGN                                | Ø.   | mars 1979 |
|                                                                                               |                               | TRAC.                               | Ø.   | mars 1979 |
|                                                                                               |                               | KFR.                                | R.K. | mars 1979 |
| NORGES GEOLOGISKE UNDERSØKELSE<br>TRONDHEIM                                                   | TEGNING NR.<br>1650/30B-00019 | KARTBLAD NR.<br>2128 I, II, III, IV |      |           |

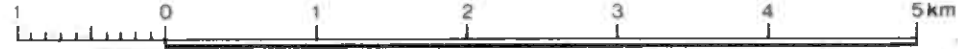


- TEGNFORKLARING:
- $\approx 1,0$  ppm
  - 1,1-1,5 ppm
  - 1,6-2,5 ppm
  - 2,6-4,0 ppm
  - 4,1-6,5 ppm
  - $\geq 6,6$  ppm

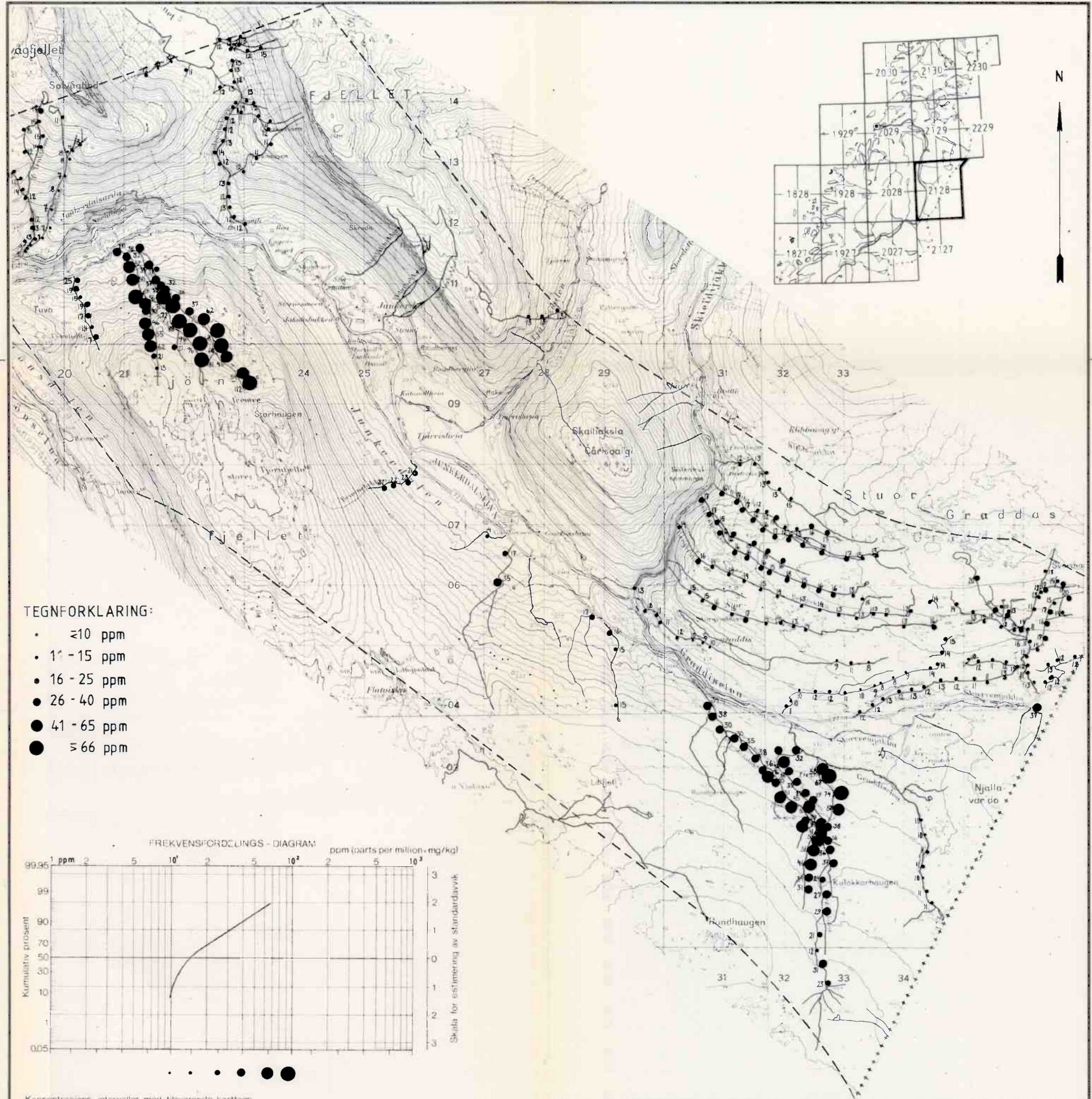


Konsentrasjons-intervaller med tilsvarende karttegn

Målestokk 1:50000



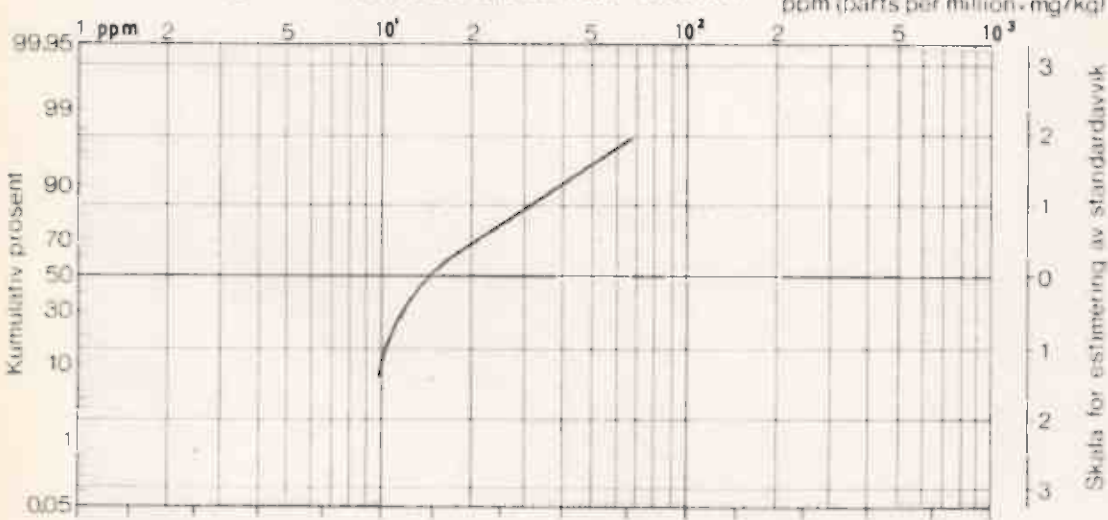
|                                                                                |                |  |                     |      |           |
|--------------------------------------------------------------------------------|----------------|--|---------------------|------|-----------|
| USB 1978<br>BEKKESEDIMENTER, SYRELØSELIG U<br>JUNKERDALEN<br>SALTDAL, NORDLAND | MÅLESTOKK:     |  | OBS.                | R.K. | aug. 1978 |
