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| Tittel: Geokjemi i bekkesedimenter i Rana; supplerende kartlegging 1992 | | |
| Forfatter: Tor Erik Finne | | Oppdragsgiver: NGU Nordlandsprogrammet |
| Fylke: Nordland | | Kommune: Rana |
| Kartblad (M=1:250.000) Mo i Rana, Saltdal | | Kartbladnr. og -navn (M=1:50.000) 2027-2 Kaldvatnet, 2127-4 Virvatnet og 2128-3 Lønsdal |
| Forekomstens navn og koordinater: | | Sidetall: 54 Pris: 80,- Kartbilag: |
| Feltarbeid utført: 1992 | Rapportdato: 1999.12.31 | Prosjektnr.: 254317 |
| Sammendrag: Prøver av bekkesedimenter fra 70 lokaliteter i et område tilstøtende et område i Rana undersøkt i 1985 viser ingen høye verdier. | | |
| Emneord: Geokjemi | Bekkesediment | Tungmetaller |
| Fagrappart | | |
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Enkel statistisk oversikt over analysedata fra 70 prøver av bekkesedimenter i Rana.

TEKSTBILAG

VEDLEGG

Vedlegg 1, 1s

Analyseresultater av feltdubletter 1992.

Vedlegg 2, 1s

XY-diagrammer som viser analyseresultatene for feltdublettene

Vedlegg 3, 3s

Analyseresultater av reanalyse av 23 prøver fra 1985 i 1992-analyseserien.

Vedlegg 4, 1s

XY-diagrammer som viser analyseresultatene for reanalysene

Vedlegg 5, 15 s

Analyseresultater fra 1985-undersøkelsen og 1992-undersøkelsen, med 1992-resultatene omregnet til 1985-nivå

Vedlegg 6, 1 s

Prøvenummerkart

Vedlegg 7, 25 s

Kart over innhold av HNO₃-løselig fraksjon av -0.18mm-fraksjonen av bekkesedimenter: Al, Ca, Fe, K, Mg, Mn, Na, P, Ti, Ba, Be, Ce, Co, Cr, Cu, La, Li, Mo, Ni, Pb, Sc, Sr, V, Zn og Zr

1. INNLEDNING

En rekke geokjemiske undersøkelser har i årenes løp vært gjennomført i Nordland fylke. I 1986 ble det gjennomført en kartlegging av løsmasser, bekkesedimenter og bekkevann i hele fylket, med en prøvetakingstetthet på ca 1/30km². Planene er beskrevet av Ottesen og Volden (1986), resultater for syreekstraksjon av bekkesedimenter er rapportert av Krog (1987), mens Ekremsæter (1988) rapporterte totalinnhold av en rekke grunnstoffer i bekkesedimenternes finfraksjon. Resultatene fra analyse av bekkesedimentenes tungmineralkonsentrater er rapportert av Wolden (1987). Allerede året før hadde NGU i samarbeid med Nordland fylkeskommune gjennomført en mer detaljert regional geokjemisk kartlegging i Rana og i Sulitjelma-området. Det ble da samlet løsmasseprøver og bekkesedimenter med prøvetakingstetthet 1/10km². Resultatene fra bekkesedimentundersøkelsene i Rana er beskrevet av Krog og Næss (1987b), og fra Sulitjelma-området av Næss og Krog, (1987a).

For å skaffe et enhetlig geokjemisk materiale for bruk i samtolking med geofysikk og geologi i områder som ble ansett som interessante forprospektering etter sulfidmineraler og edelmetaller, ble det på oppfordring fra programledelsen utarbeidet en plan for prøvetaking og analyse av løsmasser og bekkesedimenter i de områdene som lå inntil undersøkelsesområdet i Rana fra 1985. Det ble imidlertid ikke prioritert å gå ut med ny prøvetaking for å skaffe jordprøver eller bekkesedimenter fra to andre tilstøtende områder som på 1970-tallet var prøvetatt svært detaljert med bekkesedimenter (Saltfjell-Svartisen).

Feltarbeid og analyser er lagt så nær opp til arbeidet i 1985 som mulig, slik at datasettene skal være sammenliknbare. I 1985 var det en forutsetning at det ble benyttet (ukvalifisert) arbeidskraft fra Arbeidsformidlingen til feltarbeidet. Feltarbeidet i 1992 ble utført av Gunnar Næss fra NGU, hvilket borger for gjennomgående høyere kvalitet enn i 1985. Rapporteringen er gjennomført noe annerledes en tilfellet var for 1985-sesongen. Metodebeskrivelse for felt og laboratorium er identisk med 1985-arbeidet. Resultatene er presentert i kart i målestokk 1:250000, men de er også tegnet sammen med resultatene fra tidligere undersøkelse, og er da bare tegnet i målestokk ca 1:1 mill.

2. METODER

2.1 FELTDATA

Det prøvetatte området er ca 700 km² stort og strekker seg over tre kartblad i M711-serien (målestokk 1:50000). De aktuelle kartbladene er 2027-2 Kaldvatnet, 2127-4 Virvatnet og 2128-3 Lønsdal. Det prøvetatte areal utgjør omlag 950 km², og prøvetakingstettheten er dermed noe glisnere enn i 1985, nemlig ca 1 prøve/13 km². Feltarbeidet ble gjennomført i siste halvdel av juli 1992 av Gunnar Næss alene. For å nå noen av de mest fjerntliggende lokalitetene ble det benyttet helikopter i samarbeid med NGU's geofysikere. I alt gikk det med 16 reisedøgn for feltarbeidet, reisen Trondheim - Rana innbefattet. Det ble kjørt 2560 km med bil, tilbakelagt 166 km til fots, leid båt i 3 dager og fløyet 1,18 timer med helikopter. Samlet kostnad for feltarbeidet utenom lønn og arbeidsgodtgjørelse ble i underkant av 26000 kr.

Vedlegg 6 viser prøvenummer på et kartutsnitt i 1:250000, sammen med alle lokaliteter i Rana- og Sulis-området i målestokk 1: 3 mill. På det siste kartet er lokalitetene fra 1992 skilt ut med eget symbol.

Plasseringen av prøvestedene ble planlagt før feltsesongen. Prøvetakingsområdet ble delt inn i ruter på 10 km² og innen hver rute ble det forsøkt funnet et prøvested som var mest mulig representativt for denne ruta. Prøvestedet ble dessuten lagt godt ovenfor veier, dyrka mark og andre forurensingskilder. Ved hvert prøvested ble det tatt tre prøver. To av prøvene var bekkesedimenter og den tredje prøven var en løsmasseprøve som ble tatt noen meter til side for bekken. Der det var mulig ble løsmasseprøven tatt i morenen på ca 0.5 m dyp. Mange steder var imidlertid morenematerialet svært tynt eller helt fraværende. Det ble da tatt en prøve av den løsmassen som fantes. Dette kunne medføre prøver med høyt innhold av organisk materiale.

Bekkesedimentprøvene ble oppbevart i papirposer som i laboratoriet på NGU ble plassert i tørkeovn og tørket ved ca 50 °C. Etter tørking ble bekkesedimentprøvene siktet gjennom 0.18 mm nylonduk.

2.2 ANALYSEMETODER

Sammen med prøvene fra de 70 lokalitetene samt 7 feltdoubletter ble det tatt ut 23 prøver fra den analyseserien som ble gjennomført i 1985. Disse prøvene, som ble valgt fra Rana-området og representerte et utvalg av høye og lave verdier i den tidligere undersøkelsen, ble satt inn i analyseserien fra 1992 for å skaffe kontroll med analysenivåforskyvninger mellom de to datasettene. Alle de 100 prøvene ble gitt nye nummer i tilfeldig rekkefølge (randomisering) for å hindre at systematiske preparerings- eller analysefeil skulle gi geografiske mønstre som kunne mistolkes. Prøvene ble oppsluttet ved at ett gram av prøvene ble veid inn i reagensglass og tilført 5 ml 7 N salpetersyre, fortynnet til 20 ml og hensatt i 3 timer ved ca 110 °C. Etter tilgang av referanseelementet yttrium og fortynning til 100 ml, ble det ved hjelp av ICP analysert 29 grunnstoffer i løsningen: Al (aluminium), Ca (kalsium), Fe (jern), K (kalium), Mg (magnesium), Mn (mangan), Na (natrium), P (fosfor), Si (silisium), Ti (titan), Ag (sølv), B (bor), Ba (barium), Be (beryllium), Cd (kadmium), Ce (cerium), Co (kobolt), Cr (krom), Cu (kobber), La (lantan), Li (litium), Mo (molybden), Ni (nikkel), Pb (bly), Sc (skandium), Sr (strontium), V (vanadium), Zn (sink) og Zr (sirkonium). Metoden er beskrevet av Ødegård (1983).

2.3 DATABEARBEIDING

Feltkartene med prøvelokalitetene avmerket ble brukt for koordinatfesting i UTM-sone 33. (Gjeldende datum for kart var på den tiden ED50. Alle koordinater er i ettertid omregnet til WGS84 datum). Analysesresultatene ble levert i digital form og koblet med filene for randomkode og koordinater ved hjelp av geokjemisk produksjonssystem på HP 3000. Kontroll av reproduserbarhet av feltdoublettene ble siden gjennomført vha DAS på PC. Nivåkontroll og -justering mellom 1985- og 1992- datasettene ble gjort med lineær regresjon vha DAS og Excel på PC, og endelig er kartene tegnet med DAS.

Dersom reproducerbarheten av 1992-prøvene ikke var god nok, eller det på grunn av stor spredning mellom gamle og nye analyser for de 23 utvalgte prøvene fra 1985-materialet ikke lot seg gjøre regne 1992-prøvene om til 1985-nivå, ble det aktuelle grunnstoffet forkastet fra det samlede datasettet. God reproducerbarhet for feltdublettene, men dårlig reproducerbarhet av reanalysene ga således grunnlag for kartframstilling av 1992-materialet, men ikke for kobling av de to datasettene til felles nivå.

Kartene er tegnet med klasseinndeling etter «Box-plot metoden», hvor data i hovedsak deles inn etter kvartiler. Avstanden i dataverdi (HS) mellom 75-prosentilen (UH) og 25-prosentilen (LH) beregnes. Øvre grenser for 6 grupper beregnes da slik:

- 1 - LH - 1.5*HS
- 2 - LH
- 3 - Median
- 4 - UH
- 5 - UH + 1.5*HS
- 6 - Maksimum

Hvis øvre grense 1 er lavere enn minimum, faller denne gruppen bort. Hvis øvre grense 5 er større enn maksimum faller også denne gruppen bort. Er det liten spredning på data blir det følgelig lite variasjon på z-skalaen på kartet. Denne metoden er velegnet for å avdekke verdier som er anomale i forhold til det datasettet det tilhører. Metoden skiller rimeligvis ikke mellom relative og absolute anomalier; brukeren må fortsatt legge til grunn sin egen kunnskap om hva slags nivåer som er interessante i den tolkningen som skal gjøres.

3. RESULTATER

Resultatene er presentert som tabeller, diagrammer og kart; de fleste er lagt i vedleggsdelen av rapporten. Det er få interessante resultater i de 70 prøvetatte lokalitetene i arbeidet fra Rana 1992. Kommentarene til resultatene er derfor holdt på et minimum, og tatt med i dette kapittelet heller enn i et eget diskusjonskapittel.

Vurdering av feltdublettene utgjør den første kvalitetskontrollen av arbeidet. Tabell som viser disse er gjengitt i Vedlegg 1 «Analyseresultater for 7 feltdubletter bekkesedimenter Rana 1992». Tabellen inneholder foruten analyseresultatene også stigningstallet for regresjonslinje, Pearson korrelasjonskoeffisient og tall for variasjonskoeffisienten (VK). Resultatene er illustrert i diagramform i Vedlegg 2, med unntak av grunnstoffene Si, Ag og Cd. Løselighetsparametre for Si i 7N HNO₃ er slik at løselighetsproduktet overskrides, og resultatene gir derfor ikke mening. For sølv og kadmiums vedkommende var alle verdiene på eller under deteksjonsgrensen, slik at plott av verdiene i dublettparene var overflødig. Diagrammene har alle samme (logaritmiske) akseinndeling for X- og Y-aksene for hvert grunnstoff, og ved god reproducerbarhet for feltdublettene skal punktene plottet langs diagonalen. Det er da også tilfelle for alle de grunnstoffene som er plottet, bortsett fra bor, som også oppviser den høyeste gjennomsnitlige variasjonskoeffisienten av alle. Siden dublettene også utgjør et rimelig godt utvalg av høye og lave dataverdier i forhold til resten av datasettet, er B vurdert til å ikke være reproducerbart. Dette skyldes sannsynligvis at prøvene er forurensset av bor fra reagensglassene (borsilikatglass) som ble brukt under syreekstraksjonen.

Muligheten for å koble sammen analyseresultatene fra Rana 1992 med resultatene fra tilstøtende område fra 1985 er neste trinn i vurderingen av kvaliteten av resultatene. I Vedlegg 3 «Reanalyser Rana 1985/1992» er resultatene for analysene av 23 prøver innsamlet i 1985 presentert. En «R» i forkant av variabelnavnet indikerer at resultatet er oppnådd ved reanalyse i 1992; tilsvarende resultater fra 1985 er gitt lengre ut i tabellen. Under datadelen er det gitt regresjonsparametre for lineær regresjon der den gamle verdien er den avhengige variable. Regresjonsparametrene er benyttet for å regne om resultatene av de 70 1992-prøvene til 1985-nivå. Nivået fra 1985 er valgt som «sant» nivå fordi resultatene fra den gang er rapportert tidligere og utgjør den langt største delen av det samlede datasettet. Denne omregningen er ikke foretatt for dataene som er presentert i vedlegget med feltdoubletter. Vedlegg 4 viser i diagramform opprinnelige og nye analyser av de 23 prøvene for de 26 grunnstoffene som også ble tegnet i feltdoublettdiagrammene.

De fleste grunnstoffene plotter rimelig bra langs regresjonslinjen i diagrammene, de samme grunnstoffene har også høye verdier for Pearson korrelasjonskeffisient. Unntakene er B, Be og Mo. Bor ble utelukket fra 1992-datasettet pga dårlige resultater for feltdoublettene. Reanalysene viser også at B-tallene fra 1992 ikke er gode. Be kan heller ikke inkluderes i det samlede datasettet. For molybden er resultatene av reanalyse katastrofalt dårlige, og Mo inkluderes derfor heller ikke i det samlede datasettet, selv om det kan tegnes kart for 1985- og 1992-datasettene hver for seg.

Den endelige tabellen over prøvenummer, koordinater og analysetall for alle 1985-prøvene og 1992-prøvene omregnet til 1985's analysenivå er gjengitt i tabell i Vedlegg 5. De variablene som det ikke har vært mulig å etablere felles nivå for, er utelatt av denne tabellen. Som Vedlegg 6 følger prøvenummerkart for de 70 lokalitetene fra 1992 i målestokk 1:250000. Som bakgrunnskart er brukt hydrografi og riksgrense fra Statens Kartverk (SK), samme målestokk. Siden lokalitetene er koordinatfestet fra kart i målestokk 1:50000, stemmer ikke alltid omrissene av innsjøer helt med lokalitetens plassering. Dette er ikke en feil ved koordinatfestning av lokalitetene, men skyldes den lavere oppløselighet i hydrografi-konturene fra SK. På samme kart er det tegnet et prøvepunkt-kart for det samlede datasettet i denne rapporten, der prøvestedene fra 1992 er merket med andre symbol enn 1985-lokalitetene.

Vedlegg 7 inneholder kartene for Al, Ca, Fe, K, Mg, Mn, Na, P, Ti, Ba, Be, Ce, Co, Cr, Cu, La, Li, Mo, Ni, Pb, Sc, Sr, V, Zn og Zr. Som nevnt er alle resultatene regnet om til 1985-nivå, og det er disse tallene som er brukt ved klasseinndelingen. For Be og Mo er det avvikende prosedyre, ettersom det ikke lot seg gjøre å regne om resultatene fra 1992 til 1985-nivå. Kartene for disse to grunnstoffene inneholder derfor data slik de ble målt ved analysen i 1992, og på oversiktskartene øverst til venstre på siden er resultatene fra de 70 lokalitetene fra 1992 utelatt.

Når det gjelder data som ble rapportert i 1986, er kommentarer til disse utelatt, og leseren er overlatt til seg selv for å se 1992-resultatene i lys av 1985-resultatene ved hjelp av oversiktskartene øverst til venstre på hver side i vedlegget. Det er langt mellom de oppsiktsvekkende resultatene i materialet fra 1992.

Tabell 1 gir en summarisk oversikt over minimums-, maksimums- og gjennomsnittsverdier for datasettet fra 1992 (før omregning). Det går fram av tabellen at alle data er svært uinteressante sett fra ressursletingssynspunkt

Tabell 1

Enkel statistisk oversikt over analysedata fra 70 prøver av bekkesedimenter i Rana.

| | min | max | median | snitt |
|-------|-------|-------|--------|--------|
| %Al | 0.24 | 3.65 | 1.04 | 1.109 |
| %Ca | 0.1 | 1.02 | 0.265 | 0.314 |
| %Fe | 0.23 | 5.57 | 1.475 | 1.694 |
| %K | 0.034 | 0.52 | 0.15 | 0.188 |
| %Mg | 0.054 | 2.17 | 0.46 | 0.482 |
| %Mn | 0.004 | 0.078 | 0.03 | 0.030 |
| %Na | 0.012 | 0.045 | 0.017 | 0.020 |
| %P | 0.005 | 0.12 | 0.0715 | 0.067 |
| %Ti | 0.041 | 0.25 | 0.13 | 0.132 |
| ppmAg | 1 | 1 | 1 | 1.000 |
| ppmB | 1 | 5.7 | 1.8 | 1.969 |
| ppmBa | 7.7 | 107.6 | 30.25 | 39.980 |
| ppmBe | 0.5 | 1.2 | 0.8 | 0.766 |
| ppmCd | 2 | 2 | 2 | 2.000 |
| ppmCe | 10.8 | 398.6 | 68.65 | 71.604 |
| ppmCo | 1 | 16.1 | 5.95 | 6.483 |
| ppmCr | 2.1 | 68.1 | 14.8 | 15.977 |
| ppmCu | 0.5 | 57.6 | 16.2 | 20.273 |
| ppmLa | 4.8 | 96.2 | 26.7 | 27.679 |
| ppmLi | 1.3 | 30.2 | 8.75 | 9.037 |
| ppmMo | 2 | 14.7 | 2.75 | 3.856 |
| ppmNi | 2 | 74.7 | 14 | 15.504 |
| ppmPb | 5 | 29.8 | 11.8 | 12.636 |
| ppmSc | 0.8 | 11.4 | 2.5 | 2.754 |
| ppmSr | 6.7 | 66.3 | 19.3 | 21.139 |
| ppmV | 4 | 52.9 | 20.45 | 22.300 |
| ppmZn | 4.2 | 91.4 | 38 | 38.407 |
| ppmZr | 3.7 | 42.5 | 14.3 | 17.017 |

4. KONKLUSJON

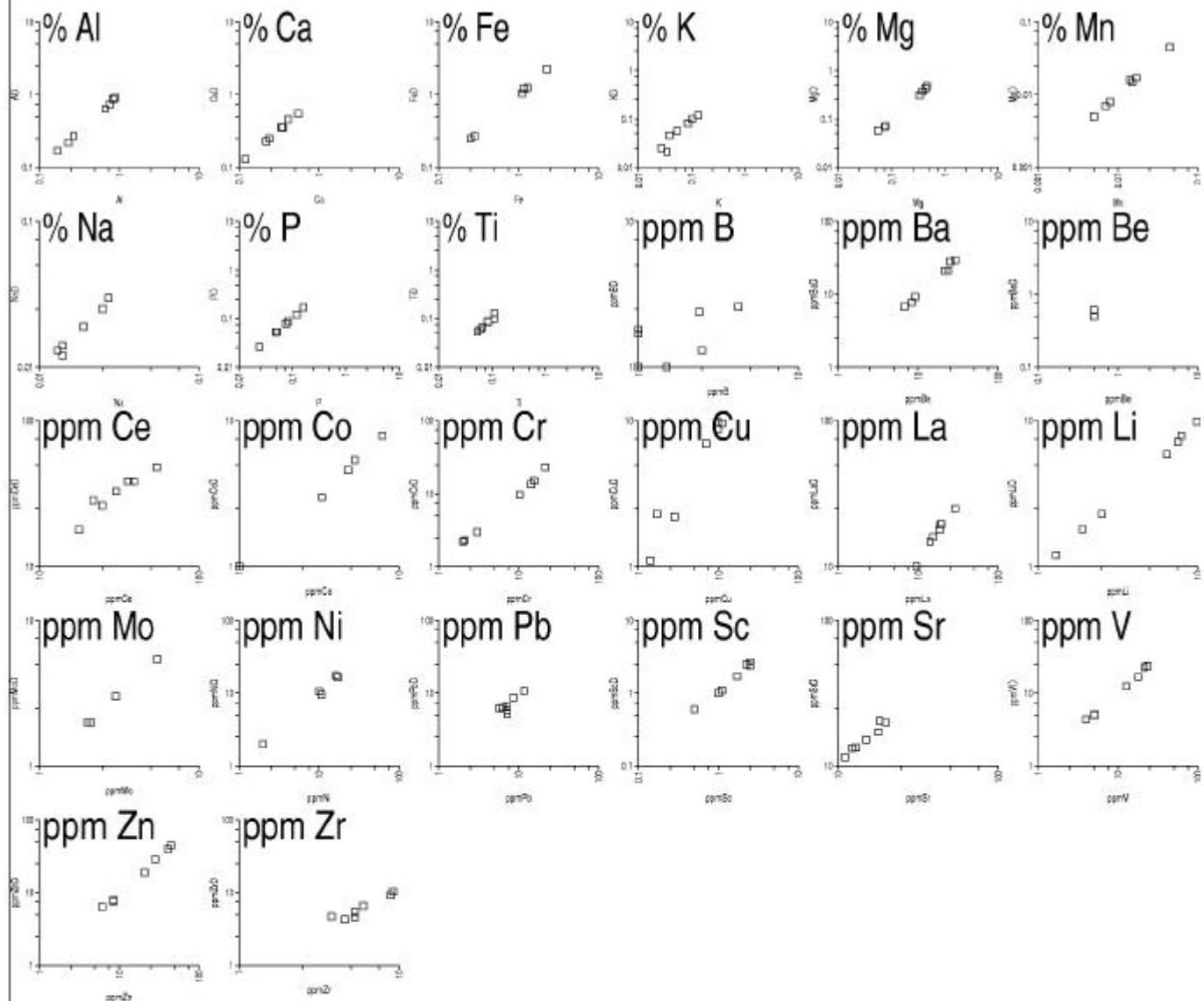
Den foreliggende undersøkelsen gir lite oppløftende resultater mhp ressursleting.

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| Prosjekt | *Lokalitet | FD Random | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Si | %Ti | ppmAg | ppmB | ppmBa | ppmBe | ppmCd | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|----------------------|------------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|---------|-------|-------|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2543 | 5010 | 5442 | 0.170 | 0.120 | 0.250 | 0.038 | 0.056 | 0.005 | 0.013 | 0.024 | 0.013 | 0.053 | 1.0 | 1.0 | 9.1 | 0.5 | 2.0 | 17.8 | 1.0 | 2.0 | 1.7 | 9.4 | 1.3 | 2.0 | 2.0 | 6.3 | 0.5 | 11.0 | 4.0 | 6.1 | 6.0 |
| 2543 | 5010 D | 5409 | 0.170 | 0.130 | 0.250 | 0.046 | 0.058 | 0.005 | 0.013 | 0.026 | 0.011 | 0.054 | 1.0 | 1.8 | 9.2 | 0.5 | 2.0 | 17.9 | 1.0 | 2.2 | 2.3 | 10.0 | 1.2 | 2.0 | 2.0 | 6.4 | 0.6 | 11.5 | 4.4 | 6.4 | 6.6 |
| 2543 | 5020 | 5420 | 0.230 | 0.220 | 0.280 | 0.034 | 0.074 | 0.008 | 0.014 | 0.049 | 0.005 | 0.066 | 1.0 | 1.0 | 6.7 | 0.5 | 2.0 | 24.8 | 1.0 | 3.0 | 2.8 | 15.3 | 1.9 | 2.0 | 2.0 | 7.2 | 1.0 | 12.9 | 5.1 | 8.5 | 4.6 |
| 2543 | 5020 D | 5434 | 0.220 | 0.230 | 0.270 | 0.021 | 0.069 | 0.008 | 0.014 | 0.052 | 0.009 | 0.066 | 1.0 | 1.0 | 6.7 | 0.5 | 2.0 | 26.3 | 1.0 | 3.0 | 2.2 | 15.9 | 1.8 | 2.0 | 2.0 | 5.9 | 1.0 | 13.4 | 5.0 | 7.6 | 4.3 |
| 2543 | 5030 | 5453 | 0.840 | 0.340 | 2.260 | 0.053 | 0.430 | 0.045 | 0.019 | 0.083 | 0.001 | 0.083 | 1.0 | 2.4 | 29.2 | 0.5 | 2.0 | 36.0 | 7.9 | 15.5 | 9.9 | 18.3 | 9.9 | 5.5 | 17.3 | 5.8 | 2.5 | 12.2 | 23.4 | 44.7 | 5.3 |
| 2543 | 5030 D | 5480 | 0.870 | 0.360 | 2.240 | 0.057 | 0.430 | 0.045 | 0.019 | 0.088 | 0.003 | 0.087 | 1.0 | 2.4 | 29.6 | 0.5 | 2.0 | 38.5 | 7.9 | 15.0 | 9.8 | 17.9 | 9.9 | 5.4 | 16.6 | 6.2 | 2.7 | 13.3 | 23.8 | 44.8 | 5.4 |
| 2543 | 5040 | 5411 | 0.890 | 0.410 | 1.160 | 0.085 | 0.460 | 0.014 | 0.027 | 0.076 | 0.005 | 0.110 | 1.0 | 4.2 | 25.2 | 0.5 | 2.0 | 21.7 | 5.3 | 21.5 | 7.0 | 14.1 | 7.9 | 2.1 | 16.3 | 7.2 | 2.2 | 18.1 | 21.4 | 28.3 | 3.8 |
| 2543 | 5040 D | 5499 | 0.920 | 0.460 | 1.200 | 0.081 | 0.480 | 0.016 | 0.030 | 0.079 | 0.004 | 0.130 | 1.0 | 2.6 | 27.8 | 0.6 | 2.0 | 28.5 | 5.4 | 23.2 | 7.0 | 14.8 | 7.9 | 2.0 | 17.4 | 5.2 | 2.5 | 20.5 | 22.9 | 28.7 | 4.7 |
| 2543 | 5050 | 5459 | 0.770 | 0.550 | 1.110 | 0.130 | 0.340 | 0.017 | 0.025 | 0.160 | 0.005 | 0.110 | 1.0 | 1.0 | 23.6 | 0.5 | 2.0 | 54.3 | 3.3 | 14.4 | 11.1 | 29.0 | 6.4 | 2.0 | 10.1 | 8.6 | 2.5 | 17.9 | 17.9 | 20.9 | 5.3 |
| 2543 | 5050 D | 5483 | 0.740 | 0.550 | 1.050 | 0.120 | 0.310 | 0.017 | 0.025 | 0.170 | 0.008 | 0.098 | 1.0 | 1.0 | 21.1 | 0.5 | 2.0 | 47.9 | 3.0 | 13.6 | 9.6 | 25.0 | 5.9 | 2.0 | 10.6 | 8.7 | 2.4 | 17.1 | 16.7 | 19.0 | 4.6 |
| 2543 | 5060 | 5446 | 0.670 | 0.350 | 1.290 | 0.100 | 0.380 | 0.015 | 0.014 | 0.120 | 0.005 | 0.060 | 1.0 | 1.0 | 21.4 | 0.5 | 2.0 | 38.9 | 4.8 | 10.3 | 9.9 | 19.5 | 7.5 | 3.0 | 10.7 | 11.7 | 1.7 | 19.8 | 12.7 | 41.2 | 8.9 |
| 2543 | 5060 D | 5440 | 0.640 | 0.350 | 1.240 | 0.100 | 0.370 | 0.015 | 0.014 | 0.120 | 0.005 | 0.058 | 1.0 | 1.7 | 21.0 | 0.5 | 2.0 | 38.3 | 4.6 | 9.6 | 8.8 | 19.5 | 7.2 | 3.0 | 9.5 | 10.8 | 1.7 | 20.0 | 12.4 | 39.7 | 9.3 |
| 2543 | 5070 | 5439 | 0.270 | 0.240 | 0.280 | 0.027 | 0.077 | 0.007 | 0.014 | 0.052 | 0.009 | 0.083 | 1.0 | 2.5 | 8.3 | 0.5 | 2.0 | 30.2 | 1.0 | 2.1 | 1.4 | 19.0 | 2.5 | 2.0 | 2.0 | 7.1 | 1.1 | 14.9 | 5.1 | 8.5 | 9.2 |
| 2543 | 5070 D | 5447 | 0.270 | 0.250 | 0.270 | 0.025 | 0.072 | 0.007 | 0.012 | 0.053 | 0.009 | 0.084 | 1.0 | 1.3 | 7.8 | 0.5 | 2.0 | 32.9 | 1.0 | 2.3 | 1.1 | 19.5 | 2.3 | 2.0 | 2.0 | 6.7 | 1.1 | 15.2 | 5.1 | 7.9 | 10.4 |
| Stigningstall | | .975 | .975 | 1.008 | 1.019 | .985 | 1.000 | .833 | .956 | 1.037 | .809 | #DIV/0! | 1.227 | .955 | .000 | #DIV/0! | 1.221 | .998 | .963 | 1.089 | 1.280 | .995 | 1.022 | .986 | .911 | .940 | .937 | .971 | .999 | .828 | |
| Pearson korrelasjon | | .997 | .993 | .999 | .982 | .997 | .998 | .988 | .999 | .818 | .936 | #DIV/0! | .659 | .988 | #DIV/0! | #DIV/0! | .962 | .999 | .995 | .989 | .984 | .999 | 1.000 | .994 | .901 | .987 | .960 | .995 | .998 | .969 | |
| Gj.snittlig VK (i %) | | .9 | 1.6 | .9 | 5.3 | 1.5 | 1.3 | 1.9 | 1.4 | 12.8 | 2.1 | .0 | 11.8 | 1.6 | 1.8 | .0 | 3.3 | 1.1 | 1.8 | 5.0 | 1.8 | 1.6 | .5 | 1.5 | 4.0 | 2.4 | 1.7 | 1.4 | 1.8 | 3.1 | |
| VK | | 5010 | 0.00 | -0.06 | 0.00 | -0.13 | -0.02 | 0.00 | 0.00 | -0.06 | 0.12 | -0.01 | 0.00 | -0.40 | -0.01 | 0.00 | 0.00 | 0.00 | -0.07 | -0.21 | -0.04 | 0.06 | 0.00 | 0.00 | -0.01 | -0.13 | -0.03 | -0.07 | -0.03 | -0.07 | |
| VK | | 5020 | 0.03 | -0.03 | 0.03 | 0.33 | 0.05 | 0.00 | 0.00 | -0.04 | -0.40 | 0.00 | 0.00 | 0.28 | 0.00 | 0.00 | 0.00 | -0.04 | 0.00 | 0.00 | 0.17 | -0.03 | 0.04 | 0.00 | 0.00 | 0.14 | 0.00 | -0.03 | 0.01 | 0.08 | 0.05 |
| VK | | 5030 | -0.02 | -0.04 | 0.01 | -0.05 | 0.00 | 0.00 | 0.00 | -0.04 | -0.71 | -0.03 | 0.00 | 0.00 | -0.01 | 0.00 | 0.00 | -0.05 | 0.00 | 0.02 | 0.01 | 0.02 | 0.00 | 0.01 | 0.03 | -0.05 | -0.05 | -0.06 | -0.01 | 0.00 | -0.01 |
| VK | | 5040 | -0.02 | -0.08 | -0.02 | 0.03 | -0.03 | -0.09 | -0.07 | -0.03 | 0.16 | -0.12 | 0.00 | 0.33 | -0.07 | -0.13 | 0.00 | -0.19 | -0.01 | -0.05 | 0.00 | -0.03 | 0.00 | 0.03 | -0.05 | 0.23 | -0.09 | -0.09 | -0.05 | -0.01 | -0.15 |
| VK | | 5050 | 0.03 | 0.00 | 0.04 | 0.06 | 0.07 | 0.00 | 0.00 | -0.04 | -0.33 | 0.08 | 0.00 | 0.00 | 0.08 | 0.00 | 0.00 | 0.09 | 0.07 | 0.04 | 0.10 | 0.06 | 0.00 | -0.03 | -0.01 | 0.03 | 0.03 | 0.05 | 0.07 | 0.10 | |
| VK | | 5060 | 0.03 | 0.00 | 0.03 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | -0.37 | 0.01 | 0.00 | 0.00 | 0.01 | 0.03 | 0.05 | 0.08 | 0.00 | 0.03 | 0.00 | 0.08 | 0.00 | 0.06 | 0.00 | -0.01 | 0.02 | 0.03 | -0.03 |
| VK | | 5070 | 0.00 | -0.03 | 0.03 | 0.05 | 0.05 | 0.00 | 0.11 | -0.01 | 0.00 | -0.01 | 0.00 | 0.45 | 0.04 | 0.00 | 0.00 | -0.06 | 0.00 | -0.17 | -0.02 | 0.06 | 0.00 | 0.00 | 0.04 | 0.00 | -0.01 | 0.00 | 0.05 | -0.09 | |
| VK kvadrat | | 5010 | .000 | .003 | .000 | .018 | .001 | .000 | .000 | .003 | .014 | .000 | .000 | .163 | .000 | .000 | .000 | .000 | .005 | .045 | .002 | .003 | .000 | .000 | .000 | .017 | .001 | .005 | .001 | .005 | |
| VK kvadrat | | 5020 | .001 | .001 | .001 | .112 | .002 | .000 | .000 | .002 | .163 | .000 | .000 | .080 | .000 | .000 | .000 | .002 | .000 | .029 | .001 | .001 | .000 | .000 | .020 | .000 | .001 | .000 | .006 | .002 | |
| VK kvadrat | | 5030 | .001 | .002 | .000 | .003 | .000 | .000 | .000 | .002 | .500 | .001 | .000 | .000 | .000 | .000 | .000 | .002 | .000 | .001 | .000 | .000 | .000 | .001 | .002 | .003 | .004 | .000 | .000 | | |
| VK kvadrat | | 5040 | .001 | .007 | .001 | .001 | .009 | .006 | .001 | .025 | .014 | .000 | .111 | .005 | .017 | .000 | .037 | .000 | .003 | .000 | .001 | .000 | .001 | .002 | .052 | .008 | .008 | .002 | .000 | .022 | |
| VK kvadrat | | 5050 | .001 | .000 | .002 | .003 | .004 | .000 | .000 | .002 | .107 | .007 | .000 | .000 | .006 | .000 | .000 | .008 | .005 | .002 | .011 | .011 | .003 | .000 | .001 | .001 | .002 | .005 | .010 | | |
| VK kvadrat | | 5060 | .001 | .000 | .001 | .000 | .000 | .000 | .001 | .000 | .134 | .000 | .000 | .000 | .000 | .001 | .000 | .002 | .007 | .000 | .001 | .000 | .007 | .003 | .000 | .000 | .000 | .001 | .001 | | |
| VK kvadrat | | 5070 | .000 | .001 | .001 | .003 | .002 | .000 | .012 | .000 | .000 | .000 | .199 | .002 | .000 | .004 | .000 | .004 | .029 | .000 | .003 | .000 | .000 | .002 | .000 | .000 | .000 | .000 | .003 | .007 | |

Rana 1992 Feltdubleller Bekkesediment

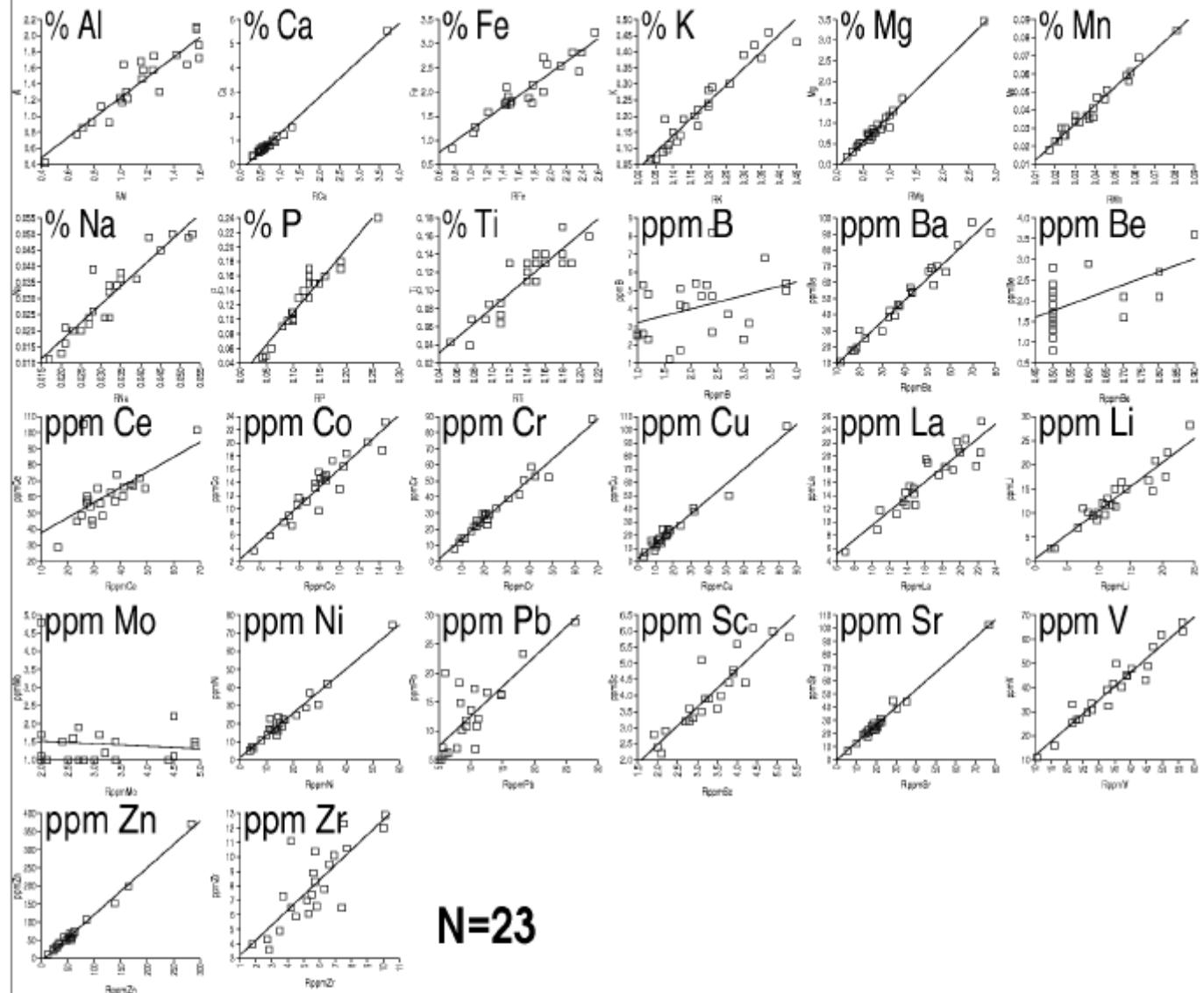


| :Prosj | *Lok | mE33 | mN33 | UTM | Random | R%Al | R%Ca | R%Fe | R%K | R%Mg | R%Mn | R%Na | R%P | R%Si | R%Ti | RppmAg | RppmB | RppmBa | RppmBe | RppmCd | RppmCe | RppmCo |
|----------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|----------|----------|----------|--------|----------|----------|--------|--------|--------|--------|
| 2251 | 105 | 467150 | 7356140 | 33 | 5464 | .430 | .470 | .770 | .052 | .190 | .022 | .017 | .110 | .008 | .075 | 1.0 | 1.8 | 11.9 | .5 | 2.0 | 33.1 | 1.4 |
| 2251 | 106 | 482240 | 7354010 | 33 | 5495 | .670 | .310 | 1.060 | .071 | .380 | .025 | .042 | .043 | .005 | .053 | 1.0 | 2.1 | 17.7 | .5 | 2.0 | 16.2 | 7.9 |
| 2251 | 108 | 485280 | 7354050 | 33 | 5431 | .710 | 3.700 | 1.220 | .077 | 2.780 | .024 | .025 | .190 | .006 | .077 | 1.0 | 2.4 | 20.0 | .5 | 2.0 | 25.8 | 5.2 |
| 2251 | 109 | 480720 | 7355850 | 33 | 5472 | 1.170 | .570 | 1.430 | .200 | .620 | .046 | .035 | .110 | .004 | .110 | 1.0 | 1.8 | 43.2 | .5 | 2.0 | 25.1 | 14.3 |
| 2251 | 110 | 478790 | 7355790 | 33 | 5412 | 1.240 | .820 | 1.500 | .260 | .730 | .030 | .032 | .190 | .003 | .110 | 1.0 | 3.8 | 52.7 | .5 | 2.0 | 27.0 | 4.9 |
| 2251 | 235 | 443850 | 7318950 | 33 | 5428 | 1.040 | 1.310 | 1.780 | .099 | 1.070 | .081 | .034 | .130 | .003 | .160 | 1.0 | 2.3 | 37.8 | .5 | 2.0 | 31.3 | 8.6 |
| 2251 | 236 | 442120 | 7314340 | 33 | 5482 | 1.590 | .590 | 2.130 | .200 | 1.000 | .039 | .031 | .100 | .004 | .180 | 1.0 | 1.0 | 43.3 | .6 | 2.0 | 41.2 | 8.6 |
| 2251 | 237 | 454530 | 7308290 | 33 | 5497 | 1.590 | .460 | 2.360 | .450 | 1.000 | .037 | .032 | .098 | .001 | .180 | 1.0 | 1.8 | 77.8 | .8 | 2.0 | 37.8 | 10.4 |
| 2251 | 238 | 454160 | 7305950 | 33 | 5432 | 1.250 | .630 | 1.960 | .200 | .780 | .058 | .045 | .100 | .002 | .150 | 1.0 | 1.1 | 50.5 | .5 | 2.0 | 32.2 | 10.7 |
| 2251 | 239 | 450190 | 7307780 | 33 | 5430 | 1.570 | .670 | 2.560 | .300 | .930 | .056 | .048 | .130 | .001 | .180 | 1.0 | 1.2 | 63.3 | .6 | 2.0 | 68.7 | 14.6 |
| 2251 | 240 | 447430 | 7307720 | 33 | 5427 | 1.160 | .750 | 1.450 | .170 | .880 | .036 | .052 | .090 | .003 | .190 | 1.0 | 1.6 | 33.5 | .5 | 2.0 | 23.4 | 8.1 |
| 2251 | 425 | 462300 | 7324030 | 33 | 5457 | .990 | .600 | 1.450 | .370 | .610 | .022 | .027 | .160 | .003 | .097 | 1.0 | 1.0 | 51.8 | .5 | 2.0 | 40.9 | 5.7 |
| 2251 | 426 | 445930 | 7327790 | 33 | 5403 | 1.050 | .680 | 1.730 | .120 | .670 | .057 | .023 | .140 | .003 | .140 | 1.0 | 3.4 | 35.5 | .5 | 2.0 | 36.2 | 6.7 |
| 2251 | 427 | 447780 | 7335190 | 33 | 5401 | 1.150 | .610 | 1.910 | .210 | .680 | .030 | .032 | .120 | .003 | .150 | 1.0 | 3.8 | 69.6 | .5 | 2.0 | 27.2 | 7.9 |
| 2251 | 428 | 450190 | 7338070 | 33 | 5486 | 1.500 | .810 | 1.910 | .350 | .840 | .032 | .021 | .150 | .003 | .210 | 1.0 | 1.2 | 58.2 | .5 | 2.0 | 46.9 | 8.4 |
| 2251 | 429 | 452400 | 7338810 | 33 | 5498 | 1.570 | .880 | 2.280 | .330 | 1.240 | .045 | .027 | .190 | .001 | .160 | 1.0 | 1.9 | 54.2 | .8 | 2.0 | 43.7 | 12.8 |
| 2251 | 430 | 453490 | 7339450 | 33 | 5422 | 1.020 | .930 | 1.450 | .130 | .580 | .023 | .028 | .260 | .028 | .120 | 1.0 | 3.1 | 42.5 | .5 | 2.0 | 27.5 | 7.6 |
| 2251 | 630 | 426080 | 7296820 | 33 | 5490 | 1.010 | .330 | 1.510 | .110 | .430 | .020 | .021 | .059 | .016 | .150 | 1.0 | 3.0 | 22.8 | .5 | 2.0 | 29.3 | 7.6 |
| 2251 | 631 | 425720 | 7295750 | 33 | 5493 | .850 | .310 | 1.470 | .088 | .390 | .062 | .020 | .048 | .004 | .140 | 1.0 | 2.7 | 32.9 | .7 | 2.0 | 29.2 | 5.9 |
| 2251 | 632 | 423490 | 7313350 | 33 | 5415 | 1.420 | 1.100 | 2.390 | .160 | .700 | .041 | .053 | .130 | .003 | .140 | 1.0 | 2.4 | 36.9 | .9 | 2.0 | 38.5 | 9.3 |
| 2251 | 633 | 424220 | 7320470 | 33 | 5487 | .910 | .510 | 1.040 | .083 | .300 | .017 | .039 | .080 | .006 | .093 | 1.0 | 2.2 | 19.0 | .5 | 2.0 | 44.7 | 3.0 |
| 2251 | 634 | 436320 | 7305300 | 33 | 5444 | .780 | .500 | 1.060 | .038 | .480 | .025 | .028 | .130 | .005 | .110 | 1.0 | 1.1 | 16.8 | .5 | 2.0 | 28.5 | 4.4 |
| 2251 | 635 | 436010 | 7305490 | 33 | 5449 | 1.290 | .530 | 1.770 | .170 | .630 | .039 | .035 | .100 | .002 | .150 | 1.0 | 2.4 | 30.1 | .7 | 2.0 | 49.2 | 10.0 |
| Skjæring | | -0.01518 | -0.2432 | 0.037718 | 0.034995 | -0.08684 | 0.002124 | -0.00563 | 0.021724 | 0.004212 | -0.00186 | 1 | 2.485146 | -4.21252 | 0.185185 | 2 | 28.44246 | 2.343455 | | | | |
| Stigning | | 1.248815 | 1.521504 | 1.177075 | 1.043915 | 1.258366 | 1.010563 | 1.12779 | 0.875558 | 0.069398 | 0.821977 | 0 | 0.746266 | 1.330139 | 3.148148 | 0 | 0.940547 | 1.368481 | | | | |
| Pearson | | .925 | .995 | .943 | .961 | .990 | .986 | .934 | .958 | .129 | .908 | .000 | .379 | .982 | .556 | .000 | .616 | .943 | | | | |

| :Proj | *Lok | RppmCr | RppmCu | RppmLa | RppmLi | RppmMo | RppmNi | RppmPb | RppmSc | RppmSr | RppmV | RppmZn | RppmZr | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Si |
|-------|------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2251 | 105 | 7.0 | 3.5 | 14.9 | 3.0 | 2.0 | 3.7 | 5.0 | 2.1 | 19.8 | 10.5 | 11.8 | 7.4 | 0.420 | 0.490 | 0.830 | 0.065 | 0.190 | 0.023 | 0.011 | 0.130 | 0.005 |
| 2251 | 106 | 10.2 | 51.6 | 7.0 | 2.4 | 3.2 | 4.9 | 10.6 | 3.9 | 5.6 | 26.3 | 47.0 | 2.8 | 0.770 | 0.370 | 1.270 | 0.088 | 0.420 | 0.026 | 0.049 | 0.047 | 0.001 |
| 2251 | 108 | 16.6 | 8.6 | 13.9 | 7.5 | 2.0 | 11.3 | 6.0 | 3.5 | 30.4 | 21.7 | 33.0 | 4.2 | 0.850 | 5.540 | 1.580 | 0.190 | 3.460 | 0.026 | 0.020 | 0.170 | 0.006 |
| 2251 | 109 | 21.9 | 24.3 | 10.9 | 9.8 | 2.5 | 12.7 | 10.7 | 4.0 | 13.3 | 34.5 | 138.2 | 4.2 | 1.570 | 0.730 | 1.760 | 0.240 | 0.690 | 0.051 | 0.038 | 0.130 | 0.006 |
| 2251 | 110 | 30.6 | 10.8 | 14.3 | 12.0 | 2.8 | 15.8 | 5.4 | 4.4 | 18.6 | 38.9 | 52.3 | 5.2 | 1.570 | 0.990 | 1.750 | 0.300 | 0.760 | 0.034 | 0.034 | 0.180 | 0.003 |
| 2251 | 235 | 17.8 | 10.9 | 14.8 | 9.1 | 2.6 | 11.8 | 8.6 | 3.1 | 19.4 | 32.6 | 63.1 | 4.5 | 1.300 | 1.540 | 2.140 | 0.150 | 1.290 | 0.084 | 0.034 | 0.130 | 0.009 |
| 2251 | 236 | 25.2 | 17.2 | 20.6 | 14.3 | 3.1 | 16.1 | 10.9 | 3.6 | 20.8 | 38.7 | 50.6 | 10.1 | 1.880 | 0.620 | 2.540 | 0.230 | 1.180 | 0.041 | 0.024 | 0.098 | 0.001 |
| 2251 | 237 | 48.4 | 12.2 | 18.3 | 20.5 | 4.5 | 29.5 | 11.2 | 3.3 | 13.4 | 44.6 | 57.3 | 10.0 | 1.720 | 0.530 | 2.420 | 0.430 | 0.890 | 0.035 | 0.024 | 0.110 | 0.012 |
| 2251 | 238 | 40.6 | 17.1 | 13.8 | 12.5 | 3.4 | 26.2 | 10.0 | 3.8 | 16.1 | 47.0 | 54.9 | 6.3 | 1.750 | 0.710 | 2.570 | 0.280 | 0.960 | 0.061 | 0.045 | 0.100 | 0.001 |
| 2251 | 239 | 37.4 | 84.3 | 22.4 | 24.3 | 4.9 | 32.8 | 26.4 | 4.9 | 15.4 | 56.2 | 283.5 | 5.7 | 2.110 | 0.800 | 3.230 | 0.390 | 1.130 | 0.059 | 0.050 | 0.150 | 0.002 |
| 2251 | 240 | 42.4 | 31.5 | 10.6 | 6.7 | 2.0 | 24.9 | 14.8 | 4.2 | 15.6 | 37.2 | 58.7 | 2.7 | 1.460 | 0.780 | 1.800 | 0.220 | 0.960 | 0.037 | 0.049 | 0.098 | 0.010 |
| 2251 | 425 | 20.1 | 18.3 | 17.6 | 11.1 | 2.7 | 16.9 | 5.9 | 2.7 | 10.2 | 27.7 | 28.9 | 6.9 | 1.220 | 0.640 | 1.720 | 0.460 | 0.720 | 0.023 | 0.022 | 0.160 | 0.003 |
| 2251 | 426 | 21.5 | 11.0 | 20.0 | 12.6 | 3.4 | 14.3 | 7.8 | 2.8 | 22.0 | 27.9 | 51.3 | 5.6 | 1.220 | 0.760 | 1.870 | 0.140 | 0.660 | 0.056 | 0.020 | 0.150 | 0.004 |
| 2251 | 427 | 20.6 | 16.9 | 14.7 | 13.6 | 4.5 | 14.4 | 5.6 | 3.9 | 14.4 | 49.6 | 42.8 | 7.5 | 1.680 | 0.680 | 2.710 | 0.290 | 0.850 | 0.037 | 0.032 | 0.140 | 0.004 |
| 2251 | 428 | 35.5 | 16.5 | 19.6 | 17.8 | 3.0 | 21.3 | 9.3 | 3.2 | 21.7 | 45.5 | 56.0 | 5.3 | 1.640 | 0.930 | 2.000 | 0.380 | 0.850 | 0.033 | 0.021 | 0.150 | 0.003 |
| 2251 | 429 | 67.4 | 31.9 | 19.2 | 18.9 | 4.4 | 57.5 | 18.2 | 5.3 | 18.5 | 56.4 | 164.1 | 3.5 | 2.080 | 0.910 | 2.820 | 0.420 | 1.590 | 0.046 | 0.024 | 0.180 | 0.002 |
| 2251 | 430 | 19.2 | 15.8 | 16.1 | 8.3 | 2.7 | 13.6 | 8.2 | 3.1 | 28.3 | 35.4 | 34.6 | 1.8 | 1.640 | 1.170 | 2.100 | 0.190 | 0.760 | 0.030 | 0.039 | 0.240 | 0.007 |
| 2251 | 630 | 16.5 | 12.6 | 16.3 | 11.4 | 2.0 | 14.8 | 8.4 | 2.2 | 18.6 | 23.7 | 27.7 | 7.7 | 1.170 | 0.370 | 1.810 | 0.120 | 0.510 | 0.023 | 0.016 | 0.060 | 0.004 |
| 2251 | 631 | 14.2 | 7.7 | 13.5 | 10.6 | 2.1 | 10.1 | 9.2 | 2.0 | 16.2 | 22.9 | 22.3 | 6.6 | 1.120 | 0.340 | 1.900 | 0.110 | 0.460 | 0.069 | 0.013 | 0.049 | 0.010 |
| 2251 | 632 | 15.6 | 14.1 | 19.8 | 20.8 | 4.9 | 10.8 | 12.6 | 2.9 | 76.6 | 40.2 | 84.9 | 5.7 | 1.760 | 1.220 | 2.810 | 0.200 | 0.780 | 0.047 | 0.050 | 0.170 | 0.002 |
| 2251 | 633 | 11.3 | 9.6 | 22.3 | 9.7 | 2.0 | 8.0 | 5.0 | 2.1 | 35.2 | 16.0 | 22.9 | 5.5 | 0.920 | 0.560 | 1.140 | 0.097 | 0.310 | 0.018 | 0.036 | 0.090 | 0.005 |
| 2251 | 634 | 8.8 | 3.9 | 12.8 | 10.9 | 2.0 | 4.4 | 6.4 | 1.9 | 17.6 | 21.6 | 28.3 | 3.7 | 0.920 | 0.650 | 1.280 | 0.069 | 0.530 | 0.030 | 0.026 | 0.160 | 0.002 |
| 2251 | 635 | 21.2 | 13.5 | 21.8 | 18.4 | 2.4 | 13.9 | 14.8 | 2.8 | 22.8 | 32.9 | 55.6 | 5.8 | 1.300 | 0.570 | 1.770 | 0.170 | 0.590 | 0.036 | 0.036 | 0.110 | 0.003 |

| :Prosj | *Lok | %Ti | ppmAg | ppmB | ppmBa | ppmBe | ppmCd | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 105 | 0.039 | 1.3 | 5.1 | 10.6 | 0.8 | 1.0 | 48.2 | 3.6 | 7.9 | 3.7 | 12.6 | 2.7 | 1.1 | 5.2 | 5.0 | 2.2 | 22.8 | 11.1 | 11.2 | 6.5 |
| 2251 | 106 | 0.043 | 1.1 | 5.4 | 17.4 | 1.1 | 1.2 | 28.7 | 9.7 | 14.3 | 50.0 | 5.5 | 2.7 | 1.2 | 6.5 | 17.3 | 4.7 | 7.0 | 29.7 | 49.2 | 3.6 |
| 2251 | 108 | 0.068 | 5.2 | 8.2 | 30.4 | 2.2 | 4.0 | 105.5 | 7.5 | 25.2 | 12.8 | 12.6 | 11.0 | 4.8 | 22.8 | 20.0 | 3.6 | 39.1 | 33.0 | 39.6 | 11.1 |
| 2251 | 109 | 0.086 | 0.9 | 4.2 | 53.6 | 1.5 | 1.0 | 48.5 | 18.9 | 29.1 | 27.3 | 11.8 | 10.1 | 1.0 | 16.4 | 6.9 | 5.6 | 19.3 | 41.6 | 152.5 | 6.5 |
| 2251 | 110 | 0.064 | 1.1 | 5.4 | 58.5 | 1.3 | 1.0 | 56.7 | 8.9 | 38.9 | 11.3 | 15.4 | 11.7 | 1.0 | 18.5 | 5.0 | 6.1 | 27.7 | 44.6 | 57.0 | 7.0 |
| 2251 | 235 | 0.130 | 2.3 | 5.3 | 45.5 | 2.4 | 1.0 | 65.5 | 14.3 | 23.9 | 13.9 | 14.2 | 9.4 | 1.6 | 16.5 | 10.1 | 3.5 | 24.6 | 39.0 | 74.1 | 5.9 |
| 2251 | 236 | 0.140 | 2.0 | 2.5 | 54.1 | 2.9 | 1.0 | 66.5 | 15.1 | 33.0 | 21.3 | 22.6 | 15.0 | 1.7 | 22.4 | 10.9 | 4.0 | 24.9 | 45.1 | 58.6 | 12.9 |
| 2251 | 237 | 0.130 | 1.3 | 1.7 | 91.2 | 2.1 | 1.0 | 57.4 | 16.4 | 52.2 | 17.5 | 18.3 | 17.6 | 1.1 | 30.6 | 12.1 | 3.9 | 19.3 | 43.1 | 56.6 | 12.0 |
| 2251 | 238 | 0.130 | 1.5 | 2.6 | 66.9 | 2.4 | 1.2 | 56.1 | 18.4 | 58.7 | 23.4 | 14.5 | 15.0 | 1.0 | 37.1 | 13.6 | 4.4 | 21.0 | 56.9 | 69.0 | 7.8 |
| 2251 | 239 | 0.170 | 1.6 | 2.3 | 83.1 | 2.9 | 1.0 | 101.5 | 23.2 | 50.5 | 102.5 | 25.3 | 28.2 | 1.4 | 41.9 | 28.8 | 6.0 | 21.2 | 67.0 | 371.2 | 10.4 |
| 2251 | 240 | 0.130 | 1.7 | 1.2 | 42.5 | 1.6 | 1.0 | 44.8 | 14.5 | 53.0 | 40.5 | 8.8 | 7.0 | 1.1 | 28.8 | 16.2 | 4.4 | 17.8 | 40.3 | 66.6 | 4.3 |
| 2251 | 425 | 0.085 | 1.7 | 2.6 | 68.9 | 1.9 | 1.0 | 60.6 | 10.6 | 28.8 | 23.5 | 17.1 | 11.7 | 1.9 | 22.3 | 6.0 | 3.2 | 12.8 | 33.4 | 33.0 | 10.1 |
| 2251 | 426 | 0.110 | 1.2 | 6.8 | 39.2 | 1.7 | 1.0 | 62.7 | 11.1 | 25.9 | 15.8 | 20.6 | 11.4 | 1.5 | 15.9 | 7.0 | 3.6 | 31.5 | 30.7 | 52.8 | 8.9 |
| 2251 | 427 | 0.140 | 1.9 | 5.0 | 97.4 | 2.8 | 1.0 | 60.4 | 15.6 | 30.2 | 24.4 | 15.1 | 16.4 | 2.2 | 23.6 | 7.1 | 4.8 | 19.9 | 61.9 | 58.2 | 12.3 |
| 2251 | 428 | 0.160 | 1.9 | 4.8 | 66.5 | 2.1 | 1.0 | 71.8 | 14.8 | 41.5 | 20.0 | 22.2 | 16.7 | 1.0 | 24.7 | 10.8 | 3.9 | 28.5 | 48.8 | 56.9 | 6.1 |
| 2251 | 429 | 0.140 | 1.8 | 4.1 | 70.4 | 2.7 | 1.0 | 67.6 | 20.1 | 88.6 | 37.8 | 17.9 | 20.9 | 1.0 | 74.4 | 23.3 | 5.8 | 22.2 | 63.2 | 198.9 | 4.9 |
| 2251 | 430 | 0.130 | 1.2 | 3.2 | 56.5 | 1.7 | 1.0 | 58.6 | 13.9 | 29.7 | 19.2 | 19.5 | 10.2 | 1.0 | 18.2 | 18.3 | 5.1 | 45.1 | 49.9 | 43.1 | 4.0 |
| 2251 | 630 | 0.130 | 0.9 | 2.3 | 25.2 | 1.6 | 1.0 | 42.9 | 13.2 | 22.0 | 15.9 | 19.0 | 13.1 | 1.0 | 20.2 | 14.8 | 2.9 | 25.5 | 26.8 | 30.7 | 10.6 |
| 2251 | 631 | 0.130 | 1.3 | 3.7 | 38.5 | 1.6 | 1.0 | 45.5 | 11.7 | 18.6 | 15.6 | 13.0 | 12.1 | 1.0 | 13.8 | 11.8 | 2.4 | 22.8 | 26.7 | 26.6 | 9.5 |
| 2251 | 632 | 0.120 | 2.0 | 2.7 | 46.3 | 3.6 | 1.0 | 73.9 | 17.3 | 21.5 | 24.5 | 21.2 | 22.5 | 1.5 | 17.1 | 16.7 | 3.3 | 102.2 | 47.7 | 106.8 | 8.3 |
| 2251 | 633 | 0.068 | 1.5 | 4.7 | 19.4 | 1.1 | 1.0 | 66.9 | 5.9 | 14.0 | 8.4 | 20.5 | 8.5 | 1.0 | 10.7 | 5.0 | 2.2 | 44.1 | 16.0 | 21.1 | 7.4 |
| 2251 | 634 | 0.073 | 1.9 | 5.3 | 17.7 | 1.4 | 1.0 | 54.2 | 8.0 | 11.8 | 6.9 | 11.2 | 9.7 | 1.7 | 7.5 | 6.2 | 2.8 | 25.6 | 25.2 | 30.6 | 7.3 |
| 2251 | 635 | 0.110 | 1.6 | 4.7 | 29.7 | 2.1 | 1.0 | 65.5 | 13.0 | 22.6 | 14.0 | 18.5 | 14.6 | 1.5 | 13.6 | 16.4 | 3.2 | 28.7 | 32.3 | 51.5 | 6.6 |