|                                                                                | 1:50000        |  | TEGN                | O.J. | mars 1979 |
|                                                                                |                |  | TRAC                | O.H. | mars 1979 |
|                                                                                |                |  | KFR.                | R.K. | mars 1979 |
| NORGES GEOLOGISKE UNDERSØKELSE<br>TRONDHEIM                                    | TEGNING NR.    |  | KARTBLAD NR.        |      |           |
|                                                                                | 1650/30B-00020 |  | 2128 I, II, III, IV |      |           |



TEGNFORKLARING:

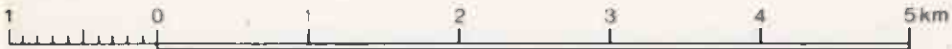
- $\leq 10$  ppm
- 11 - 15 ppm
- 16 - 25 ppm
- 26 - 40 ppm
- 41 - 65 ppm
- $\geq 66$  ppm

FREKVENSFORDELINGS-DIAGRAM



Konsentrasjons-intervaller med tilsvarende karttegn

Målestokk 1:50000



USB 1978

BEKKESEDIMENTER,  $\text{HNO}_3$ -LØSELIG  $\text{Mo}$

JUNKERDALEN

SALTDAL, NORDLAND

NORGES GEOLOGISKE UNDERSØKELSE  
TRONDHEIM

MÅLESTOKK:

1:50000

|      |      |           |
|------|------|-----------|
| OBS. | R.K. | aug. 1978 |
| TEGN | Ø.L. | mars 1979 |
| TRAC | Ø.L. | mars 1979 |
| KFR  | R.K. | mars 1979 |

TEGNING NR.

1650/30B-00021

KARTBLAD NR.

2128 I, II, III, IV