Rana 1992 Reanalyse 1985/1992 Bekkesediment



Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 1 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 1 | 468264 | 7360068 | 1.290 | 1.190 | 1.600 | 0.120 | 0.820 | 0.042 | 0.033 | 0.260 | 0.018 | 34.6 | 1.4 | 57.8 | 8.7 | 36.3 | 12.6 | 16.8 | 11.9 | 1.0 | 18.1 | 5.0 | 4.9 | 26.5 | 39.3 | 32.3 | 4.0 |
| 2251 | 2 | 469314 | 7359198 | 1.610 | 0.600 | 1.940 | 0.420 | 0.860 | 0.040 | 0.025 | 0.110 | 0.130 | 88.0 | 1.8 | 61.4 | 12.2 | 43.3 | 11.8 | 16.9 | 16.0 | 1.0 | 23.4 | 12.0 | 3.9 | 24.6 | 39.7 | 48.5 | 7.3 |
| 2251 | 3 | 468664 | 7362688 | 1.950 | 1.210 | 2.360 | 0.520 | 1.160 | 0.034 | 0.030 | 0.280 | 0.130 | 116.7 | 2.4 | 106.9 | 13.9 | 64.3 | 34.2 | 38.5 | 18.8 | 1.0 | 41.3 | 10.2 | 8.2 | 23.6 | 56.4 | 47.7 | 10.0 |
| 2251 | 4 | 466794 | 7364448 | 2.480 | 1.010 | 3.010 | 0.710 | 1.480 | 0.040 | 0.036 | 0.220 | 0.190 | 153.6 | 2.6 | 120.7 | 17.8 | 72.1 | 29.8 | 32.6 | 24.6 | 1.0 | 43.0 | 11.2 | 8.2 | 24.6 | 72.4 | 69.4 | 9.6 |
| 2251 | 5 | 466904 | 7368438 | 0.790 | 0.460 | 1.590 | 0.180 | 0.300 | 0.048 | 0.016 | 0.140 | 0.036 | 44.3 | 1.4 | 64.3 | 9.7 | 10.4 | 12.8 | 17.0 | 6.2 | 1.0 | 8.9 | 7.2 | 2.6 | 8.8 | 18.5 | 29.6 | 4.6 |
| 2251 | 6 | 470314 | 7373018 | 1.650 | 0.720 | 2.400 | 0.290 | 0.860 | 0.040 | 0.053 | 0.110 | 0.210 | 75.0 | 2.6 | 66.2 | 19.0 | 44.9 | 26.6 | 15.9 | 15.1 | 1.8 | 19.2 | 20.7 | 6.6 | 10.5 | 68.9 | 111.2 | 5.5 |
| 2251 | 7 | 466104 | 7370948 | 1.330 | 0.740 | 2.020 | 0.330 | 0.590 | 0.036 | 0.040 | 0.180 | 0.150 | 73.3 | 2.1 | 69.2 | 13.4 | 16.5 | 12.2 | 24.4 | 9.4 | 1.0 | 8.9 | 8.7 | 4.6 | 12.9 | 42.2 | 42.5 | 4.3 |
| 2251 | 8 | 465904 | 7373648 | 1.140 | 0.480 | 1.690 | 0.290 | 0.600 | 0.027 | 0.029 | 0.110 | 0.110 | 54.8 | 1.8 | 68.3 | 11.0 | 32.2 | 11.1 | 24.7 | 9.6 | 1.2 | 18.1 | 10.4 | 4.1 | 10.2 | 31.4 | 49.3 | 4.9 |
| 2251 | 9 | 474944 | 7374478 | 1.890 | 0.430 | 2.550 | 0.680 | 0.890 | 0.029 | 0.034 | 0.098 | 0.190 | 131.0 | 2.4 | 99.0 | 16.7 | 38.7 | 22.5 | 41.5 | 16.5 | 1.0 | 19.9 | 25.1 | 4.9 | 7.5 | 55.2 | 78.2 | 7.7 |
| 2251 | 10 | 475084 | 7374268 | 1.040 | 0.320 | 1.630 | 0.360 | 0.490 | 0.020 | 0.020 | 0.091 | 0.110 | 66.0 | 1.6 | 73.7 | 10.2 | 21.7 | 12.6 | 32.8 | 10.4 | 2.1 | 11.6 | 14.2 | 3.3 | 5.4 | 30.7 | 43.7 | 6.6 |
| 2251 | 11 | 470914 | 7371298 | 1.150 | 0.460 | 2.040 | 0.180 | 0.520 | 0.032 | 0.031 | 0.084 | 0.150 | 41.4 | 2.3 | 49.3 | 14.8 | 19.3 | 7.2 | 15.0 | 9.3 | 1.5 | 11.2 | 12.1 | 3.7 | 6.7 | 48.9 | 39.5 | 5.0 |
| 2251 | 12 | 472334 | 7372568 | 1.040 | 0.520 | 1.840 | 0.230 | 0.520 | 0.030 | 0.033 | 0.130 | 0.140 | 49.3 | 2.1 | 59.7 | 15.3 | 17.5 | 10.2 | 21.7 | 8.8 | 2.0 | 10.8 | 7.2 | 3.6 | 7.6 | 42.8 | 41.3 | 4.5 |
| 2251 | 13 | 472914 | 7363978 | 2.360 | 0.880 | 2.620 | 0.660 | 1.450 | 0.031 | 0.035 | 0.180 | 0.160 | 134.0 | 2.3 | 94.2 | 14.0 | 80.8 | 20.7 | 30.6 | 26.2 | 1.0 | 45.1 | 8.3 | 7.2 | 20.9 | 62.7 | 68.2 | 9.4 |
| 2251 | 14 | 484394 | 7366508 | 1.500 | 0.680 | 2.050 | 0.390 | 0.730 | 0.033 | 0.032 | 0.180 | 0.100 | 120.6 | 2.2 | 100.4 | 10.2 | 22.3 | 13.9 | 36.7 | 15.9 | 1.0 | 15.7 | 10.4 | 3.5 | 21.3 | 30.4 | 70.4 | 9.4 |
| 2251 | 15 | 481914 | 7366568 | 0.960 | 0.380 | 1.650 | 0.250 | 0.450 | 0.037 | 0.013 | 0.100 | 0.053 | 50.6 | 1.4 | 59.3 | 9.1 | 15.3 | 10.0 | 14.9 | 10.8 | 1.0 | 9.9 | 7.8 | 2.5 | 7.9 | 22.8 | 55.8 | 6.5 |
| 2251 | 16 | 473504 | 7361818 | 2.350 | 0.860 | 2.440 | 0.650 | 1.360 | 0.027 | 0.033 | 0.190 | 0.150 | 124.5 | 2.3 | 69.3 | 13.6 | 67.6 | 14.1 | 22.6 | 22.9 | 1.0 | 35.8 | 5.0 | 6.8 | 21.3 | 58.4 | 54.4 | 8.0 |
| 2251 | 17 | 473404 | 7359648 | 1.840 | 2.820 | 1.800 | 0.210 | 0.880 | 0.058 | 0.011 | 0.430 | 0.076 | 57.0 | 1.6 | 68.7 | 8.2 | 22.9 | 19.0 | 27.2 | 14.9 | 1.0 | 15.4 | 9.4 | 6.0 | 179.1 | 32.1 | 45.3 | 5.3 |
| 2251 | 18 | 475384 | 7364418 | 0.810 | 1.160 | 1.930 | 0.100 | 0.620 | 0.027 | 0.015 | 0.180 | 0.076 | 80.2 | 2.0 | 66.2 | 9.6 | 14.9 | 9.7 | 20.5 | 10.6 | 1.0 | 11.4 | 15.1 | 2.8 | 48.8 | 17.1 | 77.9 | 8.2 |
| 2251 | 19 | 476154 | 7364778 | 0.490 | 0.440 | 0.970 | 0.076 | 0.200 | 0.020 | 0.009 | 0.110 | 0.050 | 16.5 | 0.8 | 55.3 | 4.4 | 8.4 | 7.5 | 17.9 | 3.7 | 1.0 | 7.0 | 9.4 | 2.1 | 27.0 | 11.3 | 15.9 | 8.9 |
| 2251 | 20 | 479194 | 7362738 | 1.410 | 0.580 | 2.230 | 0.420 | 0.780 | 0.020 | 0.018 | 0.170 | 0.130 | 103.4 | 1.9 | 56.3 | 11.1 | 25.3 | 13.8 | 16.1 | 13.9 | 1.0 | 11.5 | 9.1 | 4.2 | 20.2 | 38.6 | 27.2 | 5.7 |
| 2251 | 21 | 480464 | 7361798 | 1.510 | 1.980 | 4.060 | 0.270 | 0.900 | 0.024 | 0.031 | 0.720 | 0.120 | 77.8 | 4.3 | 85.9 | 10.0 | 26.1 | 12.7 | 25.4 | 11.9 | 1.0 | 12.4 | 10.7 | 4.9 | 57.5 | 41.0 | 36.9 | 6.5 |
| 2251 | 22 | 484434 | 7362288 | 0.830 | 1.390 | 1.610 | 0.069 | 0.660 | 0.018 | 0.019 | 0.120 | 0.073 | 21.6 | 1.5 | 58.9 | 7.1 | 14.6 | 8.6 | 17.4 | 6.1 | 1.0 | 8.4 | 11.6 | 3.4 | 58.5 | 20.5 | 27.4 | 6.9 |
| 2251 | 23 | 480704 | 7370748 | 0.960 | 0.500 | 1.620 | 0.330 | 0.470 | 0.031 | 0.024 | 0.150 | 0.069 | 59.5 | 1.7 | 69.4 | 8.8 | 16.7 | 15.6 | 22.8 | 9.0 | 1.9 | 12.2 | 10.9 | 3.5 | 7.8 | 24.1 | 33.9 | 6.8 |
| 2251 | 24 | 480584 | 7370318 | 2.450 | 1.690 | 4.380 | 0.470 | 1.290 | 0.041 | 0.110 | 0.270 | 0.130 | 303.5 | 4.5 | 128.8 | 17.7 | 24.8 | 22.9 | 48.7 | 27.8 | 1.0 | 26.7 | 31.8 | 4.0 | 97.8 | 33.1 | 216.5 | 8.2 |
| 2251 | 25 | 479254 | 7366978 | 0.850 | 0.530 | 1.510 | 0.230 | 0.400 | 0.033 | 0.018 | 0.190 | 0.068 | 48.4 | 1.7 | 78.3 | 12.2 | 13.5 | 13.4 | 20.1 | 9.3 | 1.0 | 11.7 | 9.8 | 2.9 | 8.6 | 28.4 | 41.6 | 6.7 |
| 2251 | 26 | 474294 | 7366788 | 0.720 | 0.960 | 1.290 | 0.083 | 0.520 | 0.026 | 0.021 | 0.150 | 0.043 | 20.4 | 1.3 | 66.4 | 6.7 | 10.9 | 7.2 | 15.7 | 6.4 | 1.6 | 8.8 | 38.4 | 2.7 | 18.2 | 16.2 | 30.8 | 4.5 |
| 2251 | 27 | 474854 | 7368078 | 1.310 | 0.930 | 2.040 | 0.200 | 0.820 | 0.028 | 0.025 | 0.140 | 0.100 | 48.9 | 2.4 | 86.5 | 12.0 | 20.8 | 14.6 | 30.6 | 17.8 | 1.8 | 13.8 | 10.2 | 3.3 | 31.0 | 23.9 | 57.5 | 7.5 |
| 2251 | 28 | 471084 | 7358948 | 0.880 | 0.570 | 1.260 | 0.150 | 0.410 | 0.042 | 0.019 | 0.120 | 0.074 | 39.5 | 1.4 | 49.5 | 6.7 | 20.0 | 11.2 | 13.7 | 6.4 | 1.3 | 11.3 | 5.0 | 3.5 | 24.7 | 22.7 | 7.0 | |
| 2251 | 29 | 478494 | 7370988 | 1.350 | 0.580 | 1.640 | 0.460 | 0.640 | 0.029 | 0.025 | 0.170 | 0.093 | 99.9 | 1.4 | 101.8 | 10.6 | 15.7 | 16.3 | 33.9 | 14.7 | 1.0 | 12.4 | 23.4 | 3.8 | 13.3 | 21.9 | 39.2 | 8.2 |
| 2251 | 30 | 478204 | 7371148 | 1.150 | 0.500 | 1.450 | 0.400 | 0.570 | 0.028 | 0.028 | 0.140 | 0.073 | 91.9 | 1.5 | 91.2 | 8.9 | 15.0 | 15.7 | 29.9 | 12.6 | 1.0 | 9.7 | 13.3 | 3.4 | 12.4 | 21.8 | 43.2 | 7.0 |
| 2251 | 31 | 476834 | 7368578 | 1.450 | 0.800 | 2.340 | 0.440 | 0.610 | 0.037 | 0.038 | 0.210 | 0.120 | 235.1 | 2.5 | 104.9 | 13.3 | 16.3 | 16.3 | 41.8 | 19.1 | 1.0 | 15.7 | 20.5 | 3.7 | 30.0 | 30.6 | 146.3 | 7.5 |
| 2251 | 32 | 486564 | 7364368 | 1.750 | 0.780 | 2.950 | 0.260 | 0.880 | 0.035 | 0.020 | 0.160 | 0.120 | 45.0 | 2.8 | 91.0 | 15.0 | 26.6 | 18.3 | 28.9 | 20.0 | 1.0 | 23.9 | 7.5 | 4.1 | 34.3 | 36.2 | 65.9 | 10.5 |
| 2251 | 33 | 487184 | 7366998 | 0.740 | 2.960 | 1.810 | 0.200 | 0.970 | 0.055 | 0.015 | 0.240 | 0.026 | 45.9 | 1.5 | 62.0 | 9.7 | 14.8 | 24.6 | 17.1 | 6.7 | 1.0 | 17.4 | 5.8 | 3.3 | 108.4 | 23.3 | 22.8 | 6.1 |
| 2251 | 34 | 489484 | 7367148 | 1.180 | 1.410 | 1.990 | 0.290 | 1.230 | 0.023 | 0.025 | 0.160 | 0.083 | 58.2 | 2.1 | 79.6 | 12.1 | 38.9 | 30.2 | 30.0 | 12.6 | 2.3 | 28.7 | 15.4 | 4.4 | 24.2 | 41.2 | 72.4 | 10.6 |
| 2251 | 35 | 505344 | 7358488 | 0.510 | 0.310 | 0.670 | 0.090 | 0.230 | 0.010 | 0.006 | 0.090 | 0.042 | 18.2 | 0.9 | 48.9 | 4.4 | 7.5 | 6.0 | 11.9 | 4.0 | 1.0 | 5.3 | 6.4 | 1.9 | 21.8 | 11.2 | 17.9 | 7.7 |
| 2251 | 36 | 504924 | 7354888 | 0.660 | 0.410 | 0.970 | 0.078 | 0.250 | 0.017 | 0.008 | 0.110 | 0.047 | 15.5 | 0.7 | 34.8 | 3.8 | 8.4 | 7.6 | 12.9 | 4.4 | 1.0 | 4.6 | 5.0 | 2.2 | 28.5 | 12.8 | 19.0 | 3.8 |
| 2251 | 37 | 505734 | 7354288 | 0.710 | 0.350 | 1.240 | 0.110 | 0.330 | 0.016 | 0.011 | 0.099 | 0.071 | 20.1 | 1.3 | 52.5 | 6.0 | 12.3 | 8.6 | 17.2 | 6.5 | 1.0 | 10.7 | 18.4 | 2.0 | 21.0 | 15.6 | 28.5 | 4.6 |
| 2251 | 38 | 506094 | 7354348 | 0.530 | 0.380 | 0.830 | 0.056 | 0.210 | 0.018 | 0.007 | 0.068 | 0.053 | 12.5 | 0.8 | 28.2 | 4.3 | 7.9 | 4.8 | 8.1 | 3.7 | 1.0 | 5.7 | 5.0 | 2.0 | 25.1 | 11.8 | 20.4 | 3.9 |
| 2251 | 39 | 502484 | 7353528 | 0.710 | 0.430 | 1. | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 2 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 58 | 497724 | 7349928 | 0.660 | 0.460 | 1.120 | 0.092 | 0.300 | 0.020 | 0.016 | 0.120 | 0.072 | 22.6 | 1.0 | 46.2 | 6.3 | 11.8 | 6.6 | 12.4 | 6.4 | 1.0 | 8.4 | 5.0 | 2.0 | 23.8 | 16.4 | 21.3 | 3.7 |
| 2251 | 59 | 508594 | 7350668 | 0.680 | 0.500 | 1.250 | 0.090 | 0.350 | 0.021 | 0.009 | 0.120 | 0.078 | 29.1 | 0.8 | 45.2 | 7.9 | 10.3 | 11.3 | 13.1 | 6.3 | 1.0 | 11.4 | 5.0 | 2.0 | 30.2 | 16.5 | 26.9 | 6.3 |
| 2251 | 60 | 509384 | 7356658 | 1.940 | 1.050 | 3.260 | 0.200 | 1.500 | 0.089 | 0.008 | 0.170 | 0.089 | 54.7 | 3.2 | 96.4 | 16.9 | 38.3 | 28.0 | 31.1 | 17.6 | 1.3 | 39.8 | 13.6 | 3.8 | 34.0 | 35.6 | 76.4 | 16.6 |
| 2251 | 61 | 508824 | 7357868 | 0.480 | 0.310 | 1.000 | 0.085 | 0.220 | 0.038 | 0.007 | 0.088 | 0.037 | 25.3 | 0.9 | 47.3 | 5.7 | 7.2 | 9.1 | 13.4 | 4.7 | 1.0 | 7.7 | 11.1 | 1.8 | 25.5 | 10.2 | 28.8 | 9.6 |
| 2251 | 62 | 509694 | 7359368 | 1.350 | 0.280 | 2.450 | 0.160 | 0.850 | 0.053 | 0.005 | 0.075 | 0.075 | 23.1 | 2.1 | 35.7 | 13.1 | 38.2 | 31.7 | 9.1 | 10.9 | 1.0 | 21.1 | 12.0 | 5.4 | 14.9 | 36.5 | 428.7 | 8.2 |
| 2251 | 63 | 495144 | 7351178 | 0.780 | 0.510 | 1.280 | 0.130 | 0.380 | 0.024 | 0.012 | 0.160 | 0.064 | 30.5 | 1.3 | 55.9 | 10.0 | 14.7 | 20.0 | 17.0 | 7.0 | 1.4 | 14.8 | 6.2 | 2.2 | 19.0 | 18.9 | 41.3 | 5.6 |
| 2251 | 64 | 495134 | 7350208 | 0.550 | 0.470 | 0.830 | 0.065 | 0.200 | 0.019 | 0.018 | 0.120 | 0.055 | 11.1 | 0.7 | 46.5 | 3.2 | 9.6 | 4.2 | 16.5 | 3.3 | 1.0 | 6.3 | 5.0 | 2.3 | 16.8 | 13.2 | 11.6 | 3.7 |
| 2251 | 65 | 493744 | 7351048 | 0.710 | 0.480 | 0.940 | 0.094 | 0.310 | 0.018 | 0.022 | 0.069 | 0.083 | 16.6 | 1.0 | 33.0 | 4.3 | 16.7 | 4.5 | 9.4 | 3.4 | 1.2 | 5.4 | 9.1 | 3.1 | 17.6 | 25.9 | 16.9 | 3.5 |
| 2251 | 66 | 498004 | 7352398 | 1.340 | 0.460 | 2.000 | 0.240 | 0.620 | 0.025 | 0.014 | 0.120 | 0.120 | 42.6 | 2.0 | 89.2 | 14.0 | 20.5 | 17.2 | 39.1 | 10.3 | 1.0 | 15.5 | 16.0 | 2.7 | 25.5 | 26.7 | 48.8 | 8.8 |
| 2251 | 67 | 497994 | 7351848 | 0.910 | 0.480 | 1.410 | 0.130 | 0.440 | 0.020 | 0.012 | 0.130 | 0.082 | 31.5 | 1.3 | 56.9 | 9.0 | 16.6 | 12.2 | 19.1 | 7.0 | 1.0 | 13.8 | 9.1 | 2.2 | 28.1 | 21.1 | 35.4 | 4.4 |
| 2251 | 68 | 497184 | 7371548 | 1.310 | 0.440 | 1.900 | 0.170 | 0.610 | 0.030 | 0.009 | 0.085 | 0.120 | 29.3 | 1.8 | 71.0 | 13.1 | 17.9 | 14.8 | 30.2 | 8.1 | 1.0 | 14.0 | 10.7 | 2.5 | 32.1 | 26.1 | 49.3 | 7.7 |
| 2251 | 69 | 497234 | 7369698 | 1.070 | 0.410 | 1.690 | 0.200 | 0.540 | 0.024 | 0.008 | 0.097 | 0.095 | 31.5 | 2.1 | 80.1 | 12.3 | 16.6 | 13.3 | 27.0 | 7.0 | 2.2 | 15.0 | 12.4 | 2.2 | 21.9 | 24.1 | 48.9 | 7.3 |
| 2251 | 70 | 496734 | 7369498 | 1.200 | 1.440 | 1.730 | 0.160 | 1.090 | 0.025 | 0.012 | 0.180 | 0.082 | 27.8 | 1.6 | 85.7 | 9.9 | 16.4 | 16.7 | 29.2 | 7.6 | 1.0 | 14.9 | 14.9 | 3.2 | 46.3 | 26.7 | 53.6 | 9.4 |
| 2251 | 71 | 497004 | 7366198 | 1.220 | 0.570 | 1.920 | 0.150 | 0.750 | 0.026 | 0.017 | 0.130 | 0.095 | 26.7 | 1.7 | 72.9 | 12.1 | 22.4 | 15.0 | 28.8 | 8.5 | 1.0 | 17.0 | 16.8 | 3.2 | 22.6 | 30.6 | 63.6 | 13.7 |
| 2251 | 72 | 497234 | 7366348 | 0.450 | 0.310 | 0.960 | 0.075 | 0.210 | 0.016 | 0.004 | 0.110 | 0.045 | 14.2 | 1.0 | 51.3 | 4.7 | 6.1 | 8.8 | 18.8 | 3.6 | 1.3 | 7.5 | 5.0 | 1.4 | 19.9 | 10.3 | 20.6 | 8.6 |
| 2251 | 73 | 499184 | 7366948 | 0.750 | 0.410 | 1.190 | 0.091 | 0.350 | 0.025 | 0.007 | 0.110 | 0.053 | 18.2 | 1.2 | 66.9 | 7.8 | 9.0 | 8.8 | 23.6 | 4.7 | 1.0 | 8.9 | 13.8 | 1.6 | 29.8 | 15.7 | 37.2 | 8.1 |
| 2251 | 74 | 500634 | 7366948 | 0.680 | 0.200 | 1.160 | 0.074 | 0.330 | 0.010 | 0.003 | 0.046 | 0.057 | 11.7 | 0.9 | 35.4 | 2.5 | 9.1 | 5.7 | 15.4 | 4.2 | 1.0 | 4.2 | 10.2 | 1.2 | 17.9 | 11.9 | 25.4 | 5.8 |
| 2251 | 75 | 490344 | 7354428 | 1.510 | 1.610 | 2.330 | 0.310 | 0.800 | 0.043 | 0.029 | 0.560 | 0.092 | 65.7 | 1.5 | 95.7 | 16.1 | 49.5 | 28.8 | 31.6 | 9.5 | 1.0 | 28.3 | 5.0 | 6.3 | 37.8 | 58.4 | 46.6 | 6.5 |
| 2251 | 76 | 491754 | 7353888 | 1.290 | 0.600 | 1.870 | 0.310 | 0.690 | 0.034 | 0.015 | 0.170 | 0.083 | 54.2 | 1.6 | 117.1 | 12.0 | 20.6 | 13.3 | 38.1 | 7.6 | 1.0 | 17.5 | 9.1 | 4.3 | 19.0 | 29.5 | 60.3 | 9.8 |
| 2251 | 77 | 488944 | 7356168 | 1.700 | 0.720 | 2.360 | 0.310 | 0.980 | 0.042 | 0.013 | 0.140 | 0.110 | 48.8 | 2.2 | 125.2 | 28.5 | 28.7 | 19.4 | 45.7 | 13.1 | 1.0 | 23.8 | 9.5 | 4.4 | 25.0 | 32.6 | 108.6 | 8.6 |
| 2251 | 78 | 490584 | 7355648 | 0.930 | 0.970 | 1.380 | 0.080 | 0.520 | 0.027 | 0.019 | 0.220 | 0.049 | 17.7 | 1.3 | 55.4 | 6.0 | 16.6 | 12.6 | 16.7 | 6.3 | 1.0 | 13.8 | 5.0 | 3.5 | 37.7 | 20.8 | 38.6 | 5.0 |
| 2251 | 79 | 486124 | 7357968 | 1.800 | 0.780 | 2.390 | 0.190 | 0.850 | 0.040 | 0.026 | 0.190 | 0.097 | 33.5 | 2.6 | 79.5 | 17.2 | 43.8 | 15.2 | 21.8 | 13.3 | 1.2 | 24.7 | 5.0 | 5.7 | 14.9 | 49.1 | 88.2 | 8.7 |
| 2251 | 80 | 484814 | 7359178 | 1.780 | 0.970 | 2.150 | 0.170 | 0.850 | 0.034 | 0.024 | 0.250 | 0.100 | 40.8 | 2.4 | 91.8 | 11.9 | 32.4 | 12.6 | 31.1 | 15.7 | 1.0 | 22.3 | 5.4 | 5.6 | 27.6 | 41.7 | 72.9 | 5.9 |
| 2251 | 81 | 477794 | 7358958 | 2.590 | 1.110 | 3.000 | 0.560 | 1.530 | 0.054 | 0.038 | 0.190 | 0.170 | 108.7 | 2.5 | 88.7 | 17.9 | 70.8 | 21.6 | 28.9 | 24.2 | 1.0 | 40.1 | 10.6 | 7.8 | 35.1 | 66.6 | 115.1 | 9.6 |
| 2251 | 82 | 480914 | 7358038 | 2.010 | 0.660 | 2.300 | 0.460 | 0.970 | 0.028 | 0.024 | 0.100 | 0.130 | 90.8 | 2.5 | 64.6 | 13.5 | 57.7 | 13.7 | 17.3 | 19.1 | 1.2 | 38.9 | 6.6 | 5.1 | 22.9 | 50.5 | 61.6 | 8.1 |
| 2251 | 83 | 483274 | 7357078 | 1.140 | 0.880 | 1.430 | 0.170 | 0.620 | 0.021 | 0.022 | 0.190 | 0.074 | 33.3 | 1.5 | 64.7 | 8.3 | 32.8 | 9.5 | 20.6 | 11.5 | 1.2 | 18.0 | 8.5 | 4.6 | 34.1 | 28.8 | 43.5 | 5.0 |
| 2251 | 84 | 485944 | 7355008 | 1.280 | 1.040 | 2.000 | 0.170 | 0.760 | 0.030 | 0.031 | 0.220 | 0.089 | 39.5 | 2.0 | 74.0 | 12.0 | 34.8 | 25.0 | 24.3 | 11.2 | 1.2 | 22.8 | 9.1 | 4.7 | 35.5 | 40.8 | 61.4 | 6.9 |
| 2251 | 85 | 473684 | 7356068 | 2.320 | 0.690 | 3.060 | 0.670 | 1.590 | 0.081 | 0.032 | 0.110 | 0.160 | 169.9 | 2.8 | 51.3 | 17.3 | 61.8 | 17.7 | 12.8 | 20.4 | 1.0 | 29.1 | 12.1 | 5.3 | 17.5 | 63.7 | 86.3 | 6.5 |
| 2251 | 86 | 467084 | 7349478 | 0.830 | 0.470 | 1.180 | 0.100 | 0.310 | 0.035 | 0.024 | 0.054 | 0.081 | 23.0 | 0.9 | 58.4 | 7.5 | 13.5 | 6.6 | 19.3 | 4.4 | 1.4 | 6.7 | 13.4 | 3.9 | 16.1 | 25.6 | 29.4 | 6.0 |
| 2251 | 87 | 465144 | 7350118 | 0.970 | 0.400 | 1.560 | 0.190 | 0.450 | 0.025 | 0.023 | 0.043 | 0.120 | 35.8 | 1.8 | 34.5 | 8.6 | 13.9 | 11.9 | 5.5 | 5.5 | 2.2 | 5.4 | 7.8 | 3.6 | 11.9 | 38.5 | 30.9 | 5.5 |
| 2251 | 88 | 501934 | 7373898 | 0.610 | 0.370 | 1.290 | 0.120 | 0.270 | 0.029 | 0.012 | 0.140 | 0.046 | 16.0 | 1.9 | 71.2 | 6.6 | 8.5 | 8.5 | 25.3 | 7.1 | 3.2 | 9.8 | 17.9 | 1.9 | 21.5 | 13.2 | 59.0 | 10.0 |
| 2251 | 89 | 504134 | 7372398 | 1.250 | 0.170 | 0.520 | 0.075 | 0.090 | 0.019 | 0.005 | 0.049 | 0.044 | 16.2 | 5.6 | 99.0 | 2.9 | 3.1 | 5.8 | 49.7 | 5.2 | 5.7 | 4.2 | 8.3 | 1.4 | 18.6 | 4.6 | 34.1 | 11.9 |
| 2251 | 90 | 509484 | 7374398 | 0.550 | 0.500 | 0.980 | 0.160 | 0.240 | 0.026 | 0.011 | 0.120 | 0.024 | 24.9 | 0.9 | 62.9 | 5.6 | 3.8 | 6.0 | 23.8 | 5.9 | 2.4 | 2.6 | 15.2 | 1.8 | 49.0 | 11.7 | 35.1 | 9.2 |
| 2251 | 91 | 499584 | 7374098 | 1.030 | 1.850 | 1.680 | 0.130 | 1.560 | 0.026 | 0.012 | 0.110 | 0.064 | 32.4 | 1.5 | 58.6 | 10.2 | 18.9 | 15.8 | 19.5 | 8.0 | 1.0 | 17.7 | 14.7 | 3.2 | 55.0 | 26.7 | 40.4 | 9.4 |
| 2251 | 92 | 501934 | 7372548 | 1.990 | 1.750 | 2.920 | 0.240 | 2.450 | 0.041 | 0.016 | 0.150 | 0.098 | 38.0 | 2.9 | 69.3 | 19.5 | 112.7 | 52.2 | 22.9 | 15.7 | 1.0 | 43.0 | 13.0 | 10.4 | 52.3 | 75.2 | 64.3 | 12.1 |
| 2251 | 93 | 505934 | 7370698 | 0.780 | 0.370 | 1.740 | 0.190 | 0.360 | 0.044 | 0.006 | 0.130 | 0.075 | 29.1 | 3.3 | 94.2 | 8.1 | 7.3 | 13.0 | 32.1 | 9.3 | 7.6 | 13.1 | 17.4 | 1.8 | 24.8 | 14.9 | 63.8 | 18.7 |
| 2251 | 94 | 505134 | 7369898 | 1.000 | 0.780 | 1.850 | 0.140 | 0.670 | 0.036 | 0.016 | 0.230 | 0.066 | 29.5 | 2.0 | 74.8 | 10.9 | 16.1 | 15.6 | 24.3 | 7.9 | 1.0 | 16.3 | 10.4 | 3.3 | 44.0 | 26.6 | 43.5 | 13.7 |
| 2251 | 95 | 507484 | 7369498 | 0.340 | 0.270 | 0.850 | 0.140 | 0.26 | 0.004 | 0.084 | 0.040 | 0.040 | 13.9 | 0.9 | 53.8 | 4.0 | 4.5 | 3.3 | 15.6 | 3.1 | 1.8 | 4.7 | 6.2 | 1.2 | 28.9 | 8.0 | 23.0 | 15.8 |
| 2251 | 96 | 509084 | 7369798 | 0.600 | 0.290 | 1.330 | 0.100 | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 3 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 115 | 478334 | 7349188 | 0.860 | 0.480 | 1.300 | 0.097 | 0.370 | 0.022 | 0.047 | 0.058 | 0.059 | 28.5 | 1.0 | 28.8 | 8.0 | 9.6 | 13.2 | 6.3 | 4.1 | 1.0 | 5.0 | 5.1 | 4.1 | 12.1 | 34.8 | 25.1 | 3.8 |
| 2251 | 116 | 473804 | 7349808 | 1.120 | 0.690 | 1.610 | 0.190 | 0.540 | 0.029 | 0.033 | 0.140 | 0.097 | 43.3 | 1.7 | 47.4 | 9.3 | 11.1 | 17.1 | 10.9 | 7.8 | 1.5 | 8.6 | 9.9 | 4.1 | 17.7 | 35.4 | 50.6 | 4.3 |
| 2251 | 117 | 471894 | 7352068 | 1.020 | 0.610 | 1.470 | 0.120 | 0.510 | 0.033 | 0.044 | 0.086 | 0.075 | 25.8 | 1.4 | 32.9 | 9.6 | 11.8 | 16.5 | 6.4 | 5.8 | 1.0 | 5.9 | 10.3 | 5.5 | 14.0 | 37.3 | 44.2 | 4.1 |
| 2251 | 118 | 470524 | 7353028 | 0.810 | 0.330 | 1.750 | 0.130 | 0.360 | 0.040 | 0.028 | 0.041 | 0.058 | 37.8 | 1.6 | 69.8 | 5.9 | 7.5 | 17.9 | 23.5 | 3.5 | 4.1 | 4.3 | 10.6 | 5.2 | 5.7 | 28.9 | 44.0 | 5.2 |
| 2251 | 119 | 506484 | 7365768 | 1.260 | 1.370 | 2.110 | 0.160 | 1.370 | 0.045 | 0.009 | 0.190 | 0.078 | 31.2 | 2.0 | 71.4 | 11.2 | 14.9 | 16.8 | 24.2 | 10.5 | 1.0 | 18.8 | 7.5 | 3.9 | 58.6 | 33.2 | 53.0 | 15.9 |
| 2251 | 120 | 504234 | 7363888 | 0.380 | 0.260 | 0.550 | 0.052 | 0.150 | 0.009 | 0.007 | 0.075 | 0.036 | 11.0 | 0.6 | 39.1 | 2.9 | 4.0 | 2.6 | 11.9 | 2.9 | 1.0 | 3.2 | 10.6 | 1.1 | 22.8 | 7.3 | 16.5 | 4.4 |
| 2251 | 121 | 488584 | 7360788 | 0.900 | 1.370 | 1.490 | 0.080 | 0.890 | 0.018 | 0.027 | 0.170 | 0.046 | 27.6 | 1.8 | 59.7 | 5.6 | 17.7 | 9.7 | 16.1 | 7.2 | 1.6 | 7.5 | 5.0 | 4.5 | 40.5 | 31.9 | 28.5 | 6.0 |
| 2251 | 122 | 491014 | 7361298 | 0.600 | 3.230 | 1.360 | 0.062 | 2.260 | 0.025 | 0.013 | 0.280 | 0.031 | 276.0 | 1.4 | 66.7 | 6.0 | 11.5 | 8.8 | 27.1 | 6.0 | 1.0 | 9.9 | 15.1 | 2.4 | 56.6 | 15.4 | 46.3 | 7.4 |
| 2251 | 123 | 490324 | 7360568 | 0.780 | 1.650 | 1.420 | 0.090 | 1.180 | 0.022 | 0.015 | 0.088 | 0.058 | 459.3 | 1.4 | 54.5 | 7.6 | 10.1 | 7.2 | 21.3 | 8.3 | 1.0 | 10.2 | 19.6 | 2.6 | 38.0 | 16.5 | 70.0 | 5.9 |
| 2251 | 124 | 465784 | 7352498 | 0.690 | 0.370 | 1.000 | 0.086 | 0.310 | 0.022 | 0.025 | 0.024 | 0.070 | 15.6 | 1.0 | 32.3 | 7.4 | 14.7 | 6.9 | 5.2 | 3.5 | 1.0 | 7.3 | 6.8 | 3.5 | 12.5 | 21.8 | 18.9 | 4.5 |
| 2251 | 201 | 453704 | 7298558 | 1.210 | 0.860 | 1.480 | 0.084 | 0.640 | 0.020 | 0.032 | 0.160 | 0.073 | 15.1 | 1.4 | 50.1 | 7.9 | 30.2 | 8.2 | 10.9 | 7.7 | 1.0 | 9.3 | 9.6 | 4.5 | 19.2 | 35.9 | 34.2 | 4.9 |
| 2251 | 202 | 450024 | 7300808 | 3.470 | 0.950 | 3.760 | 0.650 | 1.810 | 0.044 | 0.057 | 0.130 | 0.200 | 133.0 | 3.6 | 95.0 | 19.1 | 86.5 | 23.3 | 29.4 | 32.5 | 1.0 | 49.1 | 18.4 | 7.7 | 41.0 | 78.3 | 84.8 | 10.0 |
| 2251 | 203 | 449044 | 7302198 | 2.360 | 0.820 | 2.870 | 0.320 | 1.290 | 0.040 | 0.035 | 0.150 | 0.140 | 61.5 | 3.0 | 69.6 | 15.4 | 51.7 | 18.5 | 19.8 | 20.4 | 1.0 | 28.9 | 20.6 | 5.9 | 23.2 | 67.0 | 84.2 | 7.6 |
| 2251 | 204 | 448374 | 7302908 | 2.170 | 0.910 | 2.880 | 0.390 | 1.210 | 0.035 | 0.044 | 0.180 | 0.150 | 83.7 | 2.9 | 74.7 | 17.0 | 45.9 | 21.6 | 22.2 | 19.1 | 6.2 | 28.0 | 13.1 | 5.4 | 28.8 | 62.5 | 80.9 | 4.9 |
| 2251 | 205 | 444644 | 7305718 | 1.230 | 0.530 | 1.600 | 0.100 | 0.560 | 0.025 | 0.021 | 0.110 | 0.074 | 25.1 | 1.4 | 42.7 | 6.9 | 19.1 | 10.3 | 14.6 | 11.0 | 1.0 | 10.8 | 5.0 | 3.8 | 19.6 | 25.0 | 46.9 | 9.7 |
| 2251 | 206 | 446444 | 7304458 | 2.950 | 1.020 | 2.870 | 0.470 | 1.550 | 0.029 | 0.057 | 0.170 | 0.160 | 102.4 | 2.4 | 71.1 | 15.1 | 82.9 | 19.6 | 20.7 | 27.1 | 1.0 | 45.2 | 9.5 | 6.6 | 28.2 | 64.2 | 75.0 | 9.9 |
| 2251 | 207 | 442974 | 7305828 | 2.560 | 0.640 | 3.050 | 0.450 | 1.610 | 0.038 | 0.041 | 0.110 | 0.170 | 88.1 | 3.2 | 74.1 | 17.2 | 54.4 | 33.3 | 27.6 | 21.7 | 1.0 | 32.9 | 13.2 | 5.4 | 24.7 | 59.4 | 78.6 | 7.8 |
| 2251 | 208 | 441774 | 7306678 | 2.590 | 1.120 | 3.320 | 0.330 | 1.880 | 0.047 | 0.054 | 0.210 | 0.160 | 85.6 | 2.7 | 72.5 | 16.2 | 59.0 | 45.6 | 23.4 | 22.8 | 1.0 | 31.9 | 17.8 | 6.1 | 37.3 | 67.8 | 98.9 | 7.0 |
| 2251 | 209 | 444434 | 7308018 | 1.810 | 0.630 | 2.310 | 0.280 | 0.880 | 0.063 | 0.035 | 0.110 | 0.120 | 73.4 | 2.3 | 61.6 | 14.0 | 36.4 | 14.8 | 20.4 | 13.5 | 1.0 | 21.9 | 5.0 | 4.1 | 21.6 | 43.6 | 66.0 | 6.4 |
| 2251 | 210 | 462944 | 7309888 | 2.190 | 0.390 | 3.370 | 0.440 | 1.290 | 0.062 | 0.028 | 0.085 | 0.140 | 66.4 | 3.6 | 81.3 | 24.3 | 46.9 | 29.5 | 27.2 | 22.3 | 1.9 | 34.2 | 16.8 | 3.6 | 14.3 | 56.9 | 79.2 | 10.9 |
| 2251 | 211 | 462764 | 7308978 | 1.940 | 0.840 | 2.970 | 0.320 | 1.230 | 0.040 | 0.028 | 0.150 | 0.110 | 65.5 | 2.9 | 58.9 | 15.5 | 50.1 | 21.9 | 19.1 | 21.3 | 1.0 | 33.5 | 10.9 | 4.5 | 23.3 | 54.0 | 79.8 | 10.5 |
| 2251 | 212 | 458794 | 7308748 | 1.430 | 0.720 | 2.630 | 0.230 | 0.690 | 0.023 | 0.051 | 0.140 | 0.076 | 37.2 | 2.6 | 61.8 | 22.0 | 41.3 | 34.8 | 15.3 | 13.1 | 1.0 | 24.8 | 5.0 | 4.8 | 15.2 | 49.0 | 81.3 | 6.1 |
| 2251 | 213 | 457934 | 7308578 | 1.720 | 0.780 | 2.390 | 0.300 | 1.090 | 0.036 | 0.034 | 0.140 | 0.130 | 50.5 | 2.5 | 80.3 | 18.7 | 51.5 | 29.7 | 23.9 | 16.3 | 1.2 | 34.6 | 19.6 | 4.6 | 22.1 | 51.9 | 75.6 | 9.3 |
| 2251 | 214 | 460044 | 7305788 | 1.960 | 0.860 | 3.150 | 0.320 | 1.190 | 0.084 | 0.020 | 0.130 | 0.160 | 75.4 | 3.1 | 94.0 | 19.9 | 51.5 | 25.8 | 29.5 | 18.8 | 1.4 | 40.2 | 19.6 | 4.5 | 37.8 | 46.4 | 81.4 | 10.1 |
| 2251 | 215 | 446274 | 7301048 | 2.460 | 0.590 | 3.270 | 0.450 | 1.600 | 0.098 | 0.031 | 0.091 | 0.170 | 79.5 | 3.4 | 91.4 | 23.5 | 62.3 | 21.0 | 23.4 | 20.6 | 1.0 | 33.6 | 18.9 | 6.0 | 18.3 | 58.2 | 105.8 | 7.4 |
| 2251 | 216 | 446284 | 7300738 | 1.190 | 0.440 | 1.680 | 0.170 | 0.660 | 0.027 | 0.022 | 0.069 | 0.110 | 26.7 | 1.8 | 48.7 | 12.5 | 19.5 | 9.1 | 14.3 | 9.6 | 1.2 | 11.6 | 11.5 | 3.3 | 11.9 | 30.4 | 37.8 | 7.6 |
| 2251 | 217 | 443514 | 7299778 | 1.130 | 0.290 | 1.810 | 0.140 | 0.650 | 0.017 | 0.016 | 0.063 | 0.088 | 25.7 | 2.1 | 46.7 | 10.9 | 29.8 | 17.2 | 17.8 | 10.9 | 1.9 | 21.9 | 11.0 | 2.5 | 15.7 | 29.6 | 36.8 | 10.8 |
| 2251 | 218 | 442104 | 7300788 | 0.930 | 0.290 | 1.610 | 0.140 | 0.530 | 0.024 | 0.015 | 0.043 | 0.097 | 26.0 | 2.0 | 54.6 | 13.4 | 29.2 | 10.5 | 13.2 | 8.4 | 2.1 | 18.0 | 16.5 | 2.6 | 14.6 | 30.2 | 32.7 | 7.1 |
| 2251 | 219 | 447494 | 7319818 | 1.560 | 0.680 | 2.380 | 0.240 | 0.930 | 0.054 | 0.025 | 0.120 | 0.120 | 62.4 | 2.2 | 56.1 | 14.6 | 35.5 | 17.1 | 14.4 | 13.7 | 1.0 | 17.5 | 14.5 | 4.4 | 28.5 | 46.8 | 56.8 | 6.4 |
| 2251 | 220 | 447504 | 7318298 | 2.410 | 0.740 | 2.850 | 0.550 | 1.660 | 0.030 | 0.033 | 0.110 | 0.200 | 112.9 | 2.8 | 78.1 | 20.2 | 65.6 | 23.8 | 18.5 | 25.1 | 1.2 | 37.2 | 7.4 | 5.4 | 15.7 | 78.6 | 85.8 | 8.4 |
| 2251 | 221 | 445854 | 7312688 | 2.140 | 0.980 | 2.930 | 0.200 | 1.510 | 0.043 | 0.023 | 0.180 | 0.170 | 49.2 | 2.6 | 67.7 | 18.0 | 44.2 | 16.5 | 20.0 | 25.7 | 1.0 | 30.1 | 10.8 | 4.3 | 29.4 | 52.2 | 94.3 | 8.4 |
| 2251 | 222 | 445464 | 7312668 | 1.530 | 1.060 | 2.710 | 0.180 | 0.920 | 0.069 | 0.032 | 0.110 | 0.150 | 48.9 | 2.2 | 84.2 | 17.2 | 27.2 | 23.3 | 9.8 | 1.0 | 20.4 | 8.2 | 4.6 | 32.3 | 46.3 | 60.1 | 6.5 | |
| 2251 | 223 | 445554 | 7319058 | 1.380 | 0.710 | 2.290 | 0.190 | 0.740 | 0.096 | 0.028 | 0.130 | 0.150 | 66.3 | 1.9 | 65.4 | 16.2 | 21.0 | 15.1 | 18.5 | 9.9 | 1.0 | 12.2 | 6.6 | 3.5 | 23.5 | 37.0 | 66.3 | 7.3 |
| 2251 | 224 | 443724 | 7316468 | 1.440 | 0.790 | 1.640 | 0.160 | 0.920 | 0.036 | 0.033 | 0.130 | 0.100 | 37.7 | 1.8 | 57.7 | 10.2 | 26.0 | 16.2 | 17.7 | 11.5 | 1.0 | 13.6 | 15.3 | 3.9 | 23.0 | 37.4 | 49.0 | 6.5 |
| 2251 | 225 | 444114 | 7315498 | 1.900 | 1.050 | 2.030 | 0.230 | 2.010 | 0.070 | 0.033 | 0.130 | 0.150 | 63.0 | 2.1 | 66.1 | 14.9 | 32.8 | 14.0 | 19.6 | 29.4 | 1.0 | 13.8 | 12.1 | 4.2 | 21.5 | 49.4 | 67.7 | 9.1 |
| 2251 | 226 | 445354 | 7303748 | 1.670 | 1.130 | 2.370 | 0.250 | 1.400 | 0.043 | 0.032 | 0.150 | 0.120 | 94.4 | 2.3 | 66.9 | 14.8 | 31.3 | 16.4 | 21.6 | 15.1 | 1.0 | 21.7 | 6.9 | 3.9 | 33.7 | 35.6 | 72.8 | 9.8 |
| 2251 | 227 | 447054 | 7298178 | 1.300 | 0.300 | 2.110 | 0.170 | 0.710 | 0.025 | 0.014 | 0.060 | 0.093 | 33.9 | 2.3 | 51.6 | 12.1 | 31.9 | 19.0 | 17.9 | 12.4 | 1.6 | 23.4 | 13.0 | 2.9 | 16.2 | 32.7 | 41.9 | 14.1 |
| 2251 | 228 | 448414 | 7297258 | 1.480 | 0.770 | 1.850 | 0.120 | 0.760 | 0.018 | 0.021 | 0.096 | 0.130 | 22.5 | 2.5 | 59.5 | 11.6 | 48.6 | 13.3 | 16.7 | 12.1 | 2.1 | 25.5 | 6.9 | 3.2 | 34.2 | 38.5 | 42.2 | 7.9 |
| 2251 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 4 av 15

| Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|-------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2251 | 248 | 456244 | 7314678 | 0.930 | 0.610 | 1.370 | 0.320 | 0.590 | 0.019 | 0.027 | 0.160 | 0.068 | 42.2 | 1.5 | 48.0 | 8.1 | 25.9 | 19.6 | 12.1 | 9.1 | 1.4 | 16.8 | 5.0 | 3.1 | 10.7 | 30.0 | 23.8 | 6.4 |
| 2251 | 249 | 455154 | 7317788 | 0.770 | 0.660 | 1.150 | 0.170 | 0.480 | 0.020 | 0.025 | 0.130 | 0.049 | 26.7 | 0.8 | 38.3 | 6.2 | 21.2 | 13.4 | 10.0 | 6.7 | 1.0 | 15.2 | 5.0 | 2.9 | 13.0 | 22.5 | 20.2 | 6.1 |
| 2251 | 250 | 454854 | 7316888 | 1.010 | 0.520 | 1.430 | 0.260 | 0.590 | 0.019 | 0.035 | 0.110 | 0.076 | 40.5 | 1.3 | 42.0 | 7.6 | 31.9 | 20.0 | 12.5 | 9.4 | 1.2 | 22.0 | 5.0 | 3.4 | 13.9 | 29.2 | 25.8 | 7.6 |
| 2251 | 251 | 450714 | 7317958 | 1.720 | 0.690 | 2.680 | 0.290 | 0.980 | 0.054 | 0.024 | 0.140 | 0.110 | 66.0 | 2.2 | 76.4 | 14.6 | 34.7 | 25.1 | 24.4 | 17.5 | 1.0 | 26.8 | 8.8 | 4.6 | 29.3 | 40.2 | 64.9 | 13.2 |
| 2251 | 252 | 451454 | 7319978 | 2.230 | 0.620 | 2.590 | 0.750 | 1.450 | 0.048 | 0.027 | 0.130 | 0.150 | 120.0 | 2.2 | 81.1 | 19.0 | 55.3 | 26.7 | 25.4 | 37.2 | 1.0 | 31.3 | 8.6 | 3.9 | 19.8 | 57.1 | 94.4 | 7.1 |
| 2251 | 253 | 465704 | 7314618 | 0.810 | 0.380 | 1.370 | 0.370 | 0.540 | 0.020 | 0.015 | 0.130 | 0.054 | 38.4 | 1.2 | 68.1 | 8.5 | 12.8 | 25.5 | 23.0 | 10.3 | 1.0 | 15.6 | 5.0 | 2.2 | 8.7 | 15.7 | 24.8 | 11.3 |
| 2251 | 254 | 466304 | 7311628 | 0.820 | 1.600 | 1.990 | 0.170 | 0.710 | 0.028 | 0.019 | 0.120 | 0.076 | 26.8 | 1.7 | 66.3 | 16.3 | 18.8 | 36.0 | 20.6 | 6.9 | 1.0 | 35.4 | 5.0 | 2.9 | 45.1 | 21.5 | 31.7 | 9.4 |
| 2251 | 255 | 480144 | 7293008 | 1.710 | 1.080 | 4.430 | 0.036 | 0.950 | 0.100 | 0.004 | 0.460 | 0.050 | 29.0 | 3.7 | 93.5 | 20.5 | 12.5 | 12.4 | 28.6 | 10.9 | 1.0 | 21.3 | 13.8 | 4.9 | 79.3 | 57.6 | 105.3 | 18.4 |
| 2251 | 256 | 477834 | 7294318 | 0.880 | 0.310 | 2.040 | 0.160 | 0.510 | 0.049 | 0.004 | 0.110 | 0.067 | 33.5 | 1.8 | 66.6 | 11.5 | 21.0 | 21.2 | 21.3 | 9.5 | 1.0 | 14.6 | 9.5 | 1.9 | 28.7 | 16.4 | 37.2 | 14.7 |
| 2251 | 257 | 476944 | 7294988 | 0.910 | 0.260 | 9.590 | 0.120 | 0.330 | 0.260 | 0.004 | 0.092 | 0.037 | 63.3 | 7.6 | 114.8 | 30.4 | 7.1 | 24.1 | 27.9 | 8.5 | 2.9 | 28.8 | 14.9 | 0.6 | 27.7 | 11.6 | 129.1 | 33.2 |
| 2251 | 258 | 476774 | 7296348 | 2.170 | 0.500 | 3.960 | 0.077 | 1.550 | 0.074 | 0.005 | 0.092 | 0.190 | 23.5 | 3.1 | 71.8 | 30.8 | 137.6 | 65.3 | 19.6 | 16.0 | 1.5 | 94.8 | 16.3 | 3.6 | 26.3 | 48.5 | 59.4 | 13.9 |
| 2251 | 259 | 480244 | 7297688 | 2.970 | 1.160 | 5.480 | 0.200 | 2.210 | 0.110 | 0.007 | 0.180 | 0.050 | 57.7 | 4.1 | 58.8 | 41.3 | 54.4 | 46.8 | 11.4 | 19.4 | 1.0 | 49.4 | 12.5 | 5.7 | 94.7 | 121.0 | 73.9 | 14.2 |
| 2251 | 260 | 482174 | 7298188 | 2.700 | 1.200 | 5.120 | 0.170 | 2.010 | 0.100 | 0.009 | 0.190 | 0.060 | 38.3 | 5.1 | 57.4 | 34.5 | 46.0 | 31.6 | 8.5 | 14.8 | 1.9 | 34.8 | 14.2 | 4.1 | 79.3 | 103.3 | 65.9 | 9.2 |
| 2251 | 261 | 480034 | 7296918 | 1.810 | 0.320 | 3.500 | 0.059 | 1.380 | 0.063 | 0.005 | 0.110 | 0.040 | 17.6 | 2.6 | 56.7 | 17.1 | 42.6 | 23.5 | 16.7 | 18.4 | 1.0 | 50.6 | 6.9 | 2.3 | 17.8 | 26.2 | 62.8 | 25.6 |
| 2251 | 262 | 471484 | 7299398 | 1.850 | 0.970 | 3.470 | 0.110 | 1.360 | 0.077 | 0.016 | 0.130 | 0.300 | 35.5 | 3.3 | 62.6 | 28.4 | 45.0 | 56.3 | 16.1 | 8.9 | 1.0 | 35.7 | 12.4 | 3.7 | 39.4 | 59.6 | 67.5 | 10.9 |
| 2251 | 263 | 464424 | 7300608 | 1.510 | 0.350 | 2.630 | 0.054 | 0.830 | 0.050 | 0.005 | 0.083 | 0.110 | 18.8 | 2.8 | 59.1 | 13.9 | 17.7 | 19.9 | 22.5 | 11.4 | 1.6 | 15.5 | 12.8 | 4.0 | 26.1 | 46.4 | 77.2 | 11.7 |
| 2251 | 264 | 462944 | 7299258 | 3.070 | 0.950 | 5.860 | 0.063 | 2.380 | 0.130 | 0.006 | 0.280 | 0.230 | 45.4 | 4.7 | 59.9 | 29.5 | 43.1 | 27.1 | 13.8 | 15.7 | 1.0 | 26.6 | 12.8 | 9.3 | 57.4 | 128.2 | 108.0 | 9.5 |
| 2251 | 265 | 462724 | 7295838 | 1.720 | 0.510 | 2.320 | 0.160 | 0.790 | 0.044 | 0.059 | 0.076 | 0.100 | 37.6 | 2.6 | 42.8 | 19.0 | 31.5 | 23.4 | 12.2 | 14.8 | 1.0 | 22.1 | 11.1 | 2.4 | 22.5 | 40.1 | 42.8 | 9.4 |
| 2251 | 266 | 461984 | 7294518 | 1.960 | 0.640 | 2.730 | 0.390 | 0.960 | 0.050 | 0.032 | 0.098 | 0.150 | 76.1 | 2.3 | 61.9 | 18.0 | 43.4 | 29.4 | 20.9 | 25.4 | 1.0 | 31.1 | 12.6 | 3.3 | 27.8 | 51.5 | 92.6 | 10.4 |
| 2251 | 267 | 459584 | 7293508 | 1.720 | 0.250 | 2.200 | 0.440 | 0.780 | 0.028 | 0.021 | 0.053 | 0.100 | 46.5 | 2.1 | 63.3 | 21.6 | 29.9 | 22.3 | 32.9 | 17.5 | 1.0 | 17.5 | 6.0 | 2.8 | 9.6 | 41.1 | 38.2 | 9.7 |
| 2251 | 268 | 471464 | 7313278 | 2.000 | 2.540 | 2.690 | 0.430 | 2.850 | 0.058 | 0.025 | 0.100 | 0.120 | 73.1 | 2.8 | 96.6 | 33.2 | 40.2 | 43.8 | 32.8 | 24.2 | 1.0 | 53.9 | 18.7 | 3.8 | 23.4 | 48.3 | 107.8 | 13.8 |
| 2251 | 269 | 469364 | 7315358 | 1.280 | 0.460 | 1.650 | 0.590 | 0.790 | 0.022 | 0.031 | 0.120 | 0.085 | 65.2 | 1.7 | 63.8 | 9.4 | 21.7 | 30.3 | 20.8 | 13.2 | 1.1 | 18.1 | 11.7 | 3.6 | 8.5 | 29.6 | 30.8 | 11.2 |
| 2251 | 270 | 469504 | 7314558 | 1.250 | 0.630 | 1.950 | 0.290 | 0.820 | 0.027 | 0.024 | 0.083 | 0.089 | 48.2 | 2.2 | 65.4 | 13.2 | 28.2 | 27.0 | 20.0 | 11.4 | 2.0 | 25.1 | 8.7 | 2.9 | 22.1 | 31.2 | 45.5 | 8.2 |
| 2251 | 271 | 475124 | 7318588 | 2.500 | 0.800 | 3.100 | 0.520 | 1.570 | 0.048 | 0.030 | 0.130 | 0.170 | 103.1 | 2.5 | 85.2 | 17.6 | 65.8 | 26.0 | 27.1 | 26.3 | 1.0 | 37.5 | 13.6 | 5.5 | 28.2 | 60.4 | 72.8 | 14.9 |
| 2251 | 272 | 475494 | 7316548 | 2.330 | 0.860 | 2.960 | 0.500 | 1.490 | 0.065 | 0.032 | 0.140 | 0.160 | 102.5 | 2.4 | 83.6 | 16.9 | 70.5 | 24.8 | 28.2 | 24.8 | 1.0 | 45.9 | 11.0 | 5.4 | 28.9 | 56.5 | 82.6 | 13.9 |
| 2251 | 273 | 475514 | 7315318 | 1.780 | 0.890 | 2.540 | 0.280 | 1.180 | 0.041 | 0.025 | 0.160 | 0.120 | 60.9 | 2.5 | 69.8 | 15.8 | 47.1 | 27.1 | 19.6 | 16.3 | 2.1 | 33.2 | 7.7 | 4.9 | 29.5 | 51.8 | 65.2 | 12.7 |
| 2251 | 274 | 475294 | 7314338 | 1.530 | 0.860 | 2.450 | 0.180 | 0.970 | 0.043 | 0.058 | 0.140 | 0.140 | 33.2 | 2.0 | 52.1 | 20.8 | 55.6 | 32.3 | 12.7 | 13.7 | 1.0 | 50.5 | 6.3 | 4.8 | 16.4 | 56.8 | 49.4 | 6.6 |
| 2251 | 275 | 474464 | 7311548 | 1.430 | 1.000 | 2.130 | 0.200 | 0.910 | 0.040 | 0.021 | 0.190 | 0.100 | 38.0 | 2.1 | 76.7 | 13.1 | 30.1 | 23.4 | 25.0 | 11.5 | 1.0 | 27.5 | 8.0 | 4.2 | 34.0 | 36.1 | 57.5 | 11.3 |
| 2251 | 276 | 475434 | 7308458 | 1.950 | 0.810 | 3.430 | 0.160 | 0.940 | 0.059 | 0.014 | 0.180 | 0.160 | 47.6 | 2.5 | 145.0 | 29.1 | 34.8 | 32.8 | 61.6 | 12.0 | 1.0 | 35.4 | 8.4 | 3.4 | 71.2 | 43.6 | 106.0 | 8.4 |
| 2251 | 277 | 476434 | 7308778 | 1.790 | 0.950 | 3.320 | 0.150 | 0.880 | 0.078 | 0.030 | 0.190 | 0.180 | 54.0 | 3.7 | 185.4 | 71.0 | 42.8 | 49.6 | 78.9 | 10.3 | 2.2 | 54.9 | 15.1 | 3.8 | 69.7 | 53.3 | 130.9 | 7.2 |
| 2251 | 278 | 478824 | 7307958 | 1.570 | 0.790 | 2.490 | 0.130 | 0.880 | 0.030 | 0.019 | 0.230 | 0.130 | 37.5 | 2.2 | 117.2 | 25.4 | 56.1 | 21.5 | 64.4 | 6.4 | 1.0 | 23.0 | 18.6 | 3.1 | 64.4 | 42.0 | 52.0 | 8.5 |
| 2251 | 279 | 479224 | 7307858 | 2.110 | 0.640 | 3.400 | 0.180 | 1.100 | 0.040 | 0.017 | 0.150 | 0.190 | 50.6 | 3.3 | 162.7 | 34.3 | 66.7 | 25.6 | 95.0 | 10.1 | 2.8 | 33.3 | 39.5 | 3.9 | 55.4 | 55.4 | 85.1 | 10.2 |
| 2251 | 280 | 451204 | 7312458 | 1.370 | 0.590 | 2.040 | 0.240 | 0.860 | 0.047 | 0.033 | 0.100 | 0.120 | 48.1 | 2.1 | 37.2 | 18.2 | 43.4 | 34.7 | 7.2 | 15.9 | 1.0 | 34.3 | 12.3 | 3.1 | 14.6 | 46.8 | 54.8 | 5.6 |
| 2251 | 281 | 450794 | 7312308 | 1.330 | 0.650 | 1.740 | 0.260 | 0.710 | 0.031 | 0.027 | 0.150 | 0.091 | 47.5 | 2.1 | 52.2 | 12.3 | 41.8 | 31.5 | 13.2 | 12.4 | 1.8 | 27.2 | 5.0 | 3.9 | 20.6 | 36.6 | 35.2 | 7.7 |
| 2251 | 282 | 478774 | 7309878 | 1.510 | 0.870 | 2.350 | 0.190 | 0.760 | 0.042 | 0.032 | 0.180 | 0.160 | 43.1 | 2.2 | 69.3 | 19.4 | 36.9 | 25.3 | 22.3 | 11.8 | 1.0 | 30.1 | 13.4 | 4.5 | 45.1 | 45.2 | 63.3 | 7.1 |
| 2251 | 283 | 480744 | 7309788 | 2.230 | 0.700 | 3.370 | 0.360 | 1.290 | 0.056 | 0.024 | 0.140 | 0.190 | 86.8 | 3.1 | 98.8 | 32.4 | 50.2 | 26.0 | 39.5 | 13.3 | 3.0 | 37.8 | 12.9 | 3.9 | 61.4 | 57.0 | 82.4 | 8.9 |
| 2251 | 284 | 449784 | 7315558 | 1.450 | 0.950 | 2.090 | 0.160 | 0.900 | 0.037 | 0.043 | 0.190 | 0.074 | 45.8 | 1.7 | 52.2 | 11.9 | 36.2 | 19.6 | 17.0 | 14.4 | 1.0 | 24.7 | 5.4 | 4.1 | 32.1 | 37.8 | 43.1 | 5.3 |
| 2251 | 285 | 451924 | 7315398 | 1.530 | 0.500 | 1.940 | 0.310 | 0.940 | 0.060 | 0.021 | 0.110 | 0.095 | 52.8 | 2.3 | 66.7 | 15.9 | 28.6 | 15.6 | 19.4 | 22.7 | 1.0 | 24.1 | 8.1 | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 5 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 305 | 467424 | 7302408 | 2.070 | 0.760 | 3.410 | 0.110 | 1.240 | 0.060 | 0.005 | 0.190 | 0.170 | 27.5 | 3.5 | 76.3 | 18.3 | 18.4 | 44.6 | 27.8 | 11.4 | 1.0 | 13.1 | 15.7 | 4.4 | 78.5 | 59.4 | 74.8 | 18.1 |
| 2251 | 306 | 453534 | 7313018 | 1.170 | 0.480 | 1.740 | 0.150 | 0.610 | 0.028 | 0.025 | 0.100 | 0.081 | 27.5 | 2.2 | 60.3 | 12.0 | 31.0 | 18.7 | 16.1 | 11.8 | 2.7 | 23.1 | 11.1 | 3.2 | 19.2 | 30.3 | 40.9 | 10.1 |
| 2251 | 307 | 456904 | 7312508 | 1.450 | 0.280 | 2.440 | 0.300 | 0.680 | 0.028 | 0.017 | 0.074 | 0.089 | 36.6 | 2.3 | 78.7 | 16.8 | 18.3 | 17.1 | 32.0 | 18.7 | 1.0 | 13.9 | 37.2 | 2.7 | 13.9 | 29.4 | 49.6 | 18.1 |
| 2251 | 308 | 457234 | 7312778 | 1.580 | 0.410 | 2.210 | 0.290 | 0.770 | 0.022 | 0.024 | 0.086 | 0.110 | 41.0 | 2.1 | 62.5 | 13.2 | 27.8 | 24.8 | 28.3 | 16.1 | 1.0 | 19.5 | 20.4 | 3.6 | 17.8 | 34.3 | 49.2 | 13.9 |
| 2251 | 309 | 457164 | 7313188 | 1.930 | 0.450 | 2.550 | 0.320 | 0.880 | 0.025 | 0.027 | 0.080 | 0.120 | 46.8 | 2.6 | 66.5 | 14.2 | 30.2 | 19.6 | 24.1 | 18.4 | 1.0 | 16.5 | 28.2 | 4.1 | 17.4 | 41.7 | 48.9 | 19.5 |
| 2251 | 401 | 444204 | 7338608 | 0.770 | 0.430 | 1.080 | 0.100 | 0.330 | 0.020 | 0.020 | 0.076 | 0.066 | 20.9 | 0.9 | 40.8 | 6.1 | 14.9 | 6.9 | 10.7 | 5.9 | 1.0 | 9.8 | 5.9 | 2.6 | 18.2 | 19.7 | 19.8 | 6.4 |
| 2251 | 402 | 444804 | 7335258 | 0.690 | 1.210 | 1.230 | 0.130 | 0.610 | 0.029 | 0.018 | 0.110 | 0.069 | 23.2 | 1.4 | 59.2 | 9.5 | 15.1 | 19.8 | 15.2 | 6.0 | 1.7 | 15.3 | 7.6 | 2.7 | 35.1 | 20.3 | 21.5 | 9.5 |
| 2251 | 403 | 444874 | 7332168 | 0.940 | 0.650 | 1.430 | 0.120 | 0.510 | 0.028 | 0.018 | 0.160 | 0.080 | 30.9 | 1.3 | 64.4 | 8.8 | 19.5 | 13.3 | 21.1 | 7.5 | 1.0 | 11.4 | 5.4 | 3.0 | 22.1 | 24.4 | 32.3 | 8.6 |
| 2251 | 404 | 445184 | 7329428 | 1.370 | 1.170 | 1.730 | 0.240 | 0.790 | 0.041 | 0.029 | 0.190 | 0.100 | 31.2 | 1.6 | 87.8 | 10.1 | 31.0 | 21.2 | 30.3 | 11.1 | 1.0 | 18.2 | 12.9 | 4.1 | 32.1 | 34.9 | 37.2 | 6.7 |
| 2251 | 405 | 453014 | 7321188 | 1.260 | 0.840 | 1.670 | 0.230 | 0.860 | 0.026 | 0.024 | 0.150 | 0.096 | 47.7 | 1.6 | 61.9 | 11.0 | 27.5 | 14.3 | 18.9 | 14.3 | 1.0 | 19.1 | 7.1 | 3.5 | 22.0 | 35.4 | 42.0 | 6.1 |
| 2251 | 406 | 452194 | 7320448 | 0.860 | 0.670 | 1.630 | 0.150 | 0.530 | 0.035 | 0.035 | 0.170 | 0.074 | 47.6 | 1.5 | 42.4 | 9.9 | 16.1 | 13.5 | 10.9 | 8.4 | 1.1 | 11.8 | 5.9 | 3.7 | 14.0 | 38.1 | 39.0 | 4.9 |
| 2251 | 407 | 449924 | 7321978 | 1.250 | 0.850 | 1.780 | 0.210 | 0.780 | 0.027 | 0.028 | 0.170 | 0.100 | 48.5 | 1.5 | 54.5 | 10.6 | 25.2 | 14.6 | 17.3 | 13.8 | 1.0 | 18.1 | 5.0 | 3.8 | 22.7 | 37.8 | 44.8 | 6.1 |
| 2251 | 408 | 448044 | 7324398 | 1.550 | 0.520 | 1.800 | 0.260 | 0.730 | 0.029 | 0.013 | 0.084 | 0.120 | 46.9 | 1.7 | 50.3 | 10.2 | 33.2 | 11.5 | 16.5 | 19.5 | 1.0 | 16.0 | 7.6 | 4.3 | 19.2 | 38.0 | 35.8 | 5.3 |
| 2251 | 409 | 448114 | 7325928 | 0.530 | 0.460 | 0.880 | 0.087 | 0.290 | 0.020 | 0.012 | 0.088 | 0.051 | 17.7 | 0.9 | 48.0 | 5.5 | 10.9 | 11.4 | 13.8 | 3.9 | 1.0 | 9.6 | 5.3 | 2.4 | 20.5 | 14.6 | 14.5 | 8.3 |
| 2251 | 410 | 444394 | 7322728 | 0.970 | 0.610 | 1.270 | 0.140 | 0.560 | 0.019 | 0.029 | 0.079 | 0.092 | 28.9 | 1.3 | 35.5 | 8.4 | 19.8 | 11.0 | 9.0 | 6.9 | 1.0 | 9.1 | 5.0 | 3.4 | 21.1 | 32.0 | 22.3 | 4.0 |
| 2251 | 411 | 448014 | 7328988 | 0.650 | 1.990 | 1.090 | 0.140 | 0.920 | 0.024 | 0.016 | 0.088 | 0.052 | 27.8 | 1.1 | 53.6 | 7.5 | 14.9 | 13.6 | 13.5 | 6.0 | 2.4 | 13.2 | 7.3 | 2.4 | 42.8 | 19.0 | 19.1 | 7.0 |
| 2251 | 412 | 450714 | 7329288 | 1.160 | 0.620 | 1.700 | 0.310 | 0.640 | 0.026 | 0.022 | 0.140 | 0.073 | 62.0 | 1.5 | 51.1 | 9.0 | 29.6 | 18.7 | 14.8 | 10.0 | 1.5 | 25.4 | 5.0 | 3.3 | 16.1 | 34.3 | 41.9 | 6.0 |
| 2251 | 413 | 450274 | 7328558 | 1.330 | 1.450 | 1.940 | 0.270 | 0.610 | 0.041 | 0.036 | 0.380 | 0.021 | 69.7 | 1.9 | 101.2 | 9.1 | 16.0 | 14.2 | 35.8 | 7.1 | 1.3 | 13.1 | 12.6 | 4.4 | 35.6 | 36.4 | 42.0 | 5.4 |
| 2251 | 414 | 452364 | 7327768 | 1.170 | 0.680 | 1.630 | 0.220 | 0.680 | 0.025 | 0.022 | 0.170 | 0.100 | 46.8 | 1.8 | 55.9 | 10.8 | 30.0 | 19.0 | 18.0 | 10.9 | 1.7 | 18.3 | 16.0 | 3.6 | 17.4 | 37.9 | 64.3 | 6.0 |
| 2251 | 415 | 454464 | 7327958 | 1.080 | 1.300 | 1.530 | 0.230 | 0.550 | 0.024 | 0.029 | 0.420 | 0.085 | 55.4 | 1.6 | 69.8 | 9.1 | 22.8 | 15.4 | 19.3 | 7.9 | 1.2 | 14.6 | 5.0 | 4.1 | 28.8 | 38.0 | 36.8 | 5.9 |
| 2251 | 416 | 456284 | 7325468 | 1.600 | 0.550 | 2.150 | 0.520 | 0.980 | 0.025 | 0.021 | 0.140 | 0.130 | 105.4 | 2.1 | 54.0 | 14.7 | 47.7 | 23.9 | 15.6 | 16.1 | 1.0 | 31.2 | 8.1 | 3.6 | 13.2 | 53.1 | 57.0 | 5.9 |
| 2251 | 417 | 457374 | 7324988 | 1.680 | 0.520 | 2.370 | 0.460 | 0.900 | 0.025 | 0.021 | 0.120 | 0.130 | 88.0 | 2.6 | 62.5 | 14.4 | 46.1 | 30.7 | 16.6 | 15.4 | 2.4 | 30.6 | 7.1 | 4.3 | 15.1 | 54.9 | 49.3 | 9.2 |
| 2251 | 418 | 459604 | 7326088 | 1.710 | 0.680 | 2.310 | 0.510 | 1.020 | 0.018 | 0.034 | 0.170 | 0.160 | 96.8 | 2.3 | 61.7 | 15.8 | 53.5 | 34.0 | 18.3 | 15.4 | 1.8 | 32.7 | 13.4 | 4.9 | 12.6 | 64.9 | 54.9 | 5.1 |
| 2251 | 419 | 460804 | 7326408 | 2.430 | 0.700 | 3.390 | 0.780 | 1.840 | 0.029 | 0.032 | 0.120 | 0.210 | 160.8 | 2.8 | 68.5 | 21.5 | 67.6 | 41.7 | 23.9 | 27.3 | 1.0 | 47.2 | 10.4 | 4.8 | 15.7 | 78.9 | 78.0 | 7.8 |
| 2251 | 420 | 459134 | 7322778 | 1.320 | 0.580 | 2.040 | 0.530 | 0.850 | 0.037 | 0.023 | 0.160 | 0.120 | 125.9 | 1.7 | 77.1 | 14.3 | 25.5 | 47.0 | 25.2 | 12.7 | 1.0 | 21.0 | 5.0 | 4.6 | 10.9 | 39.0 | 36.3 | 7.6 |
| 2251 | 421 | 459004 | 7323328 | 2.250 | 0.800 | 2.960 | 1.110 | 1.740 | 0.033 | 0.023 | 0.170 | 0.180 | 179.4 | 2.3 | 71.3 | 16.8 | 67.0 | 31.5 | 20.8 | 23.1 | 1.0 | 43.0 | 7.2 | 4.7 | 13.8 | 68.2 | 76.1 | 5.9 |
| 2251 | 422 | 453244 | 7328628 | 1.540 | 0.910 | 2.370 | 0.320 | 0.770 | 0.032 | 0.028 | 0.170 | 0.054 | 124.5 | 2.1 | 76.5 | 10.2 | 29.7 | 24.9 | 26.5 | 12.5 | 1.1 | 20.6 | 5.0 | 4.6 | 22.2 | 53.3 | 61.5 | 5.0 |
| 2251 | 423 | 461954 | 7323128 | 1.650 | 0.370 | 1.930 | 0.580 | 0.900 | 0.008 | 0.020 | 0.099 | 0.130 | 89.1 | 2.0 | 49.4 | 9.5 | 35.8 | 15.6 | 16.9 | 18.5 | 1.0 | 19.3 | 9.6 | 3.1 | 10.5 | 43.1 | 52.2 | 8.8 |
| 2251 | 424 | 461494 | 7322948 | 1.920 | 0.510 | 2.510 | 0.750 | 1.160 | 0.024 | 0.026 | 0.120 | 0.140 | 118.1 | 2.4 | 67.2 | 14.2 | 48.9 | 33.3 | 21.3 | 20.1 | 1.0 | 32.4 | 12.7 | 3.9 | 12.0 | 52.8 | 50.9 | 11.7 |
| 2251 | 425 | 462234 | 7323828 | 1.220 | 0.640 | 1.720 | 0.460 | 0.720 | 0.023 | 0.022 | 0.160 | 0.085 | 68.9 | 1.9 | 60.6 | 10.6 | 28.8 | 23.5 | 17.1 | 11.7 | 1.9 | 22.3 | 6.0 | 3.2 | 12.8 | 33.4 | 33.0 | 10.1 |
| 2251 | 426 | 445864 | 7327588 | 1.220 | 0.760 | 1.870 | 0.140 | 0.660 | 0.056 | 0.020 | 0.150 | 0.110 | 39.2 | 1.7 | 62.7 | 11.1 | 25.9 | 15.8 | 20.6 | 11.4 | 1.5 | 15.9 | 7.0 | 3.6 | 31.5 | 30.7 | 52.8 | 8.9 |
| 2251 | 427 | 447714 | 7334988 | 1.680 | 0.680 | 2.710 | 0.290 | 0.850 | 0.037 | 0.032 | 0.140 | 0.140 | 97.4 | 2.8 | 60.4 | 15.6 | 30.2 | 24.4 | 15.1 | 16.4 | 2.2 | 23.6 | 7.1 | 4.8 | 19.9 | 61.9 | 58.2 | 12.3 |
| 2251 | 428 | 450124 | 7337868 | 1.640 | 0.930 | 2.000 | 0.380 | 0.850 | 0.033 | 0.021 | 0.150 | 0.160 | 66.5 | 2.1 | 71.8 | 14.8 | 41.5 | 20.0 | 22.2 | 16.7 | 1.0 | 24.7 | 10.8 | 3.9 | 28.5 | 48.8 | 56.9 | 6.1 |
| 2251 | 429 | 452334 | 7338608 | 2.080 | 0.910 | 2.820 | 0.420 | 1.590 | 0.046 | 0.024 | 0.180 | 0.140 | 70.4 | 2.7 | 67.6 | 20.1 | 88.6 | 37.8 | 17.9 | 20.9 | 1.0 | 74.4 | 23.3 | 5.8 | 22.2 | 63.2 | 198.9 | 4.9 |
| 2251 | 430 | 453424 | 7339248 | 1.640 | 1.170 | 2.100 | 0.190 | 0.760 | 0.030 | 0.039 | 0.240 | 0.130 | 56.5 | 1.7 | 58.6 | 13.9 | 29.7 | 19.2 | 19.5 | 10.2 | 1.0 | 18.2 | 18.3 | 5.1 | 45.1 | 49.9 | 43.1 | 4.0 |
| 2251 | 431 | 458044 | 7339028 | 1.090 | 1.710 | 1.500 | 0.180 | 0.690 | 0.030 | 0.014 | 0.520 | 0.088 | 46.2 | 1.9 | 80.8 | 10.5 | 30.9 | 24.3 | 29.1 | 9.3 | 1.9 | 20.8 | 10.9 | 3.3 | 56.9 | 29.3 | 28.1 | 5.6 |
| 2251 | 432 | 456384 | 7339148 | 1.780 | 0.790 | 2.400 | 0.450 | 0.820 | 0.033 | 0.015 | 0.150 | 0.180 | 128.9 | 2.2 | 67.8 | 14.9 | 38.2 | 28.6 | 20.0 | 14.0 | 1.0 | 21.2 | 10.8 | 3.9 | 21.1 | 50.8 | 47.4 | 5.3 |
| 2251 | 433 | 455854 | 7339058 | 1.630 | 0.630 | 2.350 | 0.400 | 0.820 | 0.038 | 0.015 | 0.140 | 0.170 | 68.6 | 1.9 | 73.8 | 18.9 | 34.0 | 27.0 | 22.3 | 13.7 | 1.1 | 22.5 | 14.1 | 3.4 | 17.7 | 48.4 | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 6 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|----------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 453 | 446554 | 7346538 | 1.610 | 0.830 | 2.270 | 0.180 | 0.950 | 0.043 | 0.034 | 0.082 | 0.170 | 47.9 | 2.1 | 46.0 | 13.8 | 41.5 | 15.5 | 12.9 | 13.2 | 1.2 | 19.4 | 12.7 | 5.1 | 21.8 | 48.6 | 78.6 | 5.8 |
| 2251 | 454 | 444734 | 7343618 | 2.630 | 1.620 | 3.250 | 0.500 | 2.220 | 0.250 | 0.021 | 0.310 | 0.240 | 101.1 | 3.1 | 94.0 | 22.6 | 63.6 | 29.9 | 32.8 | 20.0 | 1.0 | 33.9 | 7.6 | 7.1 | 33.1 | 79.6 | 55.9 | 6.2 |
| 2251 | 455 | 443874 | 7347268 | 0.970 | 0.450 | 1.280 | 0.110 | 0.390 | 0.030 | 0.027 | 0.080 | 0.088 | 25.8 | 1.5 | 50.2 | 10.0 | 21.4 | 8.6 | 15.9 | 6.7 | 1.0 | 12.1 | 17.0 | 3.2 | 22.2 | 25.3 | 38.8 | 4.9 |
| 2251 | 456 | 442854 | 7341378 | 2.580 | 1.130 | 3.130 | 0.180 | 1.210 | 0.049 | 0.034 | 0.110 | 0.220 | 48.5 | 2.7 | 67.9 | 17.3 | 47.1 | 26.8 | 23.0 | 27.3 | 1.0 | 22.8 | 12.7 | 5.7 | 63.2 | 53.4 | 77.2 | 7.6 |
| 2251 | 457 | 445964 | 7341258 | 1.300 | 0.950 | 1.710 | 0.230 | 0.660 | 0.034 | 0.026 | 0.150 | 0.110 | 41.7 | 1.1 | 40.5 | 9.9 | 26.9 | 18.6 | 13.2 | 13.2 | 1.0 | 16.3 | 8.1 | 3.4 | 25.2 | 35.3 | 54.0 | 4.1 |
| 2251 | 458 | 447544 | 7339408 | 2.250 | 0.940 | 2.760 | 0.510 | 1.410 | 0.046 | 0.015 | 0.170 | 0.210 | 94.1 | 2.5 | 74.7 | 16.7 | 49.0 | 21.9 | 22.8 | 28.0 | 1.0 | 30.8 | 5.4 | 3.5 | 23.5 | 53.8 | 79.0 | 5.4 |
| 2251 | 459 | 448334 | 7338658 | 2.110 | 0.890 | 3.010 | 0.400 | 1.220 | 0.055 | 0.017 | 0.150 | 0.210 | 80.0 | 3.2 | 80.1 | 21.3 | 45.7 | 36.8 | 23.7 | 24.5 | 2.5 | 33.6 | 14.4 | 4.1 | 25.3 | 66.4 | 111.4 | 7.4 |
| 2251 | 460 | 446864 | 7332428 | 0.810 | 0.840 | 1.310 | 0.140 | 0.480 | 0.034 | 0.018 | 0.150 | 0.060 | 29.9 | 1.3 | 59.0 | 7.9 | 17.5 | 15.9 | 18.3 | 6.6 | 1.6 | 13.9 | 6.8 | 3.3 | 30.4 | 22.8 | 21.9 | 9.7 |
| 2251 | 461 | 456544 | 7333198 | 1.170 | 1.040 | 1.210 | 0.130 | 0.340 | 0.023 | 0.034 | 0.170 | 0.061 | 71.3 | 0.8 | 37.8 | 8.9 | 21.8 | 18.6 | 11.7 | 7.4 | 1.0 | 11.4 | 6.5 | 4.6 | 33.2 | 37.9 | 24.3 | 3.0 |
| 2251 | 462 | 457994 | 7330708 | 1.510 | 0.780 | 2.170 | 0.360 | 0.750 | 0.026 | 0.023 | 0.210 | 0.150 | 72.0 | 1.9 | 70.9 | 14.1 | 33.1 | 26.8 | 17.1 | 11.6 | 1.4 | 21.5 | 12.1 | 5.0 | 17.7 | 50.5 | 40.3 | 8.5 |
| 2251 | 463 | 460354 | 7330278 | 1.440 | 0.540 | 2.110 | 0.500 | 0.900 | 0.018 | 0.028 | 0.120 | 0.150 | 101.7 | 2.1 | 52.2 | 12.6 | 36.4 | 32.2 | 17.1 | 15.4 | 1.6 | 22.6 | 14.2 | 3.9 | 11.4 | 58.5 | 52.5 | 5.0 |
| 2251 | 464 | 461564 | 7331378 | 1.150 | 0.560 | 1.510 | 0.170 | 0.550 | 0.022 | 0.022 | 0.110 | 0.120 | 37.2 | 1.2 | 44.8 | 9.2 | 21.2 | 12.9 | 17.6 | 13.1 | 1.0 | 11.0 | 5.0 | 2.6 | 19.7 | 29.1 | 52.8 | 5.1 |
| 2251 | 465 | 458074 | 7334158 | 1.030 | 0.580 | 1.500 | 0.100 | 0.490 | 0.017 | 0.021 | 0.120 | 0.110 | 23.8 | 1.4 | 40.9 | 9.1 | 25.8 | 13.0 | 14.2 | 9.1 | 1.0 | 14.4 | 7.4 | 2.8 | 16.1 | 33.3 | 46.2 | 4.9 |
| 2251 | 466 | 456924 | 7334588 | 1.270 | 0.570 | 1.670 | 0.190 | 0.630 | 0.026 | 0.034 | 0.100 | 0.100 | 65.7 | 2.0 | 40.6 | 12.8 | 30.6 | 20.9 | 10.3 | 11.2 | 2.2 | 19.0 | 13.4 | 2.9 | 16.4 | 54.4 | 50.3 | 4.6 |
| 2251 | 467 | 465574 | 7331228 | 1.020 | 0.740 | 1.470 | 0.250 | 0.590 | 0.021 | 0.029 | 0.150 | 0.100 | 50.1 | 1.5 | 55.7 | 10.2 | 22.4 | 20.9 | 17.7 | 9.4 | 1.6 | 15.3 | 8.2 | 3.2 | 16.5 | 33.7 | 28.7 | 5.6 |
| 2251 | 468 | 464714 | 7327918 | 0.820 | 0.610 | 1.190 | 0.160 | 0.390 | 0.022 | 0.021 | 0.150 | 0.070 | 44.6 | 1.0 | 46.0 | 6.7 | 18.4 | 19.2 | 13.5 | 6.0 | 1.2 | 12.1 | 8.4 | 3.1 | 19.3 | 23.8 | 24.8 | 5.5 |
| 2251 | 469 | 465244 | 7326468 | 2.080 | 0.710 | 2.460 | 0.580 | 1.250 | 0.031 | 0.026 | 0.140 | 0.160 | 122.9 | 2.1 | 79.5 | 15.7 | 50.1 | 28.1 | 25.5 | 21.5 | 1.0 | 32.2 | 9.5 | 4.6 | 19.6 | 52.1 | 50.5 | 10.1 |
| 2251 | 470 | 470114 | 7339478 | 1.030 | 0.690 | 1.060 | 0.093 | 0.310 | 0.017 | 0.031 | 0.075 | 0.040 | 20.5 | 1.0 | 37.7 | 5.8 | 15.8 | 12.0 | 15.8 | 6.5 | 1.0 | 12.0 | 8.2 | 2.3 | 45.6 | 18.9 | 21.4 | 3.4 |
| 2251 | 471 | 468914 | 7336978 | 0.640 | 0.500 | 0.650 | 0.051 | 0.220 | 0.016 | 0.030 | 0.087 | 0.048 | 9.8 | 0.7 | 43.7 | 3.1 | 13.6 | 5.4 | 12.2 | 3.1 | 1.0 | 5.5 | 6.1 | 3.0 | 19.9 | 15.4 | 8.1 | 4.8 |
| 2251 | 472 | 466544 | 7336838 | 0.980 | 0.620 | 1.340 | 0.091 | 0.470 | 0.020 | 0.035 | 0.130 | 0.076 | 21.9 | 1.4 | 49.3 | 6.9 | 19.8 | 13.5 | 15.7 | 7.8 | 1.0 | 9.4 | 9.0 | 3.2 | 22.1 | 25.1 | 25.7 | 5.8 |
| 2251 | 473 | 466974 | 7334668 | 0.970 | 0.580 | 1.370 | 0.170 | 0.530 | 0.020 | 0.018 | 0.130 | 0.091 | 38.2 | 1.5 | 48.4 | 9.0 | 20.0 | 11.9 | 17.2 | 10.8 | 1.0 | 13.5 | 7.0 | 2.5 | 16.3 | 25.3 | 34.5 | 6.4 |
| 2251 | 474 | 465524 | 7334518 | 1.030 | 0.310 | 1.590 | 0.220 | 0.480 | 0.014 | 0.016 | 0.057 | 0.130 | 40.1 | 1.4 | 54.1 | 8.8 | 19.0 | 18.5 | 18.0 | 9.5 | 1.0 | 13.9 | 9.8 | 2.8 | 10.1 | 33.7 | 36.3 | 5.7 |
| 2251 | 475 | 470354 | 7343488 | 1.320 | 0.650 | 1.140 | 0.110 | 0.540 | 0.015 | 0.040 | 0.110 | 0.100 | 36.8 | 1.0 | 47.7 | 7.1 | 28.9 | 15.2 | 26.5 | 7.3 | 1.0 | 12.0 | 6.7 | 3.7 | 37.6 | 29.2 | 30.8 | 4.1 |
| 2251 | 476 | 471864 | 7342298 | 2.120 | 0.830 | 1.590 | 0.087 | 1.180 | 0.014 | 0.066 | 0.140 | 0.150 | 55.0 | 1.7 | 40.5 | 12.3 | 44.1 | 13.4 | 13.3 | 19.1 | 1.0 | 21.1 | 5.0 | 4.0 | 18.3 | 43.2 | 34.8 | 4.4 |
| 2251 | 477 | 473694 | 7341688 | 3.580 | 1.930 | 2.290 | 0.370 | 1.840 | 0.020 | 0.070 | 0.170 | 0.170 | 51.6 | 3.4 | 61.8 | 11.4 | 30.6 | 13.4 | 19.5 | 34.6 | 1.0 | 16.5 | 15.2 | 3.7 | 143.5 | 36.0 | 44.0 | 9.2 |
| 2251 | 478 | 477254 | 7340258 | 2.110 | 0.790 | 2.350 | 0.550 | 1.300 | 0.032 | 0.033 | 0.170 | 0.150 | 135.3 | 2.7 | 78.6 | 14.5 | 60.2 | 17.3 | 22.3 | 21.0 | 1.0 | 32.4 | 13.1 | 5.2 | 17.4 | 56.8 | 57.9 | 9.9 |
| 2251 | 479 | 464824 | 7324418 | 1.300 | 0.500 | 1.580 | 0.360 | 0.610 | 0.020 | 0.024 | 0.140 | 0.076 | 61.7 | 1.4 | 61.2 | 9.1 | 26.6 | 25.3 | 18.0 | 12.9 | 1.0 | 19.9 | 8.1 | 3.3 | 14.8 | 29.8 | 30.8 | 7.4 |
| 2251 | 480 | 472904 | 7328148 | 0.920 | 0.280 | 1.120 | 0.170 | 0.440 | 0.014 | 0.018 | 0.042 | 0.080 | 24.0 | 1.2 | 70.9 | 5.3 | 16.7 | 9.3 | 23.1 | 7.7 | 1.4 | 9.8 | 12.7 | 2.4 | 10.3 | 24.0 | 24.4 | 8.5 |
| 2251 | 481 | 474424 | 7328628 | 1.090 | 0.610 | 1.460 | 0.250 | 0.490 | 0.021 | 0.027 | 0.150 | 0.072 | 40.7 | 1.4 | 67.6 | 6.8 | 19.0 | 16.0 | 25.7 | 10.1 | 1.0 | 12.7 | 12.0 | 3.5 | 19.4 | 24.8 | 29.5 | 8.7 |
| 2251 | 482 | 477914 | 7328848 | 1.590 | 0.670 | 1.920 | 0.220 | 0.890 | 0.029 | 0.020 | 0.100 | 0.140 | 44.9 | 2.1 | 53.9 | 11.3 | 38.5 | 20.6 | 20.7 | 19.2 | 1.5 | 24.7 | 13.9 | 2.8 | 26.8 | 36.6 | 59.8 | 10.3 |
| 2251 | 483 | 478634 | 7330278 | 1.450 | 0.780 | 1.550 | 0.200 | 0.730 | 0.020 | 0.029 | 0.120 | 0.047 | 43.1 | 1.3 | 38.5 | 7.1 | 33.8 | 12.1 | 11.3 | 14.4 | 1.0 | 21.3 | 5.6 | 3.5 | 23.1 | 29.7 | 34.0 | 6.2 |
| 2251 | 484 | 477754 | 7326398 | 0.890 | 0.460 | 1.240 | 0.150 | 0.410 | 0.019 | 0.023 | 0.086 | 0.072 | 37.8 | 1.0 | 48.2 | 7.4 | 15.2 | 9.2 | 17.6 | 9.6 | 2.4 | 9.1 | 16.0 | 2.5 | 16.8 | 26.3 | 43.3 | 6.0 |
| 2251 | 485 | 476974 | 7325268 | 0.830 | 0.410 | 1.000 | 0.086 | 0.390 | 0.016 | 0.014 | 0.073 | 0.069 | 32.5 | 0.9 | 48.2 | 7.9 | 15.3 | 9.0 | 19.2 | 7.8 | 1.0 | 8.8 | 22.0 | 2.4 | 17.1 | 22.1 | 60.0 | 6.5 |
| 2251 | 486 | 470604 | 7327228 | 0.660 | 0.380 | 0.860 | 0.100 | 0.270 | 0.015 | 0.015 | 0.076 | 0.053 | 19.5 | 0.8 | 35.3 | 3.8 | 14.4 | 14.5 | 12.9 | 5.0 | 1.0 | 7.7 | 12.4 | 2.6 | 15.8 | 16.7 | 16.1 | 5.6 |
| 2251 | 487 | 475424 | 7323538 | 1.030 | 0.480 | 1.350 | 0.180 | 0.550 | 0.024 | 0.019 | 0.096 | 0.078 | 44.3 | 1.5 | 43.5 | 8.3 | 31.7 | 10.0 | 14.7 | 10.4 | 1.5 | 19.2 | 5.0 | 3.1 | 18.2 | 28.7 | 32.8 | 7.2 |
| 2251 | 488 | 473954 | 7321678 | 0.980 | 0.510 | 1.310 | 0.450 | 0.600 | 0.020 | 0.028 | 0.130 | 0.056 | 71.9 | 1.5 | 58.0 | 7.7 | 14.0 | 25.2 | 18.5 | 11.6 | 1.0 | 13.2 | 5.0 | 2.6 | 15.9 | 20.8 | 20.3 | 13.2 |
| 2251 | 489 | 476134 | 7320518 | 1.950 | 0.690 | 2.380 | 0.310 | 1.070 | 0.026 | 0.025 | 0.120 | 0.140 | 73.7 | 2.3 | 60.5 | 12.9 | 51.8 | 20.0 | 20.3 | 20.9 | 1.0 | 32.5 | 18.0 | 4.1 | 28.3 | 49.3 | 68.6 | 11.5 |
| 2251 | 490 | 473804 | 7325238 | 1.700 | 0.610 | 2.050 | 0.370 | 0.980 | 0.033 | 0.020 | 0.110 | 0.130 | 82.2 | 2.2 | 57.0 | 15.4 | 48.1 | 27.1 | 23.0 | 20.2 | 1.0 | 30.0 | 13.5 | 3.4 | 22.6 | 41.7 | 97.8 | 10.3 |
| 2251</td | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 7 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 510 | 467154 | 7342838 | 1.050 | 0.740 | 1.350 | 0.180 | 0.490 | 0.018 | 0.033 | 0.180 | 0.110 | 58.6 | 1.4 | 46.1 | 9.9 | 27.2 | 20.9 | 14.2 | 6.4 | 1.4 | 11.5 | 14.6 | 3.6 | 19.0 | 38.8 | 28.4 | 4.6 |
| 2251 | 511 | 467514 | 7343498 | 2.060 | 1.080 | 1.840 | 0.300 | 0.870 | 0.033 | 0.085 | 0.150 | 0.150 | 64.5 | 2.0 | 71.9 | 13.9 | 33.8 | 24.4 | 21.8 | 11.7 | 1.0 | 20.8 | 15.7 | 3.6 | 49.1 | 41.7 | 53.0 | 6.2 |
| 2251 | 512 | 486124 | 7335678 | 0.950 | 0.570 | 1.380 | 0.140 | 0.570 | 0.023 | 0.045 | 0.094 | 0.090 | 34.7 | 1.2 | 34.1 | 11.4 | 31.2 | 14.4 | 9.1 | 7.1 | 1.0 | 27.8 | 5.4 | 2.8 | 21.0 | 27.1 | 31.3 | 4.4 |
| 2251 | 513 | 483834 | 7336268 | 0.930 | 0.570 | 1.360 | 0.110 | 0.470 | 0.019 | 0.035 | 0.120 | 0.095 | 31.4 | 1.1 | 42.9 | 7.5 | 22.6 | 12.9 | 12.0 | 6.7 | 1.0 | 15.7 | 5.1 | 2.8 | 24.3 | 24.2 | 22.4 | 4.7 |
| 2251 | 514 | 478814 | 7338028 | 2.030 | 0.650 | 2.710 | 0.310 | 1.080 | 0.051 | 0.031 | 0.110 | 0.140 | 83.2 | 2.9 | 63.0 | 14.5 | 52.3 | 18.9 | 18.5 | 22.7 | 1.7 | 29.7 | 15.3 | 4.3 | 16.1 | 51.5 | 78.2 | 9.9 |
| 2251 | 515 | 479764 | 7337888 | 1.610 | 0.610 | 1.630 | 0.160 | 0.650 | 0.025 | 0.036 | 0.057 | 0.099 | 54.6 | 1.7 | 51.8 | 15.1 | 27.7 | 26.0 | 18.8 | 17.6 | 1.0 | 15.0 | 12.3 | 4.1 | 18.0 | 34.6 | 46.6 | 5.6 |
| 2251 | 516 | 463144 | 7332948 | 0.970 | 0.710 | 1.230 | 0.160 | 0.470 | 0.022 | 0.023 | 0.180 | 0.080 | 26.9 | 1.4 | 52.5 | 7.8 | 18.9 | 10.1 | 14.3 | 8.1 | 1.3 | 11.9 | 5.5 | 2.7 | 24.4 | 25.6 | 33.8 | 4.2 |
| 2251 | 601 | 420534 | 7309748 | 0.600 | 0.480 | 1.150 | 0.056 | 0.260 | 0.021 | 0.026 | 0.120 | 0.063 | 16.3 | 0.8 | 42.0 | 7.0 | 10.7 | 5.4 | 11.8 | 3.5 | 1.0 | 5.4 | 5.0 | 2.6 | 17.6 | 27.1 | 18.4 | 5.9 |
| 2251 | 602 | 422524 | 7312088 | 1.150 | 0.640 | 1.050 | 0.068 | 0.330 | 0.012 | 0.052 | 0.075 | 0.058 | 13.9 | 1.6 | 56.9 | 8.6 | 13.3 | 10.5 | 13.5 | 8.0 | 2.1 | 9.2 | 5.2 | 2.6 | 87.9 | 21.6 | 33.9 | 5.5 |
| 2251 | 603 | 427484 | 7314038 | 0.610 | 0.680 | 0.970 | 0.070 | 0.240 | 0.024 | 0.094 | 0.051 | 0.118 | 0.9 | 0.55 | 4.4 | 13.5 | 5.1 | 16.4 | 4.5 | 1.0 | 8.9 | 6.8 | 2.8 | 38.8 | 14.1 | 14.9 | 6.5 | |
| 2251 | 604 | 427974 | 7317128 | 1.330 | 0.630 | 1.230 | 0.120 | 0.370 | 0.018 | 0.056 | 0.049 | 0.072 | 19.8 | 1.8 | 47.7 | 7.4 | 15.1 | 11.3 | 11.6 | 9.8 | 1.3 | 12.1 | 7.2 | 2.1 | 113.8 | 18.1 | 55.6 | 7.0 |
| 2251 | 605 | 425234 | 7319008 | 0.550 | 0.260 | 0.850 | 0.082 | 0.220 | 0.015 | 0.018 | 0.051 | 0.041 | 14.9 | 0.7 | 34.1 | 4.3 | 9.5 | 6.3 | 10.6 | 6.2 | 1.0 | 7.2 | 5.0 | 1.6 | 16.0 | 12.5 | 17.8 | 5.3 |
| 2251 | 606 | 420884 | 7319968 | 0.940 | 0.480 | 1.450 | 0.170 | 0.410 | 0.037 | 0.022 | 0.120 | 0.078 | 32.1 | 1.2 | 68.8 | 10.2 | 17.8 | 13.4 | 22.3 | 8.6 | 1.0 | 13.2 | 5.3 | 2.8 | 26.7 | 21.3 | 34.2 | 9.6 |
| 2251 | 607 | 419944 | 7317868 | 1.060 | 0.520 | 1.700 | 0.180 | 0.580 | 0.047 | 0.023 | 0.076 | 0.085 | 33.0 | 1.7 | 59.2 | 11.9 | 22.7 | 13.3 | 17.2 | 12.2 | 1.1 | 19.3 | 7.0 | 2.8 | 26.3 | 25.6 | 34.3 | 11.3 |
| 2251 | 608 | 419234 | 7314808 | 2.180 | 0.930 | 2.870 | 0.160 | 1.010 | 0.037 | 0.078 | 0.110 | 0.150 | 26.6 | 3.5 | 57.0 | 22.5 | 32.8 | 24.4 | 12.1 | 23.6 | 1.5 | 31.3 | 9.5 | 4.1 | 76.6 | 56.1 | 83.6 | 6.1 |
| 2251 | 609 | 425254 | 7308778 | 1.420 | 0.550 | 2.120 | 0.210 | 0.760 | 0.062 | 0.033 | 0.097 | 0.110 | 59.5 | 2.3 | 52.1 | 16.8 | 28.5 | 17.9 | 13.3 | 11.6 | 1.1 | 29.7 | 12.7 | 2.7 | 26.5 | 37.5 | 52.3 | 8.1 |
| 2251 | 610 | 429074 | 7307198 | 0.810 | 0.310 | 1.430 | 0.120 | 0.410 | 0.021 | 0.017 | 0.053 | 0.086 | 25.1 | 1.7 | 38.2 | 8.5 | 18.7 | 10.7 | 7.3 | 6.8 | 1.5 | 12.6 | 5.0 | 2.1 | 18.0 | 25.3 | 20.5 | 7.3 |
| 2251 | 611 | 429974 | 7305508 | 1.010 | 0.420 | 1.740 | 0.150 | 0.560 | 0.042 | 0.020 | 0.062 | 0.089 | 36.7 | 1.7 | 39.5 | 11.5 | 23.5 | 18.1 | 9.7 | 12.4 | 1.0 | 21.8 | 9.4 | 2.4 | 27.0 | 26.9 | 52.9 | 8.1 |
| 2251 | 612 | 430754 | 7303548 | 0.810 | 0.390 | 1.330 | 0.140 | 0.400 | 0.028 | 0.019 | 0.085 | 0.068 | 21.6 | 1.5 | 52.4 | 9.1 | 18.9 | 12.7 | 12.7 | 8.0 | 1.5 | 15.2 | 5.3 | 2.5 | 21.6 | 20.9 | 26.7 | 7.8 |
| 2251 | 613 | 432774 | 7303838 | 1.460 | 0.310 | 1.780 | 0.310 | 0.720 | 0.017 | 0.023 | 0.050 | 0.110 | 40.8 | 1.9 | 46.7 | 9.5 | 27.6 | 18.7 | 18.5 | 13.0 | 1.0 | 15.5 | 8.3 | 3.3 | 12.5 | 36.0 | 30.1 | 10.4 |
| 2251 | 614 | 431604 | 7302948 | 1.050 | 0.320 | 1.720 | 0.170 | 0.570 | 0.022 | 0.025 | 0.056 | 0.098 | 32.9 | 1.9 | 40.3 | 10.5 | 25.7 | 9.6 | 13.0 | 12.4 | 1.4 | 20.7 | 14.5 | 2.5 | 16.6 | 25.8 | 44.4 | 6.4 |
| 2251 | 615 | 433934 | 7297998 | 1.060 | 0.390 | 1.600 | 0.170 | 0.580 | 0.024 | 0.024 | 0.074 | 0.097 | 31.1 | 1.7 | 46.4 | 10.8 | 26.0 | 10.5 | 16.0 | 10.8 | 1.0 | 15.9 | 7.4 | 3.0 | 18.1 | 26.1 | 33.3 | 7.1 |
| 2251 | 616 | 434574 | 7292848 | 1.420 | 0.440 | 2.030 | 0.200 | 0.680 | 0.030 | 0.025 | 0.080 | 0.140 | 46.5 | 1.9 | 52.0 | 12.4 | 21.5 | 12.7 | 14.4 | 14.5 | 1.0 | 13.7 | 8.3 | 2.7 | 21.8 | 42.4 | 45.5 | 8.9 |
| 2251 | 617 | 430464 | 7307178 | 0.720 | 0.280 | 1.090 | 0.130 | 0.300 | 0.013 | 0.014 | 0.074 | 0.062 | 19.8 | 0.9 | 85.8 | 4.8 | 14.1 | 6.3 | 31.8 | 6.8 | 1.0 | 8.5 | 7.5 | 2.2 | 15.0 | 17.2 | 16.6 | 7.3 |
| 2251 | 618 | 425404 | 7305808 | 0.890 | 0.290 | 1.680 | 0.140 | 0.480 | 0.030 | 0.016 | 0.058 | 0.100 | 32.4 | 1.8 | 38.5 | 11.0 | 19.7 | 10.9 | 11.3 | 8.0 | 1.0 | 15.1 | 6.1 | 2.1 | 16.4 | 27.9 | 31.8 | 7.9 |
| 2251 | 619 | 423204 | 7297288 | 2.770 | 0.350 | 3.730 | 0.045 | 2.660 | 0.050 | 0.022 | 0.071 | 0.094 | 19.4 | 2.6 | 33.5 | 26.2 | 226.6 | 27.1 | 2.5 | 23.9 | 1.0 | 80.3 | 5.7 | 5.8 | 12.3 | 80.7 | 37.8 | 3.3 |
| 2251 | 620 | 425964 | 7299338 | 1.280 | 0.410 | 1.790 | 0.160 | 0.640 | 0.030 | 0.020 | 0.079 | 0.110 | 34.0 | 1.4 | 40.3 | 11.6 | 31.4 | 14.0 | 16.1 | 14.0 | 1.0 | 22.4 | 9.4 | 2.9 | 24.0 | 30.8 | 37.1 | 9.8 |
| 2251 | 621 | 425514 | 7301768 | 1.660 | 0.830 | 2.660 | 0.160 | 0.980 | 0.047 | 0.073 | 0.170 | 0.089 | 58.9 | 2.5 | 72.7 | 15.6 | 32.7 | 16.3 | 16.7 | 13.9 | 1.0 | 32.1 | 6.7 | 5.1 | 20.0 | 62.0 | 46.5 | 3.3 |
| 2251 | 622 | 421174 | 7305778 | 1.130 | 0.410 | 1.620 | 0.140 | 0.610 | 0.025 | 0.027 | 0.061 | 0.120 | 31.0 | 1.1 | 29.6 | 13.2 | 28.3 | 11.9 | 7.7 | 9.9 | 1.0 | 19.7 | 5.0 | 2.7 | 19.3 | 31.0 | 34.7 | 6.2 |
| 2251 | 623 | 420334 | 7304788 | 1.030 | 0.350 | 1.460 | 0.270 | 0.670 | 0.017 | 0.027 | 0.017 | 0.200 | 34.7 | 1.4 | 28.3 | 11.4 | 23.0 | 7.1 | 3.7 | 7.9 | 1.3 | 16.4 | 9.0 | 1.7 | 17.6 | 42.1 | 22.1 | 4.8 |
| 2251 | 624 | 422444 | 7304718 | 0.770 | 0.490 | 1.220 | 0.079 | 0.380 | 0.015 | 0.038 | 0.100 | 0.084 | 18.0 | 1.0 | 38.8 | 5.8 | 16.3 | 6.8 | 10.2 | 5.1 | 1.3 | 7.9 | 5.6 | 3.0 | 21.8 | 27.1 | 22.1 | 5.1 |
| 2251 | 625 | 420534 | 7298028 | 2.310 | 3.620 | 2.250 | 0.170 | 0.950 | 0.040 | 0.066 | 0.080 | 0.130 | 35.2 | 2.8 | 76.3 | 15.6 | 38.1 | 21.9 | 23.3 | 14.4 | 1.4 | 29.7 | 15.0 | 3.7 | 303.2 | 35.8 | 44.6 | 13.4 |
| 2251 | 626 | 420944 | 7293808 | 1.200 | 0.760 | 1.660 | 0.190 | 0.750 | 0.043 | 0.021 | 0.077 | 0.110 | 36.7 | 2.4 | 50.2 | 11.6 | 23.2 | 17.5 | 11.3 | 14.0 | 1.5 | 18.1 | 8.0 | 2.5 | 35.0 | 29.2 | 40.3 | 8.7 |
| 2251 | 627 | 429824 | 7314058 | 1.250 | 0.240 | 1.850 | 0.390 | 0.520 | 0.024 | 0.018 | 0.072 | 0.110 | 61.8 | 1.9 | 78.3 | 11.8 | 25.2 | 12.0 | 26.2 | 13.7 | 1.5 | 13.6 | 13.8 | 2.6 | 13.3 | 30.6 | 38.4 | 8.2 |
| 2251 | 628 | 429774 | 7313758 | 1.050 | 0.290 | 1.580 | 0.320 | 0.400 | 0.022 | 0.017 | 0.085 | 0.090 | 49.3 | 1.5 | 127.2 | 7.6 | 19.7 | 11.9 | 53.5 | 11.1 | 1.0 | 12.1 | 17.2 | 2.7 | 14.2 | 23.7 | 29.0 | 7.9 |
| 2251 | 629 | 428804 | 7310728 | 0.960 | 0.290 | 1.530 | 0.160 | 0.410 | 0.019 | 0.017 | 0.064 | 0.077 | 31.8 | 1.8 | 55.3 | 6.5 | 19.8 | 9.7 | 15.8 | 9.1 | 1.7 | 10.5 | 5.0 | 2.5 | 15.6 | 24.9 | 27.6 | 8.0 |
| 2251 | 630 | 426014 | 7296618 | 1.170 | 0.370 | 1.810 | 0.120 | 0.510 | 0.023 | 0.016 | 0.060 | 0.130 | 25.2 | 1.6 | 42.9 | 13.2 | 22.0 | 15.9 | 19.0 | 13.1 | 1.0 | 20.2 | 14.8 | 2.9 | 25.5 | 26.8 | 30.7 | 10.6 |
| 2251 | 631 | 425654 | 7295548 | 1.120 | 0.340 | 1.900 | 0.110 | 0.460 | 0.069 | 0.013 | 0.049 | 0.130 | 38.5 | 1.6 | 45.5 | 11.7 | 18.6 | 15.6 | 13.0 | 12.1 | 1.0 | 13.8 | 11.8 | 2.4 | 22.8 | 26.7 | 26.6 | 9.5 |
| 2251 | 632 | 423424 | 7 | | | | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
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| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 651 | 433274 | 7312288 | 0.910 | 0.300 | 1.310 | 0.190 | 0.370 | 0.015 | 0.019 | 0.081 | 0.080 | 31.7 | 1.0 | 107.1 | 6.3 | 16.5 | 8.5 | 38.2 | 7.6 | 1.0 | 10.1 | 12.3 | 2.7 | 15.1 | 22.7 | 23.4 | 7.0 |
| 2251 | 652 | 438064 | 7299588 | 1.060 | 0.370 | 1.630 | 0.170 | 0.590 | 0.023 | 0.023 | 0.069 | 0.096 | 31.1 | 1.4 | 48.2 | 9.2 | 28.8 | 14.5 | 17.3 | 10.2 | 1.0 | 20.2 | 5.7 | 2.8 | 18.2 | 25.9 | 31.4 | 8.8 |
| 2251 | 653 | 439024 | 7300588 | 2.040 | 0.490 | 2.530 | 0.480 | 0.950 | 0.028 | 0.046 | 0.096 | 0.160 | 78.4 | 2.4 | 53.9 | 15.2 | 47.3 | 12.3 | 19.3 | 18.5 | 1.0 | 25.4 | 18.8 | 3.9 | 21.7 | 46.3 | 43.3 | 9.8 |
| 2251 | 654 | 441314 | 7301418 | 0.920 | 0.220 | 1.290 | 0.180 | 0.510 | 0.013 | 0.016 | 0.020 | 0.100 | 28.1 | 1.3 | 34.4 | 6.6 | 23.0 | 8.5 | 10.8 | 7.5 | 1.0 | 12.0 | 5.0 | 2.3 | 10.3 | 24.2 | 20.7 | 6.0 |
| 2251 | 655 | 439804 | 7298588 | 1.240 | 0.280 | 1.840 | 0.160 | 0.660 | 0.016 | 0.019 | 0.062 | 0.100 | 31.9 | 2.3 | 56.8 | 10.6 | 33.2 | 16.2 | 16.4 | 11.5 | 2.7 | 22.8 | 8.7 | 2.6 | 14.7 | 31.4 | 33.7 | 11.3 |
| 2251 | 656 | 439574 | 7298228 | 0.620 | 0.320 | 0.890 | 0.065 | 0.280 | 0.011 | 0.020 | 0.057 | 0.066 | 10.9 | 0.5 | 41.9 | 4.3 | 14.5 | 8.6 | 11.5 | 4.4 | 1.0 | 7.3 | 5.0 | 2.2 | 13.6 | 15.8 | 12.6 | 5.8 |
| 2251 | 662 | 437784 | 7326708 | 1.280 | 0.390 | 2.640 | 0.410 | 0.540 | 0.027 | 0.019 | 0.140 | 0.130 | 60.1 | 2.7 | 66.0 | 13.7 | 20.8 | 10.3 | 17.4 | 19.0 | 1.0 | 13.7 | 12.7 | 2.7 | 11.3 | 34.1 | 48.3 | 8.8 |
| 2251 | 663 | 438784 | 7326698 | 0.660 | 0.290 | 1.270 | 0.100 | 0.310 | 0.014 | 0.016 | 0.060 | 0.067 | 20.6 | 1.3 | 61.1 | 5.2 | 16.1 | 5.1 | 18.3 | 6.1 | 1.0 | 9.7 | 5.0 | 2.0 | 9.9 | 18.8 | 20.7 | 7.0 |
| 2251 | 664 | 432364 | 7323088 | 1.550 | 0.670 | 1.900 | 0.400 | 0.610 | 0.025 | 0.042 | 0.130 | 0.080 | 79.5 | 2.5 | 66.7 | 11.1 | 29.4 | 20.1 | 20.0 | 18.0 | 1.1 | 18.1 | 12.1 | 2.8 | 57.4 | 36.7 | 40.7 | 7.3 |
| 2251 | 665 | 434704 | 7330568 | 0.720 | 0.520 | 1.260 | 0.095 | 0.350 | 0.026 | 0.017 | 0.120 | 0.075 | 19.2 | 1.4 | 54.7 | 8.1 | 18.5 | 14.1 | 14.2 | 6.5 | 1.5 | 12.3 | 6.1 | 2.4 | 29.5 | 19.5 | 26.7 | 7.7 |
| 2251 | 666 | 435034 | 7329338 | 1.150 | 0.530 | 2.130 | 0.200 | 0.520 | 0.038 | 0.019 | 0.150 | 0.110 | 40.7 | 2.2 | 63.1 | 12.1 | 21.2 | 29.4 | 23.5 | 13.3 | 1.0 | 25.3 | 14.1 | 3.2 | 29.0 | 26.1 | 40.0 | 10.9 |
| 2251 | 667 | 430764 | 7329278 | 1.640 | 1.480 | 1.890 | 0.100 | 0.730 | 0.032 | 0.046 | 0.088 | 0.100 | 21.3 | 2.5 | 59.1 | 10.8 | 25.7 | 11.0 | 16.2 | 12.4 | 1.2 | 18.1 | 11.4 | 3.1 | 119.3 | 25.5 | 42.2 | 8.9 |
| 2251 | 668 | 427514 | 7328538 | 1.040 | 0.600 | 1.460 | 0.110 | 0.440 | 0.024 | 0.027 | 0.130 | 0.090 | 26.1 | 1.5 | 56.3 | 7.2 | 18.1 | 13.7 | 19.0 | 9.0 | 1.0 | 13.3 | 6.1 | 3.0 | 45.8 | 22.2 | 38.6 | 10.0 |
| 2251 | 669 | 426514 | 7328118 | 1.000 | 0.550 | 1.450 | 0.150 | 0.520 | 0.024 | 0.032 | 0.110 | 0.098 | 33.5 | 1.5 | 55.8 | 9.8 | 21.4 | 18.5 | 17.6 | 10.8 | 1.1 | 14.9 | 8.5 | 2.8 | 35.0 | 25.9 | 35.9 | 8.0 |
| 2251 | 670 | 423454 | 7325148 | 1.150 | 0.460 | 1.680 | 0.180 | 0.650 | 0.030 | 0.029 | 0.096 | 0.110 | 37.6 | 1.6 | 65.4 | 9.8 | 21.9 | 15.2 | 21.1 | 11.9 | 2.1 | 13.4 | 17.4 | 3.0 | 24.8 | 28.5 | 46.2 | 7.6 |
| 2251 | 671 | 422674 | 7324498 | 1.030 | 0.380 | 1.650 | 0.140 | 0.540 | 0.035 | 0.020 | 0.075 | 0.094 | 26.8 | 1.7 | 49.6 | 10.3 | 17.3 | 17.8 | 14.4 | 12.1 | 1.0 | 14.6 | 12.2 | 2.3 | 23.6 | 22.5 | 48.7 | 9.7 |
| 2251 | 672 | 422284 | 7324358 | 0.690 | 0.470 | 1.360 | 0.100 | 0.360 | 0.029 | 0.015 | 0.110 | 0.061 | 18.6 | 1.0 | 41.1 | 8.1 | 13.2 | 22.2 | 13.3 | 6.8 | 1.0 | 11.5 | 6.0 | 2.3 | 23.6 | 16.3 | 33.5 | 8.0 |
| 2251 | 673 | 422584 | 7323698 | 0.800 | 0.490 | 1.250 | 0.110 | 0.430 | 0.022 | 0.015 | 0.100 | 0.075 | 21.0 | 1.2 | 60.6 | 7.6 | 14.2 | 12.4 | 15.8 | 7.8 | 1.0 | 12.4 | 8.0 | 2.2 | 25.5 | 18.7 | 32.2 | 10.3 |
| 2251 | 674 | 420594 | 7321218 | 0.710 | 0.390 | 1.160 | 0.110 | 0.350 | 0.032 | 0.020 | 0.073 | 0.063 | 24.1 | 1.2 | 53.9 | 8.2 | 14.3 | 8.7 | 17.2 | 7.7 | 1.8 | 10.9 | 5.0 | 2.0 | 26.0 | 18.5 | 24.0 | 7.5 |
| 2251 | 675 | 441944 | 7347128 | 1.570 | 0.710 | 2.080 | 0.270 | 0.760 | 0.042 | 0.032 | 0.090 | 0.140 | 52.1 | 1.9 | 51.9 | 13.4 | 27.6 | 15.4 | 13.6 | 10.4 | 1.0 | 18.2 | 7.5 | 3.7 | 29.7 | 35.8 | 69.9 | 6.2 |
| 2251 | 676 | 440024 | 7345708 | 0.580 | 1.620 | 1.140 | 0.160 | 0.580 | 0.022 | 0.023 | 0.093 | 0.060 | 37.5 | 1.0 | 43.0 | 7.3 | 12.6 | 23.0 | 10.1 | 4.5 | 1.0 | 12.8 | 9.9 | 2.5 | 42.2 | 17.3 | 26.8 | 5.9 |
| 2251 | 677 | 439764 | 7343148 | 1.070 | 1.570 | 1.760 | 0.230 | 0.900 | 0.039 | 0.026 | 0.097 | 0.096 | 44.7 | 1.9 | 62.2 | 12.1 | 23.0 | 21.9 | 16.9 | 9.4 | 2.5 | 19.9 | 7.1 | 2.9 | 39.5 | 30.8 | 35.6 | 9.0 |
| 2251 | 678 | 429144 | 7339248 | 1.000 | 0.500 | 2.110 | 0.140 | 0.400 | 0.073 | 0.019 | 0.110 | 0.100 | 45.0 | 2.0 | 53.8 | 13.3 | 17.4 | 6.0 | 15.7 | 10.0 | 1.0 | 8.2 | 10.7 | 2.9 | 24.4 | 25.1 | 40.3 | 8.6 |
| 2251 | 679 | 429434 | 7339338 | 0.630 | 0.430 | 0.950 | 0.110 | 0.330 | 0.021 | 0.018 | 0.100 | 0.061 | 16.9 | 1.2 | 58.5 | 4.6 | 13.6 | 8.9 | 16.9 | 5.2 | 2.0 | 8.0 | 5.0 | 2.3 | 21.9 | 17.8 | 18.0 | 7.4 |
| 2251 | 680 | 430324 | 7341448 | 0.750 | 0.630 | 1.170 | 0.120 | 0.450 | 0.024 | 0.027 | 0.140 | 0.069 | 20.8 | 1.1 | 60.1 | 6.1 | 17.4 | 10.3 | 19.8 | 7.9 | 1.0 | 13.7 | 14.2 | 2.9 | 31.0 | 19.0 | 27.8 | 7.9 |
| 2251 | 681 | 430024 | 7343318 | 0.570 | 0.340 | 0.900 | 0.073 | 0.280 | 0.016 | 0.016 | 0.071 | 0.050 | 14.8 | 1.0 | 41.2 | 4.6 | 10.8 | 6.2 | 11.4 | 4.8 | 1.0 | 6.8 | 5.0 | 1.9 | 17.7 | 14.0 | 18.9 | 5.5 |
| 2251 | 682 | 429024 | 7344798 | 1.370 | 0.840 | 1.880 | 0.240 | 0.710 | 0.041 | 0.031 | 0.120 | 0.110 | 44.1 | 1.5 | 63.1 | 11.0 | 22.9 | 19.4 | 21.0 | 14.0 | 1.0 | 18.1 | 10.6 | 3.5 | 33.5 | 30.9 | 54.3 | 10.0 |
| 2251 | 683 | 436824 | 7321478 | 1.100 | 0.410 | 1.690 | 0.260 | 0.460 | 0.025 | 0.018 | 0.120 | 0.097 | 43.4 | 1.7 | 74.1 | 9.9 | 19.0 | 21.3 | 26.6 | 11.3 | 1.0 | 16.6 | 11.0 | 2.9 | 21.8 | 24.5 | 34.1 | 12.8 |
| 2251 | 684 | 436814 | 7323688 | 0.890 | 0.410 | 1.590 | 0.140 | 0.430 | 0.022 | 0.018 | 0.084 | 0.098 | 26.5 | 1.4 | 63.5 | 9.2 | 17.9 | 19.8 | 23.5 | 10.2 | 1.2 | 14.1 | 9.2 | 2.5 | 21.4 | 21.2 | 40.4 | 7.3 |
| 2251 | 801 | 514344 | 7433688 | 0.700 | 1.340 | 1.450 | 0.160 | 0.780 | 0.025 | 0.010 | 0.100 | 0.075 | 27.1 | 1.6 | 71.1 | 6.9 | 10.2 | 11.7 | 22.6 | 8.3 | 2.1 | 12.8 | 5.0 | 2.4 | 37.6 | 18.2 | 26.5 | 12.5 |
| 2251 | 802 | 516014 | 7437728 | 0.650 | 0.830 | 1.170 | 0.160 | 0.380 | 0.022 | 0.013 | 0.094 | 0.069 | 28.6 | 1.2 | 76.5 | 5.7 | 9.9 | 8.3 | 24.1 | 6.5 | 1.3 | 9.4 | 8.8 | 2.5 | 38.5 | 15.5 | 22.8 | 13.5 |
| 2251 | 803 | 511484 | 7436598 | 0.610 | 0.640 | 1.170 | 0.065 | 0.420 | 0.020 | 0.016 | 0.120 | 0.037 | 19.9 | 1.0 | 57.0 | 6.5 | 18.5 | 10.1 | 16.9 | 6.5 | 1.0 | 12.5 | 5.0 | 1.9 | 19.7 | 14.1 | 24.0 | 6.0 |
| 2251 | 804 | 515434 | 7443698 | 0.380 | 3.010 | 1.990 | 0.043 | 7.860 | 0.045 | 0.034 | 0.063 | 0.014 | 13.1 | 2.2 | 100.4 | 10.0 | 8.0 | 10.6 | 12.0 | 4.6 | 5.0 | 11.6 | 20.0 | 2.3 | 221.6 | 14.4 | 39.2 | 9.9 |
| 2251 | 805 | 511194 | 7440438 | 0.890 | 0.720 | 2.110 | 0.110 | 0.420 | 0.035 | 0.011 | 0.150 | 0.059 | 30.3 | 2.0 | 93.8 | 11.1 | 25.6 | 18.4 | 32.9 | 9.9 | 1.0 | 41.5 | 13.8 | 3.8 | 34.2 | 18.0 | 75.8 | 11.7 |
| 2251 | 806 | 511594 | 7441898 | 0.240 | 3.480 | 1.850 | 0.150 | 0.070 | 0.071 | 0.008 | 0.071 | 0.016 | 49.5 | 2.2 | 102.2 | 5.9 | 9.5 | 4.1 | 15.0 | 6.8 | 4.0 | 16.3 | 20.0 | 1.6 | 204.4 | 13.4 | 31.3 | 13.2 |
| 2251 | 807 | 513924 | 7440948 | 0.510 | 2.890 | 0.940 | 0.070 | 1.930 | 0.022 | 0.013 | 0.190 | 0.030 | 20.5 | 1.0 | 51.5 | 3.9 | 8.0 | 6.2 | 13.0 | 4.3 | 1.3 | 8.5 | 8.0 | 1.8 | 66.4 | 13.6 | 29.2 | 9.1 |
| 2251 | 808 | 510834 | 7454898 | 1.000 | 3.420 | 1.820 | 0.140 | 2.900 | 0.034 | 0.014 | 0.086 | 0.080 | 34.9 | 1.7 | 67.3 | 9.8 | 21.3 | 12.6 | 24.5 | 14.5 | 1.0 | 17.2 | 11.3 | 3.0 | 52.3 | 21.2 | 46.9 | 7.0 |
| 2251 | 809 | 511684 | 7453448 | 0.710 | 0.600 | 4.860 | 0.054 | 0.500 | 0.220 | 0.018 | 0.096 | 0.052 | 91.4 | 3.7 | 67.2 | 17.8 | 19.4 | 14.9 | 14.9 | 7.4 | 1.0 | 27.7 | 56.7 | 2.5 | 31.9 | 20.3 | 224.5 | 11.1 |
| 2251 | 810 | 51 | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
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| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 829 | 535964 | 7404438 | 0.970 | 0.440 | 1.890 | 0.220 | 0.550 | 0.037 | 0.007 | 0.085 | 0.092 | 44.2 | 1.9 | 71.7 | 12.2 | 12.9 | 18.0 | 25.8 | 11.4 | 1.0 | 18.7 | 5.0 | 2.3 | 25.5 | 20.1 | 40.1 | 11.0 |
| 2251 | 830 | 532034 | 7403838 | 0.820 | 0.930 | 2.590 | 0.210 | 0.490 | 0.044 | 0.004 | 0.080 | 0.093 | 34.6 | 2.2 | 74.0 | 10.2 | 13.9 | 16.4 | 23.3 | 10.4 | 1.2 | 19.5 | 17.9 | 1.4 | 69.3 | 13.4 | 73.7 | 17.6 |
| 2251 | 831 | 528704 | 7405278 | 0.990 | 0.380 | 1.380 | 0.160 | 0.370 | 0.019 | 0.007 | 0.110 | 0.096 | 40.4 | 4.5 | 117.5 | 6.3 | 7.1 | 13.2 | 125.7 | 19.8 | 14.0 | 6.8 | 18.2 | 2.8 | 18.7 | 19.2 | 101.2 | 11.5 |
| 2251 | 832 | 527394 | 7406338 | 0.580 | 0.180 | 0.750 | 0.087 | 0.130 | 0.011 | 0.005 | 0.046 | 0.054 | 15.2 | 2.5 | 157.5 | 2.7 | 4.8 | 6.0 | 82.0 | 7.5 | 8.0 | 3.4 | 7.6 | 1.9 | 11.3 | 8.6 | 44.7 | 16.2 |
| 2251 | 833 | 525744 | 7407618 | 1.660 | 0.140 | 0.620 | 0.064 | 0.074 | 0.017 | 0.006 | 0.039 | 0.047 | 13.8 | 7.3 | 119.5 | 3.3 | 3.6 | 6.7 | 121.8 | 5.1 | 6.5 | 3.7 | 16.7 | 2.3 | 8.9 | 5.1 | 35.7 | 21.2 |
| 2251 | 834 | 525444 | 7410268 | 1.430 | 0.740 | 2.390 | 0.380 | 0.650 | 0.026 | 0.065 | 0.160 | 0.094 | 56.8 | 2.5 | 100.1 | 12.5 | 20.2 | 25.7 | 38.5 | 19.0 | 1.5 | 24.8 | 12.3 | 2.8 | 49.1 | 29.2 | 59.9 | 10.9 |
| 2251 | 835 | 520954 | 7411318 | 1.470 | 0.430 | 2.130 | 0.220 | 0.310 | 0.074 | 0.036 | 0.130 | 0.110 | 33.9 | 5.4 | 145.3 | 18.5 | 11.0 | 21.7 | 66.5 | 10.9 | 26.1 | 14.4 | 47.0 | 2.5 | 17.2 | 29.4 | 64.8 | 12.9 |
| 2251 | 836 | 520114 | 7410778 | 2.900 | 1.100 | 3.420 | 0.330 | 0.520 | 0.120 | 0.070 | 0.250 | 0.120 | 79.8 | 5.5 | 250.2 | 16.9 | 26.1 | 15.5 | 104.5 | 23.7 | 2.2 | 27.0 | 26.1 | 5.7 | 111.3 | 27.2 | 191.6 | 11.9 |
| 2251 | 837 | 524054 | 7403888 | 0.550 | 0.230 | 0.730 | 0.110 | 0.240 | 0.013 | 0.006 | 0.041 | 0.083 | 19.3 | 1.8 | 82.2 | 4.6 | 7.2 | 4.7 | 42.5 | 7.9 | 6.1 | 5.4 | 8.7 | 1.8 | 15.9 | 14.3 | 23.6 | 12.1 |
| 2251 | 838 | 519344 | 7411388 | 1.020 | 0.570 | 1.610 | 0.250 | 0.610 | 0.024 | 0.038 | 0.100 | 0.120 | 44.9 | 1.7 | 92.8 | 21.2 | 29.8 | 58.5 | 25.8 | 10.1 | 1.0 | 35.3 | 10.4 | 3.3 | 16.4 | 37.1 | 62.5 | 5.3 |
| 2251 | 839 | 514964 | 7406468 | 0.300 | 0.300 | 0.720 | 0.072 | 0.093 | 0.017 | 0.004 | 0.075 | 0.051 | 10.0 | 0.8 | 101.4 | 2.2 | 2.9 | 4.8 | 37.9 | 2.9 | 3.6 | 2.0 | 5.4 | 1.6 | 20.8 | 7.0 | 13.2 | 12.3 |
| 2251 | 840 | 515044 | 7406808 | 0.380 | 0.270 | 0.760 | 0.080 | 0.100 | 0.020 | 0.005 | 0.063 | 0.069 | 13.3 | 0.8 | 115.2 | 2.7 | 2.7 | 9.5 | 56.5 | 3.1 | 2.2 | 2.0 | 11.3 | 1.6 | 20.0 | 7.1 | 15.3 | 11.1 |
| 2251 | 841 | 517024 | 7407818 | 0.400 | 0.200 | 0.500 | 0.040 | 0.047 | 0.013 | 0.004 | 0.052 | 0.041 | 8.4 | 1.0 | 76.1 | 1.9 | 2.3 | 4.0 | 81.5 | 1.9 | 1.0 | 3.2 | 5.5 | 1.3 | 15.1 | 3.7 | 12.0 | 8.2 |
| 2251 | 842 | 515844 | 7409568 | 0.450 | 0.160 | 0.740 | 0.073 | 0.081 | 0.012 | 0.007 | 0.033 | 0.073 | 11.4 | 1.0 | 87.6 | 2.6 | 2.6 | 4.5 | 48.4 | 4.4 | 4.9 | 3.6 | 12.5 | 1.4 | 13.3 | 7.6 | 13.3 | 10.5 |
| 2251 | 843 | 516584 | 7412398 | 1.390 | 0.420 | 1.990 | 0.330 | 0.520 | 0.063 | 0.024 | 0.092 | 0.110 | 67.1 | 2.0 | 103.5 | 36.8 | 20.5 | 31.4 | 41.2 | 15.4 | 1.0 | 35.5 | 11.3 | 3.2 | 27.3 | 26.1 | 107.5 | 8.9 |
| 2251 | 844 | 513744 | 7412398 | 0.310 | 0.170 | 0.460 | 0.071 | 0.086 | 0.015 | 0.007 | 0.039 | 0.080 | 8.9 | 0.8 | 80.7 | 3.4 | 4.9 | 3.7 | 41.9 | 3.5 | 3.2 | 2.3 | 15.7 | 1.3 | 8.2 | 6.5 | 14.0 | 9.4 |
| 2251 | 845 | 513594 | 7412598 | 0.260 | 0.170 | 0.430 | 0.085 | 0.110 | 0.012 | 0.005 | 0.033 | 0.059 | 7.8 | 0.7 | 73.3 | 2.7 | 7.2 | 2.5 | 30.2 | 3.2 | 4.2 | 5.1 | 5.8 | 1.1 | 9.1 | 7.3 | 13.4 | 10.9 |
| 2251 | 846 | 512654 | 7413178 | 0.220 | 0.130 | 0.410 | 0.068 | 0.074 | 0.009 | 0.006 | 0.022 | 0.087 | 6.8 | 0.6 | 48.2 | 2.4 | 2.8 | 2.4 | 20.8 | 2.7 | 2.8 | 2.0 | 9.1 | 1.0 | 6.1 | 5.9 | 9.0 | 9.6 |
| 2251 | 847 | 511624 | 7422238 | 1.070 | 0.470 | 1.460 | 0.130 | 0.370 | 0.036 | 0.012 | 0.063 | 0.081 | 44.0 | 1.4 | 56.6 | 7.7 | 25.4 | 27.6 | 18.5 | 10.6 | 1.3 | 13.3 | 7.7 | 1.9 | 20.8 | 18.5 | 45.1 | 5.2 |
| 2251 | 848 | 522304 | 7415278 | 1.250 | 0.540 | 1.910 | 0.330 | 0.630 | 0.028 | 0.045 | 0.130 | 0.110 | 66.8 | 1.7 | 54.4 | 15.8 | 23.1 | 32.0 | 15.3 | 10.4 | 1.0 | 17.0 | 5.3 | 3.6 | 15.7 | 42.1 | 49.1 | 4.3 |
| 2251 | 849 | 520754 | 7416848 | 1.950 | 0.360 | 2.890 | 0.570 | 0.800 | 0.052 | 0.030 | 0.100 | 0.140 | 73.6 | 2.9 | 211.6 | 49.6 | 31.5 | 54.8 | 67.8 | 23.2 | 2.1 | 35.4 | 9.4 | 4.5 | 13.2 | 55.2 | 69.8 | 7.7 |
| 2251 | 850 | 518174 | 7417928 | 1.390 | 0.630 | 1.880 | 0.400 | 0.740 | 0.033 | 0.009 | 0.120 | 0.130 | 50.9 | 1.7 | 68.5 | 12.8 | 39.9 | 19.6 | 19.4 | 17.0 | 1.0 | 26.5 | 14.8 | 2.6 | 19.5 | 34.1 | 43.2 | 6.0 |
| 2251 | 851 | 521984 | 7419698 | 1.430 | 0.490 | 2.130 | 0.430 | 0.690 | 0.025 | 0.016 | 0.120 | 0.130 | 51.9 | 1.8 | 112.9 | 18.3 | 26.9 | 25.8 | 46.2 | 16.7 | 1.0 | 19.9 | 6.1 | 3.4 | 15.3 | 37.9 | 44.0 | 7.0 |
| 2251 | 852 | 521014 | 7420668 | 0.980 | 0.340 | 1.710 | 0.230 | 0.450 | 0.037 | 0.016 | 0.110 | 0.092 | 43.5 | 1.4 | 62.6 | 19.3 | 17.3 | 17.7 | 19.9 | 9.9 | 1.0 | 14.3 | 5.0 | 3.0 | 10.8 | 32.3 | 36.9 | 4.5 |
| 2251 | 853 | 513214 | 7417078 | 1.460 | 0.730 | 1.850 | 0.210 | 0.650 | 0.046 | 0.055 | 0.120 | 0.110 | 56.5 | 2.1 | 71.8 | 11.5 | 32.8 | 16.4 | 24.9 | 14.0 | 1.3 | 23.9 | 7.6 | 3.7 | 25.4 | 32.6 | 65.4 | 6.3 |
| 2251 | 854 | 511494 | 7418478 | 0.510 | 0.220 | 0.850 | 0.091 | 0.140 | 0.023 | 0.008 | 0.037 | 0.066 | 30.5 | 1.0 | 80.3 | 6.1 | 7.9 | 33.5 | 25.8 | 4.7 | 1.0 | 7.5 | 7.6 | 1.5 | 17.8 | 8.5 | 50.9 | 8.7 |
| 2251 | 855 | 513844 | 7420568 | 1.080 | 0.530 | 1.820 | 0.190 | 0.610 | 0.035 | 0.026 | 0.120 | 0.100 | 56.0 | 2.2 | 64.4 | 10.3 | 32.3 | 19.6 | 25.8 | 10.9 | 2.3 | 20.9 | 5.1 | 3.1 | 18.2 | 41.9 | 57.9 | 7.6 |
| 2251 | 856 | 514064 | 7421138 | 1.130 | 1.130 | 1.980 | 0.250 | 0.790 | 0.038 | 0.040 | 0.230 | 0.072 | 72.0 | 1.9 | 73.8 | 11.1 | 36.7 | 26.3 | 24.3 | 12.6 | 1.1 | 25.8 | 6.4 | 3.4 | 49.9 | 34.7 | 46.1 | 7.1 |
| 2251 | 857 | 533004 | 7408378 | 1.170 | 0.300 | 1.800 | 0.290 | 0.570 | 0.028 | 0.011 | 0.067 | 0.093 | 55.0 | 2.0 | 79.7 | 12.1 | 15.1 | 25.4 | 29.0 | 11.5 | 2.2 | 15.5 | 11.7 | 2.6 | 18.8 | 25.3 | 37.8 | 10.1 |
| 2251 | 858 | 533004 | 7408058 | 1.170 | 0.290 | 1.860 | 0.260 | 0.550 | 0.027 | 0.008 | 0.081 | 0.093 | 29.7 | 1.6 | 89.8 | 16.4 | 17.1 | 31.7 | 38.7 | 12.4 | 1.2 | 15.7 | 10.0 | 2.7 | 14.4 | 27.0 | 46.5 | 8.6 |
| 2251 | 859 | 530414 | 7408768 | 1.230 | 0.450 | 1.900 | 0.250 | 0.550 | 0.037 | 0.016 | 0.100 | 0.100 | 63.9 | 1.4 | 73.0 | 15.0 | 16.3 | 28.0 | 27.2 | 14.2 | 1.1 | 30.5 | 9.1 | 3.1 | 24.1 | 35.8 | 83.4 | 9.1 |
| 2251 | 860 | 517534 | 7421598 | 1.320 | 0.460 | 2.540 | 0.290 | 0.600 | 0.094 | 0.013 | 0.094 | 0.130 | 57.0 | 2.9 | 80.8 | 22.7 | 26.9 | 13.7 | 22.5 | 15.7 | 1.8 | 29.6 | 6.2 | 2.2 | 19.8 | 32.1 | 60.5 | 9.9 |
| 2251 | 861 | 520554 | 7423818 | 1.350 | 0.390 | 2.640 | 0.290 | 0.590 | 0.057 | 0.027 | 0.068 | 0.130 | 61.1 | 2.6 | 54.8 | 23.0 | 23.5 | 19.0 | 14.3 | 15.5 | 1.2 | 23.9 | 11.0 | 2.8 | 15.7 | 36.6 | 52.4 | 8.3 |
| 2251 | 862 | 517634 | 7424878 | 2.130 | 0.760 | 2.670 | 0.910 | 1.470 | 0.043 | 0.015 | 0.170 | 0.150 | 184.4 | 2.2 | 83.7 | 13.1 | 66.5 | 19.1 | 28.2 | 26.7 | 1.0 | 36.3 | 7.1 | 4.7 | 19.1 | 55.2 | 65.4 | 6.1 |
| 2251 | 863 | 516474 | 7425258 | 0.760 | 0.990 | 1.450 | 0.170 | 0.570 | 0.023 | 0.035 | 0.220 | 0.094 | 54.1 | 1.5 | 54.1 | 11.3 | 31.5 | 24.6 | 18.9 | 5.8 | 2.6 | 26.0 | 5.0 | 3.0 | 30.2 | 32.9 | 26.1 | 3.9 |
| 2251 | 864 | 521994 | 7423238 | 1.160 | 0.370 | 2.010 | 0.320 | 0.530 | 0.033 | 0.025 | 0.078 | 0.110 | 56.1 | 2.0 | 63.0 | 14.5 | 30.4 | 22.9 | 18.6 | 12.6 | 1.2 | 23.4 | 11.5 | 2.9 | 14.4 | 32.7 | 37.9 | 6.9 |
| 2251 | 865 | 522924 | 7422508 | 2.300 | 0.460 | 2.510 | 0.890 | 0.970 | 0.042 | 0.013 | 0.130 | 0.150 | 63.8 | 2.7 | 187.3 | 29.9 | 45.2 | 71.8 | 59.7 | 27.4 | 1.0 | 37.5 | 5.0 | 2.8 | 11.2 | 45.6 | 54.9 | 5.9 |
| 2251 | 866 | 529094 | 7422108 | 1.790 | 0.330 | 2.780 | 0.580 | 0.940 | 0.025 | 0.021 | 0.096 | 0.140 | 104.7 | 3.0 | 80.1 | 11.7 | 41.4 | 48.6 | 22.4 | 19.8 | 5.2 | 19.5 | 21.1 | 3.4 | 12.9 | 57.7 | 64.8 | 10.4 |
| 2251 | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 10 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 2251 | 886 | 527974 | 7426448 | 2.770 | 0.710 | 2.870 | 0.900 | 1.610 | 0.032 | 0.110 | 0.110 | 0.180 | 168.0 | 3.4 | 78.5 | 19.4 | 72.2 | 31.5 | 23.2 | 23.3 | 1.0 | 44.8 | 10.4 | 7.7 | 29.6 | 65.9 | 6.5 | |
| 2251 | 887 | 534554 | 7425728 | 2.270 | 0.410 | 3.010 | 0.570 | 1.390 | 0.093 | 0.015 | 0.083 | 0.160 | 89.0 | 3.6 | 151.6 | 55.6 | 46.6 | 106.1 | 53.8 | 24.8 | 2.1 | 70.9 | 17.6 | 3.4 | 13.1 | 47.8 | 180.3 | 11.7 |
| 2251 | 888 | 535724 | 7424238 | 1.640 | 0.280 | 2.590 | 0.470 | 0.840 | 0.026 | 0.012 | 0.073 | 0.130 | 58.2 | 2.8 | 97.7 | 13.3 | 28.5 | 36.2 | 38.4 | 18.4 | 3.3 | 18.6 | 13.1 | 2.9 | 12.9 | 39.7 | 58.1 | 11.6 |
| 2251 | 889 | 536434 | 7420838 | 0.810 | 0.280 | 1.310 | 0.250 | 0.400 | 0.019 | 0.011 | 0.064 | 0.076 | 43.2 | 1.6 | 71.3 | 10.1 | 13.8 | 17.4 | 22.3 | 8.0 | 1.6 | 13.7 | 5.0 | 2.2 | 14.3 | 22.4 | 28.7 | 8.0 |
| 2251 | 890 | 537184 | 7421578 | 1.220 | 0.460 | 1.810 | 0.310 | 0.440 | 0.025 | 0.011 | 0.160 | 0.099 | 36.2 | 1.3 | 108.5 | 13.2 | 14.4 | 30.0 | 38.8 | 11.3 | 1.0 | 11.9 | 21.5 | 2.5 | 12.3 | 23.8 | 40.2 | 5.7 |
| 2251 | 891 | 539264 | 7419728 | 1.960 | 0.300 | 2.050 | 0.230 | 0.560 | 0.028 | 0.013 | 0.072 | 0.120 | 37.3 | 2.4 | 112.9 | 22.9 | 20.7 | 75.2 | 44.4 | 16.3 | 1.2 | 30.3 | 13.6 | 2.9 | 16.1 | 32.3 | 67.8 | 7.1 |
| 2251 | 892 | 539314 | 7423528 | 2.040 | 0.530 | 3.250 | 0.430 | 1.630 | 0.046 | 0.010 | 0.077 | 0.150 | 57.2 | 3.6 | 89.5 | 24.0 | 47.3 | 45.7 | 28.9 | 21.4 | 3.0 | 49.5 | 14.7 | 4.1 | 16.2 | 53.1 | 97.3 | 15.9 |
| 2251 | 893 | 540984 | 7423358 | 1.710 | 0.300 | 3.400 | 0.160 | 1.350 | 0.043 | 0.007 | 0.064 | 0.070 | 20.8 | 3.2 | 80.8 | 17.3 | 31.8 | 32.7 | 25.8 | 17.7 | 1.7 | 45.4 | 11.7 | 2.1 | 13.4 | 27.5 | 78.1 | 16.1 |
| 2251 | 894 | 543004 | 7422778 | 1.630 | 0.400 | 3.130 | 0.120 | 1.130 | 0.048 | 0.004 | 0.110 | 0.091 | 22.8 | 2.4 | 80.7 | 14.6 | 33.3 | 42.2 | 23.6 | 15.8 | 1.8 | 44.7 | 13.9 | 2.5 | 20.8 | 27.3 | 66.3 | 14.5 |
| 2251 | 895 | 543584 | 7426488 | 2.710 | 0.780 | 5.310 | 0.930 | 1.480 | 0.057 | 0.008 | 0.190 | 0.240 | 223.7 | 5.5 | 34.8 | 22.2 | 6.6 | 16.8 | 2.5 | 37.1 | 1.0 | 5.8 | 10.2 | 5.9 | 40.6 | 140.3 | 89.8 | 3.1 |
| 2251 | 896 | 543874 | 7427998 | 0.860 | 0.310 | 1.660 | 0.088 | 0.450 | 0.058 | 0.007 | 0.110 | 0.054 | 20.2 | 1.6 | 69.6 | 10.4 | 11.6 | 14.0 | 25.8 | 12.3 | 1.5 | 15.1 | 24.8 | 1.5 | 17.3 | 15.4 | 52.1 | 7.8 |
| 2251 | 897 | 546974 | 7427998 | 2.300 | 0.390 | 3.290 | 0.130 | 2.170 | 0.093 | 0.002 | 0.110 | 0.100 | 20.2 | 2.6 | 60.7 | 22.6 | 91.4 | 27.2 | 14.6 | 24.0 | 1.0 | 67.7 | 11.4 | 3.2 | 13.8 | 39.2 | 82.1 | 10.1 |
| 2251 | 898 | 523444 | 7428958 | 0.940 | 0.690 | 1.960 | 0.190 | 0.530 | 0.032 | 0.018 | 0.220 | 0.110 | 34.5 | 1.6 | 85.3 | 11.7 | 19.3 | 13.5 | 28.0 | 9.2 | 1.2 | 14.4 | 11.8 | 3.6 | 46.0 | 27.7 | 46.3 | 9.9 |
| 2251 | 899 | 522374 | 7428528 | 1.830 | 0.810 | 1.830 | 0.460 | 0.880 | 0.020 | 0.084 | 0.180 | 0.140 | 104.9 | 2.2 | 63.2 | 10.8 | 45.5 | 14.9 | 14.9 | 12.7 | 1.9 | 21.6 | 6.7 | 5.1 | 23.0 | 49.2 | 42.2 | 5.2 |
| 2251 | 900 | 520534 | 7428378 | 1.120 | 0.620 | 1.750 | 0.240 | 0.620 | 0.023 | 0.053 | 0.150 | 0.110 | 61.9 | 1.6 | 45.4 | 9.6 | 41.7 | 60.8 | 10.2 | 9.5 | 1.4 | 17.6 | 23.8 | 3.6 | 12.7 | 36.1 | 125.8 | 3.9 |
| 2251 | 901 | 544264 | 7428868 | 1.360 | 0.380 | 2.240 | 0.150 | 0.900 | 0.050 | 0.005 | 0.110 | 0.083 | 30.4 | 2.0 | 72.3 | 12.0 | 29.8 | 24.8 | 23.0 | 13.2 | 1.0 | 29.8 | 10.9 | 2.5 | 18.8 | 25.9 | 49.7 | 10.9 |
| 2251 | 902 | 540324 | 7428898 | 1.310 | 0.400 | 3.990 | 0.170 | 0.720 | 0.200 | 0.006 | 0.080 | 0.094 | 70.2 | 3.2 | 91.8 | 23.7 | 23.3 | 23.9 | 37.9 | 16.8 | 3.2 | 54.8 | 15.3 | 3.3 | 18.0 | 29.9 | 80.5 | 14.5 |
| 2251 | 903 | 547784 | 7430768 | 1.230 | 0.340 | 2.360 | 0.150 | 0.660 | 0.062 | 0.004 | 0.120 | 0.079 | 35.1 | 2.0 | 77.4 | 14.0 | 17.4 | 22.5 | 28.8 | 14.6 | 1.0 | 19.8 | 18.4 | 1.8 | 22.1 | 20.1 | 64.1 | 12.1 |
| 2251 | 904 | 512564 | 7425938 | 0.790 | 5.620 | 1.320 | 0.230 | 3.400 | 0.032 | 0.018 | 0.100 | 0.066 | 87.1 | 2.0 | 140.0 | 10.1 | 39.6 | 14.0 | 22.6 | 12.4 | 8.1 | 32.4 | 20.0 | 3.5 | 81.0 | 32.0 | 43.0 | 14.2 |
| 2251 | 905 | 512924 | 7428818 | 0.580 | 4.800 | 1.180 | 0.160 | 2.990 | 0.031 | 0.013 | 0.120 | 0.051 | 40.4 | 1.8 | 112.7 | 9.5 | 32.9 | 13.7 | 22.6 | 8.0 | 6.4 | 18.6 | 27.1 | 2.4 | 62.4 | 24.3 | 32.8 | 11.3 |
| 2251 | 906 | 525234 | 7418168 | 1.430 | 0.410 | 2.170 | 0.440 | 0.690 | 0.018 | 0.021 | 0.130 | 0.120 | 61.1 | 2.3 | 93.6 | 10.2 | 25.9 | 25.7 | 33.6 | 13.0 | 3.4 | 13.9 | 5.0 | 3.9 | 12.6 | 44.6 | 38.2 | 8.0 |
| 2251 | 907 | 527944 | 7416828 | 1.420 | 0.370 | 2.650 | 0.260 | 0.620 | 0.047 | 0.024 | 0.110 | 0.120 | 61.7 | 2.3 | 100.3 | 20.9 | 17.4 | 22.6 | 42.5 | 15.5 | 1.8 | 17.2 | 9.2 | 3.2 | 17.2 | 36.0 | 53.0 | 10.5 |
| 2251 | 908 | 528994 | 7415768 | 1.250 | 0.580 | 1.990 | 0.300 | 0.700 | 0.034 | 0.036 | 0.160 | 0.110 | 81.6 | 2.1 | 83.9 | 17.6 | 15.5 | 31.2 | 27.9 | 12.7 | 1.5 | 15.5 | 7.0 | 3.8 | 14.9 | 47.3 | 47.5 | 8.2 |
| 2251 | 909 | 529414 | 7416138 | 1.250 | 0.320 | 2.030 | 0.220 | 0.510 | 0.032 | 0.010 | 0.089 | 0.097 | 43.3 | 1.8 | 67.4 | 12.4 | 15.2 | 20.0 | 27.9 | 13.6 | 1.7 | 11.9 | 5.0 | 2.7 | 17.6 | 28.1 | 41.4 | 10.5 |
| 2251 | 910 | 529754 | 7414508 | 1.080 | 0.340 | 1.810 | 0.200 | 0.570 | 0.035 | 0.011 | 0.065 | 0.085 | 52.9 | 1.4 | 47.8 | 11.3 | 22.5 | 14.4 | 14.9 | 17.1 | 1.0 | 18.4 | 6.0 | 2.5 | 11.9 | 29.1 | 38.8 | 6.3 |
| 2251 | 1001 | 547974 | 7444908 | 1.680 | 0.420 | 2.470 | 0.220 | 1.210 | 0.045 | 0.011 | 0.078 | 0.130 | 46.1 | 2.5 | 58.4 | 15.7 | 47.5 | 117.9 | 16.2 | 15.6 | 1.0 | 36.2 | 57.3 | 3.3 | 12.3 | 40.6 | 138.1 | 9.7 |
| 2251 | 1002 | 546434 | 7447058 | 1.930 | 0.370 | 3.240 | 0.390 | 1.380 | 0.030 | 0.029 | 0.082 | 0.150 | 63.0 | 3.1 | 60.1 | 16.1 | 49.4 | 981.6 | 11.7 | 14.8 | 3.7 | 25.7 | 48.2 | 3.9 | 17.5 | 51.0 | 149.5 | 8.4 |
| 2251 | 1003 | 546684 | 7447088 | 1.830 | 0.670 | 1.730 | 0.200 | 0.960 | 0.023 | 0.120 | 0.043 | 0.110 | 40.2 | 1.8 | 35.8 | 14.2 | 28.7 | 142.3 | 7.7 | 7.9 | 1.2 | 29.7 | 18.9 | 2.8 | 27.1 | 34.6 | 45.0 | 4.5 |
| 2251 | 1004 | 543434 | 7448928 | 1.980 | 0.730 | 2.670 | 0.310 | 0.960 | 0.046 | 0.069 | 0.097 | 0.180 | 56.8 | 2.4 | 53.2 | 23.5 | 34.4 | 123.5 | 15.3 | 18.3 | 1.0 | 34.5 | 27.4 | 3.3 | 27.1 | 50.2 | 109.9 | 6.6 |
| 2251 | 1005 | 544054 | 7450398 | 1.590 | 0.510 | 2.200 | 0.250 | 0.800 | 0.025 | 0.036 | 0.100 | 0.130 | 39.8 | 2.2 | 62.0 | 20.0 | 30.9 | 97.1 | 20.4 | 16.3 | 1.0 | 26.2 | 45.5 | 4.0 | 13.0 | 54.0 | 77.8 | 5.8 |
| 2251 | 1006 | 540114 | 7450198 | 1.880 | 0.590 | 2.490 | 0.410 | 1.140 | 0.031 | 0.019 | 0.110 | 0.120 | 70.6 | 2.3 | 83.8 | 14.5 | 60.9 | 81.5 | 25.4 | 20.9 | 1.0 | 46.7 | 15.5 | 5.2 | 18.7 | 44.2 | 71.7 | 8.8 |
| 2251 | 1007 | 537664 | 7450888 | 1.050 | 0.520 | 1.540 | 0.210 | 0.670 | 0.028 | 0.026 | 0.099 | 0.120 | 50.7 | 1.5 | 37.1 | 12.5 | 30.3 | 95.4 | 9.0 | 9.8 | 1.0 | 16.0 | 18.7 | 3.1 | 13.4 | 37.0 | 70.8 | 3.2 |
| 2251 | 1008 | 535804 | 7451288 | 1.220 | 0.560 | 1.900 | 0.270 | 0.770 | 0.021 | 0.015 | 0.120 | 0.150 | 80.7 | 2.0 | 41.5 | 11.6 | 32.8 | 35.1 | 8.8 | 11.4 | 2.2 | 12.0 | 5.0 | 3.2 | 14.5 | 42.0 | 44.1 | 3.4 |
| 2251 | 1009 | 532284 | 7450278 | 1.800 | 0.600 | 2.200 | 0.480 | 1.090 | 0.027 | 0.031 | 0.130 | 0.160 | 101.8 | 2.5 | 60.0 | 14.8 | 64.6 | 21.3 | 18.0 | 16.6 | 2.0 | 32.5 | 14.0 | 4.9 | 15.5 | 55.0 | 54.2 | 6.0 |
| 2251 | 1010 | 531864 | 7450498 | 1.220 | 0.500 | 1.550 | 0.380 | 0.690 | 0.019 | 0.032 | 0.088 | 0.120 | 73.4 | 1.3 | 33.6 | 9.1 | 42.6 | 15.7 | 8.8 | 9.8 | 1.0 | 15.5 | 7.8 | 3.5 | 13.1 | 38.3 | 32.3 | 2.9 |
| 2251 | 1011 | 531724 | 7451788 | 2.150 | 1.680 | 2.970 | 0.700 | 1.190 | 0.043 | 0.059 | 0.640 | 0.130 | 233.3 | 3.1 | 105.3 | 17.1 | 50.5 | 69.3 | 27.0 | 14.6 | 2.0 | 27.3 | 15.1 | 6.9 | 52.4 | 61.9 | 114.0 | 5.1 |
| 2251 | 1012 | 531324 | 7455458 | 1.460 | 1.290 | 2.390 | 0.310 | 0.860 | 0.036 | 0.043 | 0.390 | 0.160 | 106.6 | 2.4 | 65.3 | 22.0 | 50.3 | 56.2 | 17.0 | 19.5 | 2.3 | 40.8 | 10.0 | 4.7 | 21.7 | 61.8 | 60.9 | 3.9 |
| 2251 | 1013 | 539894 | 7452358 | 1.660 | 0.610 | 2.540 | 0.390 | 0.970 | 0.033 | 0.040 | 0.098 | 0.160 | 76.3 | 2.0 | 49.4 | 20.7 | 32.7 | 68.1 | 17.8 | 18.1 | 1.0 | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
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| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 1033 | 557684 | 7453628 | 2.410 | 1.180 | 1.820 | 0.130 | 2.270 | 0.024 | 0.240 | 0.037 | 0.053 | 31.0 | 1.7 | 23.3 | 19.1 | 16.7 | 46.2 | 3.0 | 5.1 | 1.2 | 72.2 | 9.2 | 2.3 | 48.8 | 27.7 | 22.3 | 2.5 |
| 2251 | 1034 | 559384 | 7453008 | 1.640 | 0.600 | 1.690 | 0.100 | 0.770 | 0.015 | 0.110 | 0.039 | 0.074 | 36.4 | 1.5 | 34.9 | 13.5 | 20.0 | 69.8 | 3.9 | 5.8 | 1.3 | 20.6 | 5.3 | 4.8 | 22.1 | 57.5 | 26.1 | 3.4 |
| 2251 | 1035 | 559064 | 7454678 | 1.750 | 0.560 | 2.170 | 0.240 | 1.060 | 0.035 | 0.085 | 0.069 | 0.090 | 73.8 | 2.3 | 55.7 | 18.8 | 43.4 | 44.8 | 13.2 | 7.8 | 1.4 | 35.7 | 17.9 | 4.7 | 20.0 | 52.3 | 66.9 | 6.6 |
| 2251 | 1036 | 558064 | 7457478 | 1.870 | 0.180 | 2.920 | 0.520 | 1.110 | 0.034 | 0.019 | 0.060 | 0.110 | 79.2 | 3.0 | 74.6 | 22.5 | 29.8 | 53.4 | 21.7 | 16.4 | 2.6 | 21.5 | 16.6 | 5.4 | 5.7 | 62.5 | 64.8 | 8.9 |
| 2251 | 1037 | 554754 | 7456798 | 2.070 | 0.320 | 2.880 | 0.560 | 1.250 | 0.036 | 0.024 | 0.064 | 0.170 | 123.9 | 3.3 | 69.8 | 20.4 | 34.2 | 43.8 | 23.8 | 24.2 | 1.7 | 18.6 | 30.4 | 5.5 | 7.9 | 70.9 | 77.0 | 6.4 |
| 2251 | 1038 | 553914 | 7456578 | 2.300 | 0.290 | 3.120 | 0.800 | 1.300 | 0.037 | 0.037 | 0.082 | 0.180 | 136.5 | 2.5 | 74.9 | 22.4 | 38.7 | 67.2 | 27.5 | 26.7 | 1.3 | 22.7 | 22.1 | 6.0 | 8.1 | 78.0 | 74.6 | 6.2 |
| 2251 | 1039 | 553884 | 7454368 | 5.050 | 2.460 | 2.050 | 0.040 | 3.710 | 0.025 | 0.560 | 0.006 | 0.011 | 23.5 | 1.8 | 13.5 | 25.7 | 10.1 | 87.1 | 1.0 | 3.5 | 1.0 | 143.5 | 8.5 | 0.7 | 153.3 | 7.8 | 7.7 | 1.2 |
| 2251 | 1040 | 552964 | 7449848 | 1.490 | 0.760 | 0.940 | 0.038 | 0.730 | 0.011 | 0.180 | 0.006 | 0.034 | 12.6 | 0.9 | 14.0 | 9.6 | 13.6 | 13.9 | 1.0 | 2.1 | 1.0 | 16.9 | 12.3 | 1.1 | 42.6 | 11.4 | 7.1 | 2.8 |
| 2251 | 1041 | 549774 | 7431988 | 1.150 | 0.360 | 3.630 | 0.120 | 0.660 | 0.099 | 0.007 | 0.110 | 0.053 | 31.1 | 3.1 | 84.5 | 20.3 | 19.2 | 46.2 | 28.5 | 15.7 | 1.6 | 45.1 | 25.8 | 2.1 | 22.4 | 22.6 | 100.5 | 17.5 |
| 2251 | 1042 | 551714 | 7432288 | 1.930 | 0.350 | 4.470 | 0.120 | 1.230 | 0.110 | 0.004 | 0.180 | 0.048 | 21.7 | 3.7 | 82.2 | 26.6 | 37.0 | 53.7 | 23.3 | 24.1 | 2.5 | 53.4 | 45.5 | 3.1 | 22.3 | 42.6 | 118.2 | 24.5 |
| 2251 | 1043 | 550664 | 7434658 | 1.630 | 0.190 | 3.650 | 0.120 | 0.850 | 0.120 | 0.005 | 0.087 | 0.046 | 18.6 | 2.5 | 86.0 | 20.1 | 22.2 | 39.4 | 28.5 | 23.2 | 1.0 | 35.5 | 75.1 | 1.9 | 11.6 | 21.8 | 92.8 | 25.3 |
| 2251 | 1044 | 550564 | 7434978 | 1.610 | 0.460 | 3.350 | 0.150 | 0.960 | 0.100 | 0.006 | 0.180 | 0.073 | 37.8 | 3.1 | 76.4 | 21.9 | 27.4 | 38.6 | 23.5 | 19.5 | 1.0 | 36.5 | 45.4 | 3.0 | 27.8 | 35.3 | 94.0 | 20.7 |
| 2251 | 1045 | 547974 | 7434288 | 1.540 | 0.270 | 2.840 | 0.180 | 0.790 | 0.097 | 0.004 | 0.097 | 0.073 | 26.6 | 2.4 | 78.2 | 15.6 | 17.9 | 27.3 | 25.3 | 20.4 | 1.0 | 32.4 | 20.3 | 1.6 | 15.1 | 20.6 | 96.6 | 18.8 |
| 2251 | 1046 | 547424 | 7437608 | 2.060 | 0.440 | 3.940 | 0.200 | 1.490 | 0.076 | 0.005 | 0.150 | 0.084 | 25.6 | 3.0 | 95.1 | 19.9 | 29.4 | 39.9 | 24.8 | 9.5 | 1.5 | 30.1 | 11.5 | 3.9 | 17.8 | 42.9 | 84.3 | 15.1 |
| 2251 | 1047 | 548014 | 7438128 | 1.950 | 0.450 | 3.180 | 0.150 | 1.260 | 0.085 | 0.008 | 0.140 | 0.093 | 34.6 | 3.0 | 82.7 | 17.1 | 27.7 | 39.5 | 27.7 | 11.3 | 1.0 | 34.1 | 35.9 | 3.1 | 18.6 | 30.7 | 94.2 | 16.7 |
| 2251 | 1048 | 544694 | 7436898 | 1.480 | 0.580 | 3.680 | 0.280 | 0.770 | 0.052 | 0.011 | 0.091 | 0.240 | 78.7 | 4.1 | 67.3 | 18.9 | 22.2 | 12.4 | 10.9 | 13.9 | 4.3 | 16.3 | 7.4 | 2.8 | 26.6 | 49.6 | 93.6 | 9.4 |
| 2251 | 1049 | 545264 | 7434038 | 1.890 | 0.820 | 3.330 | 0.270 | 1.290 | 0.120 | 0.023 | 0.095 | 0.340 | 118.2 | 3.7 | 46.4 | 25.6 | 26.3 | 6.6 | 13.6 | 2.0 | 29.0 | 9.9 | 3.4 | 26.8 | 61.1 | 76.3 | 8.5 | |
| 2251 | 1050 | 542924 | 7441898 | 2.450 | 0.700 | 3.000 | 0.700 | 1.770 | 0.074 | 0.110 | 0.170 | 124.6 | 3.2 | 83.1 | 17.1 | 75.9 | 21.3 | 23.3 | 27.7 | 1.0 | 44.7 | 13.2 | 3.3 | 15.1 | 52.9 | 86.7 | 9.0 | |
| 2251 | 1051 | 542854 | 7439558 | 1.850 | 0.480 | 2.630 | 0.530 | 1.220 | 0.074 | 0.041 | 0.085 | 0.150 | 118.9 | 2.7 | 87.0 | 24.3 | 103.9 | 131.3 | 27.4 | 19.7 | 1.5 | 51.8 | 19.3 | 3.5 | 16.4 | 46.9 | 138.2 | 10.2 |
| 2251 | 1052 | 542054 | 7437138 | 1.720 | 0.570 | 2.910 | 0.330 | 0.990 | 0.082 | 0.017 | 0.110 | 0.160 | 82.0 | 3.0 | 82.6 | 17.4 | 39.8 | 21.9 | 25.7 | 17.7 | 3.2 | 30.0 | 9.7 | 3.0 | 24.2 | 40.0 | 60.4 | 15.4 |
| 2251 | 1053 | 539754 | 7437738 | 2.840 | 0.650 | 3.490 | 0.770 | 2.190 | 0.078 | 0.022 | 0.078 | 0.220 | 161.8 | 3.7 | 83.2 | 20.5 | 84.2 | 26.0 | 22.8 | 31.4 | 1.0 | 54.6 | 15.8 | 2.9 | 14.9 | 59.4 | 87.6 | 8.1 |
| 2251 | 1054 | 542414 | 7435618 | 2.280 | 0.610 | 2.950 | 0.600 | 1.690 | 0.057 | 0.022 | 0.080 | 0.160 | 110.0 | 2.9 | 90.8 | 17.7 | 56.8 | 70.0 | 26.6 | 25.1 | 1.0 | 37.9 | 10.8 | 3.5 | 17.5 | 50.4 | 140.1 | 14.3 |
| 2251 | 1055 | 546394 | 7440588 | 1.020 | 0.350 | 2.140 | 0.120 | 0.610 | 0.065 | 0.013 | 0.052 | 0.120 | 47.8 | 2.0 | 29.4 | 30.0 | 30.0 | 17.7 | 5.3 | 10.0 | 2.0 | 26.3 | 18.6 | 2.9 | 11.1 | 37.6 | 64.1 | 4.1 |
| 2251 | 1056 | 543974 | 7434168 | 1.570 | 0.750 | 3.870 | 0.200 | 0.960 | 0.190 | 0.015 | 0.160 | 0.190 | 88.0 | 3.5 | 88.5 | 25.1 | 29.4 | 42.2 | 27.3 | 13.9 | 1.6 | 35.1 | 18.2 | 2.7 | 38.2 | 39.3 | 81.7 | 16.3 |
| 2251 | 1057 | 541954 | 7432448 | 2.230 | 0.480 | 3.010 | 0.540 | 1.490 | 0.045 | 0.032 | 0.076 | 0.150 | 82.5 | 2.5 | 77.1 | 14.5 | 46.7 | 24.6 | 33.0 | 26.5 | 1.4 | 31.1 | 10.9 | 3.0 | 18.8 | 46.0 | 76.5 | 14.8 |
| 2251 | 1058 | 543484 | 7448478 | 2.620 | 0.450 | 3.060 | 1.350 | 2.090 | 0.043 | 0.220 | 0.067 | 0.210 | 225.9 | 3.0 | 68.4 | 19.9 | 68.2 | 20.6 | 22.0 | 41.5 | 1.0 | 43.8 | 9.5 | 4.1 | 11.2 | 59.0 | 97.3 | 6.0 |
| 2251 | 1059 | 532934 | 7446538 | 2.070 | 0.580 | 2.700 | 0.750 | 1.410 | 0.033 | 0.080 | 0.110 | 0.150 | 89.2 | 2.2 | 63.3 | 14.6 | 54.5 | 20.1 | 22.5 | 41.0 | 1.0 | 31.1 | 20.9 | 2.9 | 16.3 | 41.4 | 74.7 | 6.1 |
| 2251 | 1060 | 535444 | 7446008 | 1.990 | 0.570 | 2.720 | 0.420 | 0.940 | 0.041 | 0.030 | 0.150 | 0.200 | 61.2 | 3.2 | 80.6 | 20.7 | 16.5 | 14.5 | 45.6 | 47.4 | 1.0 | 11.0 | 29.9 | 2.2 | 14.0 | 32.8 | 79.3 | 5.6 |
| 2251 | 1061 | 537304 | 7444048 | 1.980 | 0.490 | 2.570 | 0.360 | 1.020 | 0.024 | 0.018 | 0.083 | 0.220 | 55.9 | 3.0 | 76.7 | 16.3 | 34.3 | 13.2 | 48.9 | 38.6 | 2.7 | 20.5 | 18.1 | 2.2 | 16.5 | 40.0 | 62.3 | 7.9 |
| 2251 | 1062 | 539854 | 7446048 | 0.940 | 1.670 | 1.920 | 0.170 | 0.900 | 0.024 | 0.022 | 0.340 | 0.060 | 78.6 | 2.2 | 92.6 | 12.5 | 22.6 | 18.1 | 34.6 | 8.3 | 2.6 | 21.7 | 18.6 | 4.5 | 30.7 | 32.5 | 95.0 | 13.2 |
| 2251 | 1063 | 540874 | 7445458 | 2.740 | 0.670 | 3.450 | 0.770 | 2.080 | 0.052 | 0.054 | 0.087 | 0.190 | 140.8 | 3.6 | 90.4 | 19.0 | 77.0 | 25.2 | 25.3 | 29.4 | 1.3 | 49.5 | 15.9 | 3.1 | 16.6 | 54.3 | 99.9 | 11.6 |
| 2251 | 1064 | 541374 | 7445948 | 1.990 | 0.540 | 2.450 | 0.530 | 1.350 | 0.041 | 0.034 | 0.089 | 0.140 | 94.0 | 2.5 | 81.0 | 14.8 | 63.7 | 20.7 | 24.9 | 27.5 | 1.0 | 40.6 | 7.4 | 3.0 | 12.2 | 39.9 | 64.3 | 8.3 |
| 2251 | 1065 | 538584 | 7448318 | 3.030 | 0.650 | 3.330 | 1.270 | 2.340 | 0.048 | 0.021 | 0.091 | 0.260 | 224.1 | 3.5 | 80.7 | 21.3 | 73.1 | 25.6 | 29.0 | 48.9 | 1.0 | 52.2 | 12.2 | 3.0 | 16.9 | 55.9 | 96.1 | 7.3 |
| 2251 | 1066 | 540274 | 7447918 | 2.930 | 0.590 | 3.620 | 1.020 | 2.200 | 0.050 | 0.024 | 0.095 | 0.230 | 177.3 | 3.8 | 88.6 | 21.4 | 80.3 | 33.6 | 23.4 | 37.8 | 1.7 | 54.9 | 8.9 | 3.3 | 13.9 | 59.7 | 99.7 | 9.1 |
| 2251 | 1067 | 555274 | 7440748 | 1.220 | 0.260 | 2.920 | 0.150 | 0.810 | 0.063 | 0.027 | 0.062 | 0.099 | 34.9 | 2.4 | 63.1 | 17.9 | 21.3 | 44.3 | 19.0 | 20.8 | 1.4 | 52.1 | 113.3 | 2.0 | 11.7 | 21.9 | 83.7 | 14.5 |
| 2251 | 1068 | 558454 | 7440648 | 1.100 | 0.300 | 2.200 | 0.170 | 0.670 | 0.036 | 0.008 | 0.073 | 0.083 | 31.2 | 1.8 | 69.2 | 12.0 | 17.2 | 31.4 | 24.2 | 9.8 | 1.0 | 20.8 | 41.6 | 2.0 | 20.8 | 18.4 | 79.2 | 14.4 |
| 2251 | 1069 | 559614 | 7438018 | 1.150 | 0.360 | 2.690 | 0.150 | 0.680 | 0.060 | 0.012 | 0.082 | 0.095 | 33.5 | 2.1 | 65.9 | 16.7 | 21.0 | 32.3 | 18.9 | 12.1 | 1.6 | 43.6 | 40.1 | 2.5 | 22.2 | 24.4 | 75.3 | 16.9 |
| 2251 | 1070 | 554364 | 7436848 | 1.010 | 0.290 | 2.410 | 0.110 | 0.560 | 0.058 | 0.010 | 0.067 | 0.24.9 | 1.9 | 67.5 | 15.4 | 16.9 | 16.9 | 37.3 | 20.8 | 1 | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
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| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 1090 | 523704 | 7445038 | 1.370 | 0.580 | 1.660 | 0.270 | 0.710 | 0.019 | 0.022 | 0.130 | 0.130 | 53.3 | 1.5 | 50.8 | 13.1 | 38.3 | 10.9 | 15.6 | 17.0 | 1.0 | 19.1 | 5.0 | 3.1 | 19.1 | 30.4 | 33.8 | 4.9 |
| 2251 | 1091 | 521864 | 7445478 | 2.220 | 0.660 | 2.330 | 1.040 | 1.540 | 0.031 | 0.052 | 0.150 | 0.180 | 213.7 | 1.8 | 82.3 | 12.3 | 73.2 | 17.4 | 25.9 | 23.9 | 1.0 | 41.0 | 5.0 | 6.3 | 16.0 | 57.5 | 46.8 | 6.8 |
| 2251 | 1092 | 524264 | 7439008 | 1.280 | 0.800 | 2.090 | 0.430 | 0.740 | 0.029 | 0.120 | 0.260 | 0.062 | 69.3 | 2.3 | 80.0 | 12.4 | 31.6 | 18.4 | 26.2 | 15.8 | 1.1 | 22.6 | 6.8 | 3.7 | 19.6 | 40.0 | 97.8 | 4.6 |
| 2251 | 1093 | 523924 | 7438958 | 1.090 | 0.800 | 1.760 | 0.260 | 0.620 | 0.023 | 0.041 | 0.260 | 0.099 | 54.4 | 1.6 | 71.4 | 10.3 | 24.5 | 15.7 | 22.7 | 10.7 | 1.2 | 15.8 | 8.9 | 3.8 | 21.2 | 35.2 | 47.4 | 3.8 |
| 2251 | 1094 | 523054 | 7439538 | 0.820 | 0.390 | 1.110 | 0.200 | 0.520 | 0.016 | 0.069 | 0.090 | 0.084 | 44.5 | 0.9 | 32.6 | 6.5 | 33.5 | 10.2 | 8.4 | 7.5 | 1.0 | 13.0 | 5.0 | 3.0 | 8.9 | 28.0 | 28.6 | 2.9 |
| 2251 | 1095 | 522804 | 7442428 | 1.000 | 0.530 | 1.490 | 0.230 | 0.480 | 0.023 | 0.017 | 0.100 | 0.120 | 51.9 | 1.3 | 40.3 | 9.9 | 20.8 | 7.5 | 9.3 | 14.0 | 1.0 | 13.1 | 5.0 | 2.0 | 14.9 | 21.6 | 37.2 | 4.1 |
| 2251 | 1096 | 522204 | 7440378 | 0.720 | 0.570 | 0.960 | 0.140 | 0.330 | 0.013 | 0.019 | 0.140 | 0.081 | 26.1 | 1.1 | 53.5 | 4.5 | 16.8 | 5.2 | 12.5 | 8.3 | 2.3 | 9.4 | 5.0 | 2.5 | 18.8 | 19.3 | 22.9 | 5.8 |
| 2251 | 1097 | 537204 | 7431868 | 0.630 | 0.470 | 1.020 | 0.150 | 0.320 | 0.022 | 0.100 | 0.130 | 0.041 | 30.2 | 0.8 | 59.2 | 4.6 | 14.3 | 11.1 | 19.6 | 5.4 | 1.2 | 10.4 | 5.0 | 2.6 | 23.1 | 14.9 | 25.8 | 9.3 |
| 2251 | 1098 | 536794 | 7433088 | 1.760 | 0.530 | 2.170 | 0.400 | 1.160 | 0.050 | 0.038 | 0.089 | 0.140 | 87.4 | 2.1 | 74.8 | 12.1 | 47.0 | 19.2 | 20.9 | 18.0 | 1.0 | 32.4 | 8.4 | 2.8 | 14.6 | 37.9 | 61.5 | 9.6 |
| 2251 | 1099 | 536594 | 7433748 | 1.330 | 0.450 | 2.200 | 0.210 | 0.780 | 0.040 | 0.015 | 0.094 | 0.100 | 50.3 | 2.4 | 50.4 | 10.6 | 30.5 | 13.3 | 12.1 | 12.6 | 1.1 | 18.7 | 6.2 | 2.7 | 15.9 | 27.1 | 46.5 | 7.2 |
| 2251 | 1100 | 536664 | 7436388 | 2.820 | 0.600 | 3.510 | 0.860 | 2.190 | 0.080 | 0.023 | 0.077 | 0.220 | 184.1 | 3.2 | 75.0 | 21.6 | 81.5 | 24.5 | 27.1 | 34.4 | 1.0 | 51.5 | 9.3 | 4.1 | 14.6 | 62.5 | 88.7 | 9.3 |
| 2251 | 1101 | 534404 | 7435138 | 2.020 | 0.570 | 2.200 | 0.650 | 1.400 | 0.029 | 0.110 | 0.090 | 0.150 | 128.5 | 1.8 | 100.2 | 13.3 | 54.7 | 17.0 | 30.5 | 20.7 | 1.0 | 32.8 | 8.9 | 4.2 | 14.8 | 45.6 | 68.3 | 9.4 |
| 2251 | 1102 | 531924 | 7438518 | 2.640 | 0.560 | 2.880 | 0.980 | 2.030 | 0.037 | 0.096 | 0.059 | 0.210 | 210.9 | 2.8 | 85.7 | 16.2 | 69.1 | 21.1 | 25.6 | 29.2 | 1.3 | 44.0 | 7.3 | 4.3 | 16.9 | 60.9 | 64.2 | 7.5 |
| 2251 | 1103 | 529624 | 7435948 | 2.340 | 0.670 | 2.330 | 0.770 | 1.200 | 0.030 | 0.110 | 0.110 | 0.140 | 142.7 | 2.7 | 75.5 | 15.5 | 67.7 | 20.1 | 22.2 | 19.9 | 1.0 | 41.1 | 8.5 | 5.7 | 26.5 | 58.3 | 68.3 | 7.8 |
| 2251 | 1104 | 529114 | 7436328 | 1.160 | 0.320 | 1.610 | 0.370 | 0.640 | 0.011 | 0.020 | 0.100 | 0.120 | 49.9 | 1.5 | 26.4 | 8.2 | 32.2 | 10.5 | 9.5 | 13.2 | 1.0 | 15.1 | 7.0 | 3.0 | 7.5 | 25.7 | 44.1 | 6.3 |
| 2251 | 1105 | 528284 | 7435818 | 1.130 | 0.950 | 2.110 | 0.310 | 0.770 | 0.032 | 0.039 | 0.350 | 0.063 | 72.7 | 1.7 | 109.4 | 17.3 | 42.2 | 37.1 | 47.4 | 16.6 | 2.1 | 33.0 | 8.3 | 2.8 | 30.1 | 47.1 | 79.9 | 4.3 |
| 2251 | 1106 | 528814 | 7431888 | 1.860 | 0.290 | 2.980 | 0.570 | 1.020 | 0.033 | 0.120 | 0.110 | 0.140 | 81.6 | 3.1 | 141.3 | 21.1 | 34.1 | 32.2 | 66.0 | 24.0 | 2.1 | 26.5 | 27.9 | 3.6 | 10.4 | 47.4 | 97.3 | 12.1 |
| 2251 | 1107 | 532414 | 7432398 | 1.470 | 0.450 | 1.780 | 0.360 | 0.850 | 0.019 | 0.033 | 0.083 | 0.120 | 73.6 | 1.1 | 50.1 | 10.0 | 49.4 | 17.5 | 15.6 | 14.4 | 1.0 | 28.1 | 8.7 | 4.4 | 14.3 | 40.3 | 44.3 | 6.4 |
| 2251 | 1108 | 534474 | 7433708 | 1.940 | 0.480 | 2.210 | 0.570 | 1.330 | 0.039 | 0.022 | 0.080 | 0.140 | 109.0 | 2.0 | 79.0 | 12.4 | 52.4 | 16.9 | 24.7 | 20.3 | 1.0 | 31.7 | 10.4 | 3.9 | 13.0 | 43.9 | 58.1 | 9.8 |
| 2251 | 1109 | 547614 | 7438548 | 1.230 | 0.380 | 2.180 | 0.340 | 0.710 | 0.051 | 0.009 | 0.093 | 0.120 | 56.9 | 1.9 | 58.8 | 10.5 | 28.8 | 18.5 | 19.5 | 13.4 | 1.0 | 28.4 | 16.3 | 2.8 | 15.6 | 22.2 | 70.8 | 9.9 |
| 2251 | 1110 | 531654 | 7459138 | 1.580 | 0.630 | 2.200 | 0.430 | 0.830 | 0.030 | 0.053 | 0.150 | 0.120 | 94.9 | 2.2 | 51.1 | 15.9 | 36.3 | 27.6 | 14.8 | 17.6 | 1.0 | 20.5 | 8.7 | 4.6 | 16.0 | 58.5 | 56.1 | 4.2 |
| 2251 | 1111 | 522484 | 7431748 | 0.820 | 0.790 | 1.470 | 0.260 | 0.510 | 0.023 | 0.038 | 0.200 | 0.084 | 65.6 | 1.2 | 63.4 | 11.9 | 14.8 | 12.3 | 21.5 | 8.8 | 1.0 | 8.1 | 11.7 | 4.1 | 9.3 | 42.3 | 33.3 | 2.2 |
| 2251 | 1112 | 521454 | 7432588 | 0.750 | 0.640 | 1.360 | 0.200 | 0.480 | 0.019 | 0.021 | 0.200 | 0.110 | 53.2 | 1.0 | 54.5 | 10.4 | 19.0 | 10.8 | 16.0 | 7.6 | 1.0 | 10.4 | 5.0 | 3.2 | 9.5 | 33.1 | 34.4 | 2.9 |
| 2251 | 1113 | 520204 | 7434118 | 0.830 | 0.470 | 1.260 | 0.210 | 0.440 | 0.020 | 0.019 | 0.130 | 0.110 | 32.4 | 1.2 | 47.1 | 7.5 | 16.3 | 5.2 | 20.2 | 8.5 | 1.4 | 8.6 | 8.7 | 3.0 | 10.1 | 28.7 | 31.1 | 4.2 |
| 2251 | 1114 | 519324 | 7436138 | 1.340 | 0.690 | 2.070 | 0.180 | 1.150 | 0.037 | 0.044 | 0.220 | 0.087 | 50.7 | 2.3 | 44.6 | 18.3 | 49.0 | 95.1 | 7.4 | 17.5 | 2.0 | 14.9 | 12.8 | 3.5 | 7.9 | 51.3 | 175.1 | 3.3 |
| 2251 | 1115 | 518834 | 7436818 | 1.710 | 0.750 | 1.880 | 0.360 | 0.810 | 0.040 | 0.100 | 0.160 | 0.130 | 66.3 | 1.7 | 73.1 | 12.4 | 44.2 | 17.2 | 24.0 | 15.1 | 1.0 | 23.9 | 5.0 | 4.9 | 22.7 | 42.7 | 62.5 | 6.4 |
| 2251 | 1116 | 518564 | 7436988 | 1.250 | 0.430 | 1.680 | 0.360 | 0.630 | 0.030 | 0.010 | 0.080 | 0.099 | 58.2 | 1.6 | 33.7 | 8.5 | 33.6 | 7.8 | 7.6 | 14.8 | 1.0 | 19.7 | 5.0 | 2.3 | 12.9 | 28.6 | 39.0 | 4.3 |
| 2251 | 1117 | 518034 | 7437068 | 1.060 | 0.930 | 1.360 | 0.200 | 0.720 | 0.042 | 0.013 | 0.250 | 0.071 | 42.4 | 1.4 | 57.6 | 9.4 | 22.3 | 8.6 | 18.3 | 14.5 | 1.0 | 21.1 | 10.6 | 2.8 | 28.1 | 24.1 | 63.0 | 4.2 |
| 2251 | 1201 | 520314 | 7464308 | 1.870 | 0.380 | 2.720 | 0.430 | 0.740 | 0.085 | 0.031 | 0.083 | 0.160 | 99.0 | 2.6 | 124.6 | 20.6 | 29.0 | 25.2 | 32.6 | 20.4 | 1.0 | 21.8 | 9.8 | 3.8 | 15.9 | 42.4 | 76.8 | 11.0 |
| 2251 | 1202 | 521284 | 7465438 | 1.310 | 0.520 | 2.110 | 0.380 | 0.690 | 0.061 | 0.023 | 0.160 | 0.140 | 73.7 | 2.0 | 68.3 | 16.2 | 26.0 | 21.9 | 16.2 | 20.6 | 1.0 | 20.7 | 9.5 | 3.4 | 11.9 | 34.7 | 96.9 | 4.2 |
| 2251 | 1203 | 522354 | 7466688 | 1.180 | 0.440 | 1.800 | 0.190 | 0.540 | 0.027 | 0.027 | 0.100 | 0.110 | 48.9 | 1.5 | 68.7 | 12.5 | 25.7 | 16.6 | 19.1 | 14.3 | 1.0 | 17.8 | 8.4 | 3.2 | 17.5 | 31.1 | 48.1 | 7.1 |
| 2251 | 1204 | 524134 | 7468448 | 1.480 | 0.590 | 2.200 | 0.360 | 0.810 | 0.058 | 0.036 | 0.150 | 0.130 | 96.9 | 2.4 | 95.0 | 17.1 | 49.4 | 15.9 | 31.1 | 15.6 | 1.4 | 26.3 | 8.5 | 4.9 | 18.8 | 49.4 | 66.0 | 7.3 |
| 2251 | 1205 | 521104 | 7470778 | 0.370 | 0.170 | 1.120 | 0.120 | 7.230 | 0.025 | 0.011 | 0.083 | 0.032 | 16.2 | 1.6 | 139.9 | 8.7 | 9.3 | 11.6 | 26.2 | 8.4 | 4.0 | 24.8 | 20.0 | 2.2 | 82.7 | 13.7 | 39.2 | 11.0 |
| 2251 | 1206 | 517714 | 7465648 | 0.210 | 3.240 | 0.670 | 0.082 | 9.630 | 0.047 | 0.007 | 0.046 | 0.017 | 17.1 | 1.6 | 114.7 | 8.8 | 12.0 | 8.3 | 11.4 | 6.2 | 7.3 | 13.8 | 20.0 | 1.3 | 85.1 | 17.7 | 28.1 | 10.4 |
| 2251 | 1207 | 512354 | 7461208 | 1.180 | 0.890 | 1.880 | 0.250 | 0.750 | 0.039 | 0.018 | 0.140 | 0.088 | 57.2 | 1.8 | 75.7 | 9.7 | 23.2 | 14.0 | 22.3 | 11.9 | 1.0 | 16.0 | 8.6 | 3.0 | 35.2 | 27.8 | 46.7 | 9.9 |
| 2251 | 1208 | 526514 | 7471428 | 0.380 | 0.260 | 0.690 | 0.072 | 0.150 | 0.012 | 0.019 | 0.048 | 0.055 | 10.7 | 0.7 | 48.1 | 3.1 | 8.4 | 4.1 | 16.7 | 2.6 | 1.0 | 4.0 | 9.5 | 2.0 | 5.8 | 12.0 | 10.5 | 6.4 |
| 2251 | 1209 | 527384 | 7472638 | 0.840 | 0.770 | 1.370 | 0.160 | 0.530 | 0.024 | 0.050 | 0.190 | 0.073 | 36.3 | 1.5 | 57.7 | 8.6 | 27.2 | 19.4 | 14.2 | 6.3 | 1.4 | 13.8 | 11.5 | 4.0 | 18.2 | 38.5 | 31.8 | 3.2 |
| 2251 | 1210 | 527954 | 7473348 | 0.840 | 0.890 | 1.490 | 0.140 | 0.550 | 0.026 | 0.042 | 0.270 | 0.048 | 46.0 | 1.7 | 64.0 | 10.2 | 34.9 | 12.9 | 16.3 | 6.2 | 2.1 | 18.3 | 5.0 | 4.1 | 18.9 | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 13 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 1230 | 543784 | 7467918 | 0.900 | 0.330 | 1.890 | 0.270 | 0.560 | 0.015 | 0.028 | 0.097 | 0.092 | 29.3 | 2.1 | 61.5 | 7.2 | 28.6 | 26.9 | 17.9 | 8.3 | 3.8 | 15.9 | 9.3 | 2.7 | 8.5 | 32.5 | 27.8 | 6.4 |
| 2251 | 1231 | 523524 | 7484558 | 1.790 | 0.920 | 1.660 | 0.290 | 0.800 | 0.021 | 0.073 | 0.210 | 0.120 | 61.4 | 1.8 | 80.0 | 9.9 | 33.8 | 19.5 | 26.0 | 16.6 | 1.0 | 18.0 | 5.6 | 5.4 | 28.7 | 42.7 | 44.2 | 6.0 |
| 2251 | 1232 | 524374 | 7482828 | 2.020 | 0.760 | 1.840 | 0.350 | 0.930 | 0.024 | 0.073 | 0.130 | 0.130 | 69.5 | 2.4 | 71.1 | 10.9 | 40.1 | 18.3 | 20.4 | 19.6 | 1.0 | 24.0 | 7.4 | 4.9 | 25.6 | 48.6 | 53.2 | 5.0 |
| 2251 | 1233 | 524544 | 7479288 | 1.680 | 0.880 | 1.480 | 0.280 | 0.720 | 0.020 | 0.078 | 0.150 | 0.061 | 53.3 | 1.4 | 59.6 | 7.7 | 31.3 | 16.5 | 20.4 | 16.0 | 1.0 | 15.3 | 7.2 | 4.9 | 26.9 | 37.3 | 39.6 | 3.3 |
| 2251 | 1234 | 526274 | 7477498 | 3.170 | 1.410 | 2.900 | 0.830 | 1.310 | 0.044 | 0.150 | 0.210 | 0.200 | 114.8 | 3.8 | 140.9 | 16.1 | 42.6 | 33.0 | 57.6 | 33.3 | 1.0 | 27.2 | 16.4 | 7.7 | 73.5 | 52.9 | 81.8 | 8.7 |
| 2251 | 1235 | 519794 | 7453478 | 0.940 | 2.730 | 1.480 | 0.150 | 2.240 | 0.023 | 0.037 | 0.180 | 0.061 | 34.7 | 1.8 | 71.1 | 10.9 | 39.7 | 32.6 | 19.3 | 8.9 | 2.9 | 26.5 | 5.4 | 2.9 | 43.1 | 29.7 | 72.8 | 6.3 |
| 2251 | 1236 | 521194 | 7452618 | 1.620 | 2.610 | 1.790 | 0.460 | 2.350 | 0.032 | 0.027 | 0.270 | 0.110 | 82.0 | 1.9 | 78.3 | 13.2 | 35.7 | 43.5 | 27.4 | 22.2 | 1.0 | 31.6 | 14.1 | 4.4 | 25.1 | 38.1 | 77.3 | 6.9 |
| 2251 | 1237 | 520854 | 7457448 | 1.070 | 0.840 | 1.880 | 0.250 | 0.650 | 0.023 | 0.027 | 0.190 | 0.057 | 95.8 | 1.7 | 56.3 | 13.1 | 32.3 | 27.3 | 17.8 | 12.9 | 1.0 | 28.9 | 8.5 | 4.5 | 21.6 | 45.1 | 42.8 | 3.2 |
| 2251 | 1238 | 527114 | 7454248 | 0.580 | 2.690 | 1.270 | 0.110 | 1.640 | 0.036 | 0.050 | 0.430 | 0.030 | 76.1 | 1.3 | 66.3 | 10.5 | 13.3 | 31.3 | 19.1 | 8.3 | 1.0 | 26.0 | 5.0 | 3.0 | 62.0 | 28.1 | 33.6 | 4.4 |
| 2251 | 1239 | 529964 | 7453158 | 0.610 | 2.610 | 1.330 | 0.120 | 1.620 | 0.034 | 0.049 | 0.380 | 0.037 | 73.5 | 1.1 | 56.5 | 10.5 | 14.2 | 26.3 | 15.2 | 8.6 | 1.0 | 23.9 | 5.0 | 3.1 | 59.5 | 28.8 | 36.2 | 3.7 |
| 2251 | 1240 | 530704 | 7452348 | 1.140 | 0.840 | 2.190 | 0.290 | 0.750 | 0.031 | 0.025 | 0.210 | 0.110 | 120.6 | 2.1 | 65.7 | 17.7 | 36.7 | 39.8 | 21.3 | 14.6 | 1.0 | 34.4 | 9.1 | 4.6 | 21.3 | 50.8 | 48.9 | 4.2 |
| 2251 | 1241 | 522514 | 7458608 | 1.210 | 0.790 | 2.120 | 0.290 | 0.690 | 0.028 | 0.026 | 0.190 | 0.084 | 108.3 | 1.8 | 60.0 | 13.7 | 35.5 | 33.7 | 17.6 | 14.1 | 1.0 | 30.2 | 8.2 | 4.5 | 20.7 | 48.2 | 47.5 | 3.4 |
| 2251 | 1242 | 525174 | 7457568 | 1.520 | 1.010 | 2.740 | 0.360 | 0.920 | 0.035 | 0.026 | 0.210 | 0.057 | 145.6 | 2.3 | 68.1 | 18.8 | 46.0 | 46.1 | 21.0 | 19.0 | 1.0 | 39.9 | 14.9 | 5.3 | 24.1 | 60.7 | 63.8 | 4.4 |
| 2251 | 1243 | 524664 | 7456858 | 1.050 | 0.780 | 2.020 | 0.240 | 0.650 | 0.027 | 0.024 | 0.200 | 0.110 | 100.9 | 1.8 | 56.0 | 15.6 | 33.8 | 33.3 | 18.8 | 12.8 | 1.1 | 30.9 | 11.9 | 4.5 | 20.9 | 47.2 | 44.5 | 3.7 |
| 2251 | 1244 | 526044 | 7457308 | 1.390 | 1.000 | 2.700 | 0.340 | 0.860 | 0.036 | 0.031 | 0.300 | 0.140 | 143.4 | 2.4 | 73.7 | 20.4 | 44.2 | 48.2 | 24.6 | 17.7 | 1.7 | 39.3 | 12.0 | 5.3 | 24.7 | 60.2 | 61.6 | 4.0 |
| 2251 | 1245 | 525944 | 7456078 | 1.170 | 0.750 | 2.240 | 0.270 | 0.700 | 0.029 | 0.025 | 0.180 | 0.095 | 109.8 | 1.7 | 58.0 | 15.8 | 35.4 | 34.8 | 18.5 | 14.0 | 1.0 | 31.2 | 7.7 | 4.5 | 19.7 | 48.6 | 52.1 | 3.4 |
| 2251 | 1246 | 529224 | 7457488 | 1.110 | 0.810 | 2.190 | 0.260 | 0.680 | 0.030 | 0.024 | 0.220 | 0.110 | 109.3 | 1.9 | 61.9 | 16.6 | 34.5 | 38.0 | 19.5 | 13.8 | 2.7 | 33.3 | 12.1 | 4.5 | 21.4 | 49.2 | 50.1 | 4.0 |
| 2251 | 1247 | 532304 | 7460198 | 1.330 | 1.000 | 2.610 | 0.310 | 0.820 | 0.035 | 0.024 | 0.300 | 0.140 | 129.1 | 2.9 | 78.0 | 19.8 | 41.9 | 52.1 | 24.8 | 16.1 | 3.0 | 38.5 | 14.0 | 5.2 | 24.3 | 59.1 | 58.3 | 5.3 |
| 2251 | 1248 | 532714 | 7460598 | 1.310 | 0.970 | 2.470 | 0.300 | 0.810 | 0.030 | 0.025 | 0.260 | 0.100 | 128.2 | 2.5 | 69.8 | 18.6 | 41.8 | 47.6 | 23.1 | 16.1 | 2.2 | 36.9 | 13.0 | 4.9 | 24.2 | 56.3 | 56.8 | 4.2 |
| 2251 | 1249 | 535954 | 7461288 | 1.530 | 0.870 | 2.800 | 0.360 | 0.980 | 0.031 | 0.024 | 0.230 | 0.140 | 154.7 | 2.9 | 71.5 | 20.7 | 49.2 | 46.5 | 22.8 | 19.3 | 2.4 | 40.1 | 12.6 | 5.2 | 20.9 | 65.9 | 71.2 | 4.9 |
| 2251 | 1250 | 537064 | 7460518 | 1.300 | 0.940 | 2.400 | 0.290 | 0.800 | 0.028 | 0.024 | 0.220 | 0.063 | 128.5 | 2.6 | 71.5 | 16.2 | 40.7 | 46.5 | 22.0 | 15.5 | 1.7 | 38.7 | 7.4 | 4.8 | 22.8 | 54.8 | 55.4 | 4.3 |
| 2251 | 1251 | 534134 | 7483278 | 0.340 | 0.280 | 0.740 | 0.082 | 0.130 | 0.016 | 0.017 | 0.053 | 0.048 | 8.8 | 0.9 | 98.2 | 3.8 | 7.1 | 5.8 | 32.5 | 3.2 | 2.0 | 2.3 | 11.5 | 1.9 | 6.8 | 9.3 | 19.4 | 6.0 |
| 2251 | 1252 | 535644 | 7484208 | 0.260 | 0.250 | 0.570 | 0.059 | 0.092 | 0.014 | 0.013 | 0.044 | 0.074 | 6.1 | 0.6 | 80.2 | 2.4 | 5.3 | 4.8 | 24.2 | 2.0 | 1.3 | 3.5 | 10.7 | 1.5 | 5.0 | 6.8 | 13.9 | 5.6 |
| 2251 | 1253 | 532054 | 7486258 | 1.380 | 0.730 | 2.580 | 0.190 | 0.770 | 0.062 | 0.030 | 0.160 | 0.140 | 118.1 | 3.2 | 148.7 | 15.1 | 37.1 | 36.2 | 61.8 | 14.6 | 3.6 | 21.6 | 14.6 | 5.6 | 35.9 | 40.2 | 71.6 | 8.8 |
| 2251 | 1254 | 537814 | 7485038 | 1.270 | 0.730 | 2.300 | 0.180 | 0.730 | 0.059 | 0.032 | 0.170 | 0.120 | 105.5 | 2.7 | 140.1 | 14.2 | 35.0 | 31.8 | 58.9 | 13.6 | 1.7 | 22.1 | 10.9 | 5.3 | 34.8 | 36.7 | 64.0 | 8.0 |
| 2251 | 1255 | 539874 | 7486138 | 1.240 | 0.720 | 2.300 | 0.170 | 0.700 | 0.054 | 0.032 | 0.170 | 0.110 | 100.8 | 2.4 | 127.7 | 13.0 | 33.6 | 27.4 | 52.5 | 13.2 | 2.1 | 18.9 | 11.8 | 5.1 | 34.3 | 35.7 | 64.5 | 7.4 |
| 2251 | 1256 | 535124 | 7481358 | 0.520 | 0.500 | 1.080 | 0.094 | 0.220 | 0.020 | 0.023 | 0.130 | 0.074 | 28.0 | 1.3 | 98.9 | 6.3 | 11.9 | 9.3 | 40.4 | 5.9 | 1.0 | 5.8 | 11.4 | 3.1 | 16.7 | 12.7 | 30.7 | 9.6 |
| 2251 | 1257 | 534854 | 7480968 | 0.550 | 0.590 | 1.080 | 0.110 | 0.250 | 0.022 | 0.030 | 0.150 | 0.065 | 20.4 | 1.7 | 88.0 | 4.3 | 12.3 | 9.8 | 30.9 | 5.1 | 1.8 | 5.9 | 6.4 | 2.9 | 18.3 | 16.0 | 30.4 | 9.0 |
| 2251 | 1258 | 535454 | 7480308 | 0.590 | 0.590 | 1.190 | 0.100 | 0.260 | 0.023 | 0.026 | 0.140 | 0.046 | 20.6 | 1.4 | 85.7 | 4.2 | 13.4 | 12.4 | 32.6 | 5.9 | 1.9 | 4.8 | 5.4 | 3.2 | 18.2 | 15.3 | 34.6 | 11.4 |
| 2251 | 1259 | 540784 | 7466598 | 0.980 | 0.130 | 4.180 | 0.260 | 0.570 | 0.021 | 0.013 | 0.063 | 0.091 | 30.5 | 3.6 | 79.4 | 7.6 | 24.2 | 33.6 | 20.9 | 7.4 | 5.9 | 9.9 | 17.6 | 2.7 | 5.7 | 45.7 | 33.3 | 8.4 |
| 2251 | 1260 | 538604 | 7464638 | 1.140 | 0.140 | 4.720 | 0.290 | 0.630 | 0.023 | 0.013 | 0.068 | 0.100 | 33.6 | 3.3 | 92.4 | 8.5 | 25.8 | 37.3 | 20.9 | 7.8 | 5.3 | 10.8 | 12.4 | 3.0 | 6.1 | 50.8 | 36.4 | 9.9 |
| 2251 | 1261 | 537294 | 7464958 | 1.100 | 0.140 | 4.390 | 0.290 | 0.610 | 0.023 | 0.014 | 0.061 | 0.098 | 33.1 | 3.1 | 80.4 | 7.9 | 25.4 | 35.1 | 20.1 | 7.9 | 5.3 | 9.2 | 13.7 | 2.8 | 6.6 | 48.0 | 35.7 | 9.2 |
| 2251 | 1262 | 537064 | 7469538 | 1.070 | 0.150 | 4.310 | 0.270 | 0.580 | 0.023 | 0.013 | 0.061 | 0.097 | 31.8 | 3.4 | 79.7 | 6.6 | 24.0 | 34.9 | 19.1 | 7.8 | 4.3 | 10.1 | 9.8 | 2.9 | 6.3 | 46.2 | 33.3 | 9.5 |
| 2251 | 1263 | 535564 | 7469258 | 1.110 | 0.130 | 5.000 | 0.280 | 0.600 | 0.022 | 0.013 | 0.071 | 0.100 | 33.7 | 4.4 | 98.0 | 8.5 | 25.5 | 42.0 | 25.0 | 8.0 | 6.7 | 12.5 | 15.7 | 3.1 | 5.9 | 51.5 | 39.3 | 9.6 |
| 2251 | 1264 | 535314 | 7468658 | 0.930 | 0.120 | 3.880 | 0.260 | 0.550 | 0.019 | 0.010 | 0.060 | 0.086 | 30.1 | 2.7 | 67.3 | 6.9 | 21.8 | 33.6 | 18.2 | 7.0 | 4.3 | 6.9 | 9.1 | 2.5 | 5.9 | 41.4 | 31.7 | 8.0 |
| 2251 | 1265 | 533334 | 7468178 | 1.190 | 0.140 | 4.990 | 0.290 | 0.650 | 0.025 | 0.012 | 0.071 | 0.110 | 35.5 | 4.6 | 100.5 | 9.9 | 28.5 | 44.1 | 25.4 | 8.3 | 7.1 | 12.8 | 14.6 | 3.1 | 6.0 | 54.0 | 42.3 | 10.6 |
| 2251 | 1266 | 526374 | 7482358 | 1.120 | 0.610 | 1.490 | 0.220 | 0.500 | 0.029 | 0.047 | 0.120 | 0.083 | 35.9 | 2.0 | 109.0 | 7.6 | 22.5 | 14.7 | 42.7 | 10.6 | 1.0 | 13.3 | 16.4 | 3.5 | 22.5 | 25.2 | 41.9 | 7.6 |
| 2251 | 1267 | 527664 | 7484468 | 1.230 | 0.560 | 1.590 | 0.230 | 0.550 | 0.031 | 0.043 | 0.100 | 0.110 | 37.3 | 2.6 | 113.0 | 9.4 | 24.3 | 16.6 | 44.1 | 11.7 | 1.6 | 14.1 | 9.1 | 3.4 | 2 | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

Vedlegg 5
Side 14 av 15

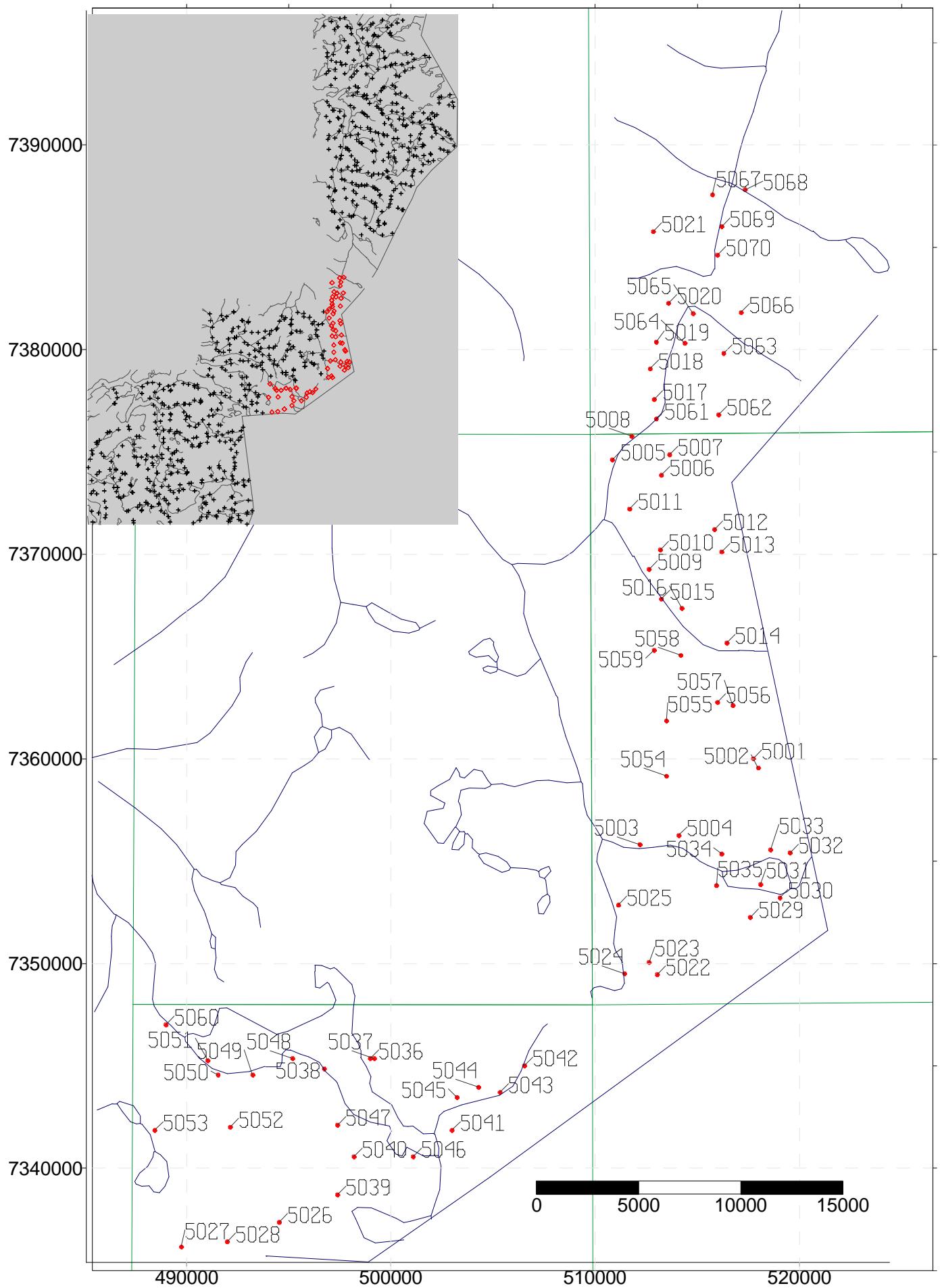
| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|--------|-------|-------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2251 | 1287 | 512474 | 7485578 | 1.040 | 0.900 | 2.920 | 0.160 | 0.630 | 0.031 | 0.018 | 0.190 | 0.078 | 42.0 | 2.6 | 112.3 | 13.6 | 33.3 | 18.0 | 53.6 | 13.6 | 1.2 | 33.6 | 14.8 | 4.5 | 58.1 | 24.7 | 67.8 | 8.0 |
| 2251 | 1288 | 509714 | 7483988 | 0.980 | 0.900 | 2.740 | 0.160 | 0.580 | 0.030 | 0.023 | 0.180 | 0.077 | 38.2 | 3.0 | 112.2 | 13.8 | 30.5 | 19.3 | 50.1 | 11.8 | 1.3 | 35.4 | 15.4 | 4.3 | 56.2 | 23.4 | 63.6 | 6.1 |
| 2251 | 1289 | 530384 | 7467328 | 0.890 | 0.340 | 1.760 | 0.260 | 0.340 | 0.030 | 0.024 | 0.090 | 0.110 | 27.8 | 2.3 | 147.6 | 7.8 | 11.2 | 12.9 | 65.5 | 11.4 | 6.4 | 9.2 | 13.4 | 3.5 | 7.1 | 19.6 | 49.6 | 9.8 |
| 2251 | 1290 | 528314 | 7463868 | 1.400 | 0.300 | 2.610 | 0.390 | 0.500 | 0.043 | 0.022 | 0.072 | 0.150 | 43.5 | 3.4 | 201.2 | 11.3 | 15.6 | 21.7 | 97.1 | 16.9 | 12.4 | 11.4 | 16.3 | 4.4 | 7.0 | 27.1 | 71.6 | 11.7 |
| 2251 | 1291 | 525884 | 7465498 | 0.730 | 0.280 | 1.450 | 0.210 | 0.270 | 0.023 | 0.017 | 0.058 | 0.084 | 21.5 | 1.4 | 111.2 | 5.3 | 8.9 | 10.2 | 45.0 | 8.8 | 5.2 | 5.4 | 9.0 | 2.8 | 6.1 | 14.9 | 33.1 | 8.7 |
| 2251 | 1292 | 526224 | 7468688 | 0.900 | 0.330 | 1.780 | 0.270 | 0.340 | 0.029 | 0.021 | 0.083 | 0.100 | 28.2 | 2.4 | 150.0 | 8.3 | 11.1 | 18.2 | 66.9 | 11.4 | 7.4 | 9.4 | 8.5 | 3.5 | 7.4 | 19.9 | 45.4 | 9.9 |
| 2251 | 1293 | 528614 | 7480108 | 1.140 | 0.760 | 2.170 | 0.150 | 0.750 | 0.030 | 0.043 | 0.190 | 0.130 | 54.9 | 1.9 | 59.1 | 21.3 | 39.7 | 35.0 | 15.6 | 9.6 | 1.0 | 40.7 | 5.9 | 3.8 | 19.1 | 50.7 | 36.5 | 4.5 |
| 2251 | 1294 | 528934 | 7480708 | 1.020 | 0.780 | 1.940 | 0.150 | 0.700 | 0.028 | 0.050 | 0.160 | 0.053 | 48.4 | 1.8 | 54.3 | 16.6 | 38.2 | 30.2 | 15.9 | 8.7 | 1.2 | 36.5 | 5.4 | 3.9 | 18.9 | 47.6 | 35.6 | 3.4 |
| 2251 | 1295 | 529144 | 7480488 | 0.960 | 1.040 | 1.740 | 0.140 | 0.650 | 0.028 | 0.049 | 0.270 | 0.073 | 43.0 | 1.8 | 70.5 | 16.1 | 34.9 | 29.3 | 17.7 | 6.8 | 1.0 | 33.5 | 5.0 | 4.1 | 23.4 | 46.7 | 27.9 | 5.1 |
| 2251 | 1296 | 530404 | 7479888 | 0.730 | 0.940 | 1.610 | 0.063 | 0.420 | 0.022 | 0.053 | 0.240 | 0.068 | 17.2 | 1.3 | 39.4 | 12.4 | 9.4 | 9.4 | 8.8 | 3.2 | 1.1 | 7.3 | 5.0 | 3.9 | 17.0 | 46.5 | 23.2 | 1.9 |
| 2251 | 1297 | 510494 | 7465688 | 1.450 | 0.540 | 2.240 | 0.340 | 0.710 | 0.061 | 0.023 | 0.110 | 0.120 | 66.9 | 2.0 | 77.4 | 17.0 | 26.4 | 15.4 | 20.8 | 15.5 | 1.2 | 17.0 | 10.0 | 3.0 | 25.0 | 34.0 | 75.7 | 11.1 |
| 2251 | 1298 | 511484 | 7466648 | 0.950 | 0.480 | 1.380 | 0.240 | 0.560 | 0.022 | 0.028 | 0.071 | 0.095 | 38.4 | 1.6 | 61.1 | 7.5 | 21.0 | 8.3 | 18.5 | 13.7 | 1.7 | 13.9 | 5.5 | 2.0 | 22.4 | 24.9 | 45.2 | 8.0 |
| 2251 | 1299 | 512534 | 7470748 | 2.060 | 0.430 | 3.470 | 0.350 | 1.020 | 0.066 | 0.021 | 0.095 | 0.190 | 68.0 | 3.8 | 62.1 | 29.5 | 42.5 | 15.4 | 12.3 | 24.4 | 1.8 | 24.2 | 18.8 | 3.3 | 16.2 | 55.4 | 99.6 | 8.9 |
| 2251 | 1300 | 524284 | 7450989 | 1.410 | 0.510 | 1.990 | 0.290 | 0.640 | 0.037 | 0.026 | 0.081 | 0.120 | 78.6 | 2.1 | 91.0 | 12.7 | 25.8 | 15.8 | 28.8 | 17.2 | 1.0 | 22.3 | 12.6 | 3.1 | 25.4 | 29.8 | 48.4 | 9.9 |
| 2251 | 1301 | 524954 | 7450368 | 1.580 | 0.530 | 2.090 | 0.340 | 0.660 | 0.041 | 0.033 | 0.075 | 0.140 | 87.2 | 2.3 | 92.5 | 12.1 | 26.1 | 19.1 | 31.3 | 18.6 | 1.0 | 22.4 | 14.3 | 3.5 | 28.0 | 31.8 | 54.3 | 12.0 |
| 2251 | 1302 | 525384 | 7450088 | 1.140 | 0.450 | 1.730 | 0.210 | 0.550 | 0.030 | 0.023 | 0.084 | 0.099 | 59.2 | 1.6 | 81.5 | 11.1 | 21.7 | 16.9 | 25.8 | 14.6 | 1.0 | 21.4 | 8.2 | 2.8 | 22.6 | 24.2 | 41.8 | 9.4 |
| 2251 | 1303 | 526364 | 7449268 | 1.060 | 0.540 | 1.530 | 0.210 | 0.510 | 0.031 | 0.025 | 0.100 | 0.100 | 55.0 | 1.8 | 89.8 | 9.7 | 19.8 | 13.2 | 27.3 | 11.9 | 1.1 | 18.3 | 5.0 | 2.9 | 26.3 | 24.6 | 37.3 | 10.6 |
| 2251 | 1305 | 530954 | 7475728 | 0.750 | 0.710 | 1.770 | 0.160 | 0.480 | 0.026 | 0.041 | 0.100 | 0.093 | 29.1 | 1.3 | 59.0 | 9.8 | 21.1 | 17.1 | 22.1 | 7.9 | 1.8 | 12.3 | 16.7 | 2.8 | 33.8 | 22.5 | 46.8 | 9.1 |
| 2251 | 1306 | 532524 | 7474218 | 1.210 | 0.840 | 2.140 | 0.340 | 0.700 | 0.043 | 0.061 | 0.099 | 0.120 | 43.7 | 1.5 | 78.1 | 13.6 | 26.6 | 27.5 | 42.8 | 14.6 | 1.0 | 19.3 | 22.8 | 3.6 | 48.4 | 29.9 | 62.1 | 9.6 |
| 2251 | 1307 | 533104 | 7471828 | 0.820 | 0.750 | 1.780 | 0.180 | 0.510 | 0.027 | 0.046 | 0.100 | 0.100 | 28.8 | 1.3 | 64.7 | 10.1 | 21.2 | 23.7 | 25.2 | 8.5 | 1.4 | 14.8 | 15.6 | 2.9 | 35.8 | 23.8 | 55.4 | 9.2 |
| 2251 | 1308 | 532874 | 7471468 | 0.920 | 0.720 | 1.920 | 0.210 | 0.560 | 0.030 | 0.054 | 0.092 | 0.100 | 33.8 | 1.5 | 66.4 | 11.8 | 22.3 | 23.9 | 25.9 | 10.1 | 1.8 | 15.1 | 11.3 | 3.1 | 36.7 | 25.8 | 55.5 | 9.5 |
| 2543 | 5001 | 517684 | 7359798 | 0.409 | 0.031 | 0.626 | 0.093 | 0.140 | 0.007 | 0.009 | 0.080 | 0.021 | 16.1 | 1.8 | 46.1 | 3.7 | 7.9 | 6.3 | 10.0 | 4.2 | 1.5 | 5.6 | 7.4 | 1.1 | 13.1 | 7.7 | 8.9 | 6.2 |
| 2543 | 5002 | 517934 | 7359348 | 0.697 | 0.244 | 1.415 | 0.111 | 0.391 | 0.018 | 0.009 | 0.136 | 0.024 | 50.7 | 1.8 | 50.7 | 7.5 | 12.2 | 14.9 | 13.3 | 6.8 | 1.4 | 13.4 | 9.9 | 1.3 | 17.5 | 11.5 | 30.4 | 12.2 |
| 2543 | 5003 | 512134 | 7355598 | 0.634 | 0.259 | 1.356 | 0.254 | 0.052 | 0.024 | 0.010 | 0.066 | 0.097 | 67.9 | 1.8 | 66.1 | 5.4 | 7.8 | 4.7 | 18.4 | 6.1 | 1.5 | 4.4 | 14.3 | 2.5 | 62.4 | 15.6 | 21.1 | 7.0 |
| 2543 | 5004 | 514034 | 7356048 | 0.684 | 0.305 | 1.168 | 0.244 | 0.190 | 0.021 | 0.011 | 0.118 | 0.050 | 41.1 | 1.8 | 66.2 | 6.4 | 7.0 | 9.2 | 21.9 | 7.3 | 1.5 | 8.3 | 11.8 | 2.1 | 44.9 | 9.2 | 34.1 | 9.8 |
| 2543 | 5005 | 510784 | 7374398 | 0.984 | 0.335 | 1.591 | 0.160 | 0.341 | 0.031 | 0.011 | 0.094 | 0.146 | 45.0 | 2.1 | 73.3 | 7.1 | 13.5 | 9.2 | 26.1 | 11.2 | 1.5 | 8.2 | 39.6 | 2.2 | 29.8 | 16.2 | 105.5 | 13.3 |
| 2543 | 5006 | 513184 | 7373648 | 0.647 | 0.274 | 1.015 | 0.112 | 0.177 | 0.014 | 0.010 | 0.096 | 0.105 | 24.1 | 1.8 | 66.4 | 3.7 | 9.6 | 6.3 | 22.0 | 6.5 | 1.5 | 4.5 | 28.3 | 1.9 | 28.2 | 12.4 | 40.7 | 13.7 |
| 2543 | 5007 | 513584 | 7374648 | 0.434 | 0.198 | 0.626 | 0.097 | 0.102 | 0.013 | 0.010 | 0.076 | 0.089 | 29.4 | 1.8 | 61.0 | 3.7 | 12.5 | 4.8 | 19.4 | 4.3 | 1.5 | 5.2 | 12.5 | 1.5 | 21.3 | 9.6 | 12.4 | 12.4 |
| 2543 | 5008 | 511734 | 7375548 | 0.434 | 0.198 | 0.626 | 0.087 | 0.089 | 0.013 | 0.010 | 0.076 | 0.089 | 29.2 | 1.8 | 60.5 | 4.0 | 11.4 | 4.7 | 18.6 | 4.2 | 1.5 | 3.9 | 11.1 | 1.5 | 21.6 | 9.5 | 12.1 | 13.5 |
| 2543 | 5009 | 512584 | 7369048 | 0.285 | -0.045 | 0.461 | 0.092 | 0.014 | 0.009 | 0.009 | 0.045 | 0.045 | 12.5 | 1.8 | 51.8 | 3.7 | 4.4 | 5.5 | 11.3 | 2.4 | 1.5 | 3.9 | 9.5 | 1.0 | 15.6 | 7.2 | 4.0 | 8.2 |
| 2543 | 5010 | 513134 | 7369998 | 0.197 | -0.061 | 0.332 | 0.075 | -0.016 | 0.007 | 0.009 | 0.043 | 0.042 | 7.9 | 1.8 | 45.2 | 3.7 | 3.9 | 4.0 | 8.8 | 1.9 | 1.5 | 3.9 | 8.7 | 0.7 | 14.7 | 5.1 | -0.2 | 8.4 |
| 2543 | 5011 | 511634 | 7371998 | 0.297 | 0.092 | 0.403 | 0.101 | 0.019 | 0.017 | 0.009 | 0.064 | 0.055 | 13.1 | 1.8 | 65.9 | 3.7 | 3.9 | 4.6 | 21.8 | 2.8 | 1.5 | 3.9 | 10.9 | 1.3 | 27.3 | 5.2 | 7.7 | 12.9 |
| 2543 | 5012 | 515784 | 7370998 | 0.334 | -0.015 | 0.626 | 0.075 | 0.064 | 0.008 | 0.010 | 0.047 | 0.057 | 10.7 | 1.8 | 49.4 | 4.0 | 5.0 | 5.2 | 14.3 | 4.2 | 1.5 | 3.9 | 11.7 | 1.1 | 16.5 | 9.0 | 16.7 | 9.5 |
| 2543 | 5013 | 516134 | 7369898 | 0.484 | -0.015 | 0.473 | 0.076 | 0.089 | 0.009 | 0.009 | 0.044 | 0.061 | 10.4 | 1.8 | 55.1 | 3.7 | 4.8 | 3.9 | 17.2 | 5.4 | 1.5 | 3.9 | 15.6 | 1.2 | 17.7 | 8.5 | 24.9 | 8.9 |
| 2543 | 5014 | 516384 | 7365448 | 0.447 | 0.228 | 0.697 | 0.091 | 0.127 | 0.014 | 0.012 | 0.084 | 0.077 | 12.1 | 1.8 | 67.3 | 4.3 | 4.4 | 7.6 | 24.7 | 3.8 | 1.5 | 6.0 | 29.9 | 1.7 | 31.2 | 9.2 | 61.5 | 15.1 |
| 2543 | 5015 | 513184 | 7367598 | 0.509 | 0.213 | 0.768 | 0.100 | 0.140 | 0.015 | 0.011 | 0.085 | 0.076 | 12.8 | 1.8 | 67.4 | 4.4 | 5.0 | 7.4 | 24.8 | 4.4 | 1.5 | 3.9 | 27.5 | 1.7 | 31.8 | 10.0 | 124.5 | 14.6 |
| 2543 | 5016 | 514184 | 7367148 | 0.285 | 0.076 | 0.356 | 0.082 | 0.015 | 0.013 | 0.009 | 0.062 | 0.051 | 11.2 | 1.8 | 58.3 | 3.7 | 3.6 | 3.9 | 16.0 | 2.6 | 1.5 | 3.9 | 11.4 | 1.1 | 28.4 | 5.2 | 5.7 | 11.2 |
| 2543 | 5017 | 512834 | 7377348 | 0.522 | -0.015 | 0.744 | 0.087 | 0.114 | 0.017 | 0.011 | 0.041 | 0.097 | 18.1 | 1.8 | 44.6 | 4.9 | 15.1 | 5.8 | 9.1 | 3.6 | 1.5 | 4.9 | 12.9 | 1.2 | 13.6 | 9.2 | 15.0 | 6.1 |
| 2543 | 5018 | 5126 | | | | | | | | | | | | | | | | | | | | | | | | | | |

Rana og Sulis 1985 og Rana 1992 (justert til '85-nivå)
Bekkesediment -0.18mm HNO₃-ekstrakt

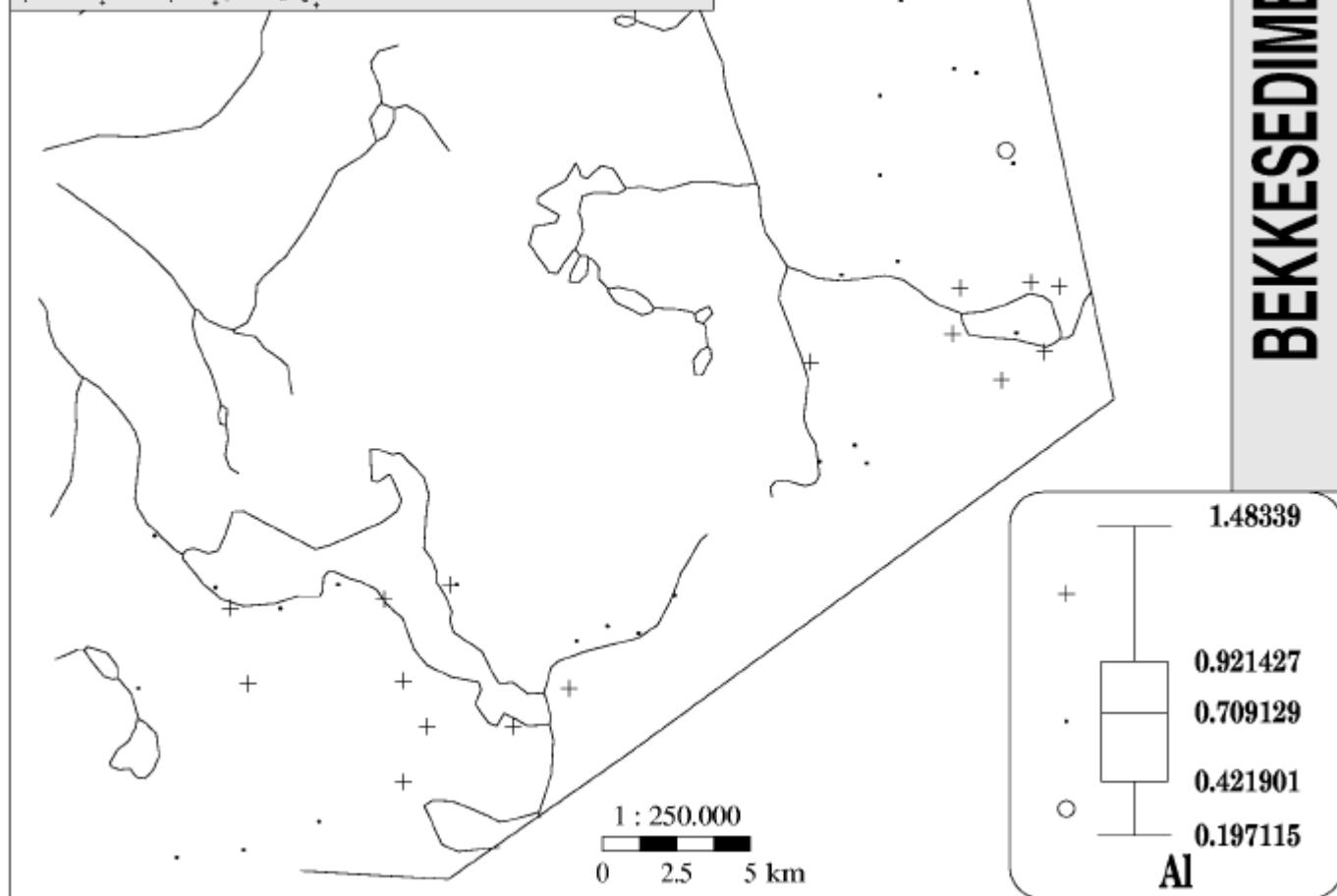
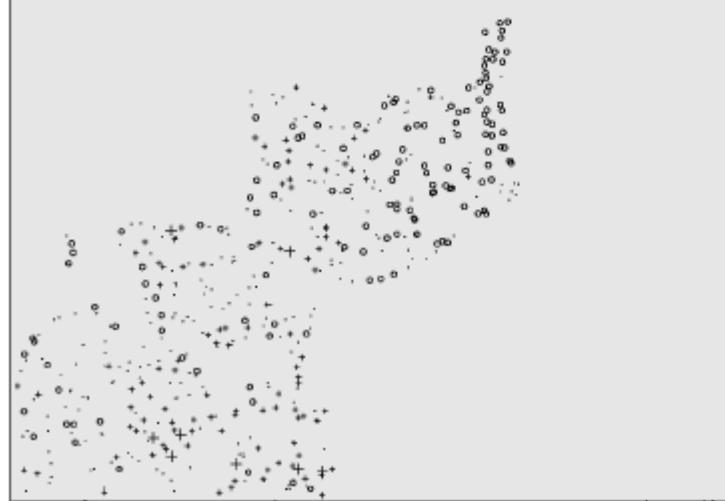
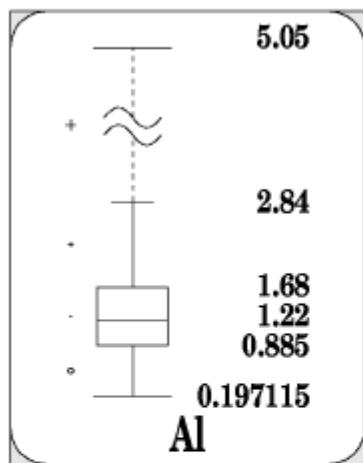
Vedlegg 5
Side 15 av 15

| :Prosj | *Lok | mE33wgs84 | mN33wgs84 | %Al | %Ca | %Fe | %K | %Mg | %Mn | %Na | %P | %Ti | ppmBa | ppmBe | ppmCe | ppmCo | ppmCr | ppmCu | ppmLa | ppmLi | ppmMo | ppmNi | ppmPb | ppmSc | ppmSr | ppmV | ppmZn | ppmZr |
|--------|------|-----------|-----------|-------|-------|-------|-------|--------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| 2543 | 5037 | 499134 | 7345148 | 0.859 | 0.274 | 1.415 | 0.073 | 0.253 | 0.018 | 0.016 | 0.071 | .089 | 20.5 | 1.8 | 46.7 | 8.9 | 16.1 | 5.7 | 9.9 | 8.4 | 1.5 | 12.3 | 7.4 | 2.2 | 19.5 | 19.0 | 3.8 | |
| 2543 | 5038 | 496684 | 7344648 | 0.971 | 0.152 | 1.156 | 0.133 | 0.165 | 0.013 | 0.015 | 0.047 | .089 | 44.6 | 1.8 | 37.9 | 5.8 | 11.2 | 4.3 | 3.0 | 6.9 | 1.5 | 5.6 | 10.1 | 1.8 | 23.2 | 23.7 | 8.9 | 3.5 |
| 2543 | 5039 | 497334 | 7338498 | 1.271 | 0.411 | 1.568 | 0.124 | 0.530 | 0.018 | 0.025 | 0.086 | .105 | 31.2 | 1.8 | 54.4 | 10.0 | 30.8 | 10.6 | 14.0 | 9.0 | 1.5 | 21.9 | 7.6 | 2.9 | 26.5 | 27.5 | 31.0 | 6.9 |
| 2543 | 5040 | 498134 | 7340348 | 1.096 | 0.381 | 1.403 | 0.124 | 0.492 | 0.016 | 0.025 | 0.088 | .089 | 29.3 | 1.8 | 48.9 | 9.6 | 28.2 | 10.0 | 14.0 | 8.4 | 1.5 | 21.3 | 9.7 | 2.7 | 24.1 | 25.0 | 28.6 | 6.1 |
| 2543 | 5041 | 502934 | 7341648 | 1.483 | 0.578 | 2.580 | 0.091 | 0.555 | 0.050 | 0.020 | 0.127 | .113 | 31.2 | 2.1 | 77.2 | 19.4 | 24.3 | 11.9 | 29.6 | 13.0 | 1.4 | 22.4 | 11.8 | 3.3 | 31.2 | 29.1 | 130.2 | 5.7 |
| 2543 | 5042 | 506484 | 7344798 | 0.896 | 0.305 | 1.380 | 0.123 | 0.341 | 0.024 | 0.014 | 0.096 | .089 | 24.4 | 1.8 | 59.7 | 9.6 | 15.7 | 9.4 | 20.0 | 8.9 | 1.5 | 15.1 | 11.8 | 2.1 | 21.1 | 17.9 | 38.3 | 7.4 |
| 2543 | 5043 | 505284 | 7343498 | 0.871 | 0.289 | 1.356 | 0.122 | 0.316 | 0.022 | 0.012 | 0.094 | .089 | 22.7 | 1.8 | 60.0 | 8.6 | 14.4 | 8.6 | 19.4 | 8.8 | 1.5 | 12.8 | 10.3 | 2.1 | 20.4 | 17.2 | 34.2 | 7.0 |
| 2543 | 5044 | 504234 | 7343748 | 0.797 | 0.350 | 1.285 | 0.104 | 0.303 | 0.024 | 0.012 | 0.103 | .097 | 23.1 | 1.8 | 66.4 | 8.6 | 14.2 | 8.9 | 20.4 | 7.9 | 1.5 | 12.5 | 12.9 | 2.5 | 23.2 | 17.9 | 30.8 | 8.2 |
| 2543 | 5045 | 503184 | 7343248 | 0.859 | 0.320 | 1.321 | 0.107 | 0.291 | 0.023 | 0.012 | 0.101 | .089 | 20.9 | 1.8 | 57.0 | 8.9 | 13.9 | 8.3 | 15.7 | 8.1 | 1.5 | 12.2 | 11.1 | 2.2 | 22.1 | 17.0 | 31.8 | 7.2 |
| 2543 | 5046 | 501034 | 7340348 | 1.071 | 0.320 | 1.462 | 0.112 | 0.479 | 0.018 | 0.021 | 0.073 | .121 | 29.4 | 1.8 | 50.0 | 8.6 | 31.4 | 9.4 | 13.9 | 9.4 | 1.5 | 20.7 | 7.8 | 2.7 | 25.6 | 28.7 | 21.6 | 5.7 |
| 2543 | 5047 | 497334 | 7341898 | 1.071 | 0.305 | 1.450 | 0.098 | 0.442 | 0.019 | 0.021 | 0.072 | .121 | 29.6 | 1.8 | 49.8 | 9.3 | 29.8 | 9.3 | 12.8 | 9.1 | 1.5 | 17.8 | 10.0 | 2.7 | 25.7 | 28.2 | 19.8 | 5.7 |
| 2543 | 5048 | 495134 | 7345148 | 0.709 | 0.320 | 1.238 | 0.099 | 0.253 | 0.034 | 0.017 | 0.084 | .089 | 23.3 | 1.8 | 50.0 | 9.0 | 14.5 | 8.6 | 10.1 | 5.2 | 1.5 | 9.9 | 7.7 | 2.5 | 21.7 | 19.5 | 18.3 | 5.8 |
| 2543 | 5049 | 493184 | 7344348 | 0.871 | 0.548 | 1.215 | 0.150 | 0.291 | 0.018 | 0.021 | 0.153 | .080 | 24.1 | 1.8 | 74.6 | 6.4 | 18.2 | 12.9 | 27.1 | 6.2 | 1.5 | 13.4 | 12.6 | 2.9 | 23.3 | 19.2 | 15.4 | 7.1 |
| 2543 | 5050 | 491484 | 7344348 | 0.946 | 0.594 | 1.344 | 0.171 | 0.341 | 0.019 | 0.023 | 0.162 | .089 | 27.2 | 1.8 | 79.5 | 6.9 | 19.3 | 14.6 | 30.4 | 6.9 | 1.5 | 13.8 | 11.1 | 3.1 | 23.9 | 21.0 | 19.0 | 7.7 |
| 2543 | 5051 | 490984 | 7345048 | 0.896 | 0.548 | 1.274 | 0.160 | 0.328 | 0.018 | 0.020 | 0.162 | .080 | 25.8 | 1.8 | 74.5 | 6.4 | 19.0 | 13.3 | 27.4 | 6.5 | 1.5 | 11.2 | 10.5 | 2.9 | 22.0 | 19.6 | 17.2 | 7.0 |
| 2543 | 5052 | 492084 | 7341798 | 0.971 | 0.548 | 1.262 | 0.160 | 0.467 | 0.016 | 0.024 | 0.127 | .113 | 33.0 | 1.8 | 58.4 | 7.0 | 28.7 | 12.7 | 18.8 | 7.4 | 1.5 | 17.5 | 9.3 | 2.9 | 30.5 | 24.9 | 21.4 | 7.9 |
| 2543 | 5053 | 488384 | 7341648 | 0.784 | 0.076 | 0.979 | 0.108 | 0.291 | 0.011 | 0.017 | 0.059 | .080 | 17.3 | 1.8 | 61.3 | 5.1 | 18.2 | 10.9 | 25.9 | 5.2 | 1.5 | 10.0 | 9.1 | 2.0 | 13.3 | 19.6 | 14.7 | 4.4 |
| 2543 | 5054 | 513434 | 7358948 | 0.846 | 0.183 | 1.474 | 0.134 | 0.404 | 0.015 | 0.010 | 0.109 | .029 | 20.8 | 1.8 | 56.7 | 7.1 | 12.7 | 12.8 | 15.7 | 7.8 | 1.5 | 12.5 | 12.0 | 1.8 | 17.6 | 14.0 | 30.8 | 8.4 |
| 2543 | 5055 | 513434 | 7361648 | 0.759 | 0.350 | 1.509 | 0.139 | 0.341 | 0.018 | 0.010 | 0.144 | .043 | 21.3 | 1.8 | 62.6 | 8.2 | 13.0 | 13.3 | 17.9 | 7.2 | 1.4 | 13.2 | 15.7 | 2.0 | 29.0 | 14.1 | 44.1 | 13.6 |
| 2543 | 5056 | 515934 | 7362548 | 0.709 | 0.198 | 1.062 | 0.128 | 0.303 | 0.012 | 0.010 | 0.106 | .043 | 22.0 | 1.8 | 55.9 | 6.2 | 13.0 | 9.1 | 15.3 | 7.1 | 1.5 | 10.1 | 11.0 | 1.8 | 21.7 | 12.3 | 27.8 | 7.8 |
| 2543 | 5057 | 516684 | 7362398 | 0.784 | 0.092 | 1.262 | 0.112 | 0.328 | 0.011 | 0.009 | 0.091 | .039 | 16.9 | 1.8 | 54.3 | 5.6 | 13.1 | 8.2 | 14.5 | 7.7 | 1.5 | 9.3 | 12.1 | 1.8 | 15.7 | 14.0 | 26.0 | 5.4 |
| 2543 | 5058 | 514134 | 7364848 | 0.734 | 0.305 | 1.191 | 0.106 | 0.316 | 0.013 | 0.011 | 0.118 | .066 | 18.9 | 1.8 | 52.5 | 5.5 | 11.5 | 6.8 | 12.6 | 6.5 | 1.5 | 11.0 | 7.6 | 1.8 | 25.7 | 15.0 | 17.8 | 6.9 |
| 2543 | 5059 | 512834 | 7365098 | 0.647 | 0.426 | 1.097 | 0.112 | 0.215 | 0.017 | 0.012 | 0.127 | .070 | 22.1 | 1.8 | 70.9 | 5.9 | 8.6 | 7.4 | 23.1 | 6.0 | 1.5 | 8.0 | 14.7 | 2.4 | 50.0 | 13.0 | 29.1 | 11.8 |
| 2543 | 5060 | 488934 | 7346798 | 0.822 | 0.289 | 1.556 | 0.139 | 0.391 | 0.017 | 0.010 | 0.127 | .047 | 24.3 | 1.8 | 65.0 | 8.9 | 14.2 | 13.3 | 19.9 | 8.0 | 1.4 | 14.5 | 14.3 | 2.1 | 26.4 | 15.0 | 45.2 | 11.4 |
| 2543 | 5061 | 512934 | 7376398 | 0.747 | 0.228 | 0.838 | 0.139 | 0.278 | 0.015 | 0.011 | 0.073 | .105 | 47.4 | 1.8 | 60.0 | 4.8 | 22.9 | 8.1 | 21.2 | 6.7 | 1.5 | 7.8 | 23.6 | 1.8 | 24.9 | 14.7 | 33.5 | 12.9 |
| 2543 | 5062 | 515984 | 7376598 | 1.046 | 0.426 | 1.474 | 0.192 | 0.505 | 0.029 | 0.014 | 0.092 | .154 | 54.6 | 2.7 | 66.3 | 9.0 | 30.0 | 10.3 | 24.5 | 10.9 | 1.5 | 14.3 | 26.9 | 2.4 | 31.2 | 22.1 | 92.6 | 12.6 |
| 2543 | 5063 | 516234 | 7379598 | 0.422 | 0.092 | 0.697 | 0.092 | 0.008 | 0.012 | 0.009 | 0.069 | .047 | 10.6 | 1.8 | 82.6 | 3.7 | 4.1 | 5.1 | 42.2 | 3.2 | 1.5 | 3.9 | 19.3 | 1.3 | 15.9 | 6.1 | 17.8 | 9.5 |
| 2543 | 5064 | 514334 | 7380098 | 0.347 | 0.137 | 0.473 | 0.098 | 0.024 | 0.011 | 0.009 | 0.072 | .054 | 12.5 | 1.8 | 66.6 | 3.7 | 4.4 | 5.1 | 30.1 | 3.3 | 1.5 | 3.9 | 17.5 | 1.5 | 19.9 | 6.2 | 12.0 | 11.0 |
| 2543 | 5065 | 514734 | 7381548 | 0.260 | 0.000 | 0.320 | 0.062 | -0.025 | 0.012 | 0.009 | 0.036 | .030 | 2.4 | 1.8 | 62.9 | 3.7 | 3.2 | 4.2 | 22.0 | 3.4 | 1.5 | 3.9 | 14.4 | 1.3 | 11.9 | 2.8 | 12.6 | 5.9 |
| 2543 | 5066 | 517084 | 7381598 | 0.222 | 0.015 | 0.285 | 0.065 | -0.037 | 0.012 | 0.007 | 0.037 | .026 | 2.3 | 1.8 | 62.7 | 3.7 | 3.4 | 4.3 | 23.0 | 2.6 | 1.5 | 3.9 | 16.9 | 1.3 | 11.7 | 2.3 | 8.2 | 5.3 |
| 2543 | 5067 | 515684 | 7387348 | 0.347 | 0.015 | 0.544 | 0.065 | -0.010 | 0.011 | 0.010 | 0.041 | .055 | 7.8 | 1.8 | 59.3 | 3.7 | 4.3 | 5.0 | 18.7 | 2.7 | 1.5 | 3.9 | 12.9 | 1.4 | 19.6 | 6.7 | 3.2 | 7.4 |
| 2543 | 5068 | 517284 | 7387598 | 0.272 | 0.092 | 0.297 | 0.054 | -0.016 | 0.008 | 0.009 | 0.063 | .058 | 4.2 | 1.8 | 53.6 | 3.7 | 4.4 | 3.2 | 16.2 | 2.3 | 1.5 | 3.9 | 7.5 | 1.3 | 18.5 | 5.6 | 0.0 | 11.0 |
| 2543 | 5069 | 516134 | 7385798 | 0.334 | 0.152 | 0.367 | 0.061 | 0.005 | 0.010 | 0.010 | 0.069 | .067 | 6.2 | 1.8 | 59.4 | 3.7 | 4.8 | 3.7 | 19.1 | 2.9 | 1.5 | 3.9 | 8.5 | 1.5 | 21.2 | 6.3 | 2.6 | 11.9 |
| 2543 | 5070 | 515934 | 7384398 | 0.322 | 0.122 | 0.367 | 0.063 | 0.010 | 0.009 | 0.010 | 0.067 | .066 | 6.8 | 1.8 | 56.8 | 3.7 | 4.0 | 3.7 | 19.4 | 3.1 | 1.5 | 3.9 | 9.6 | 1.4 | 19.9 | 6.3 | 2.9 | 11.7 |

Rana 1992 PRØVENUMMERKART 2543.17

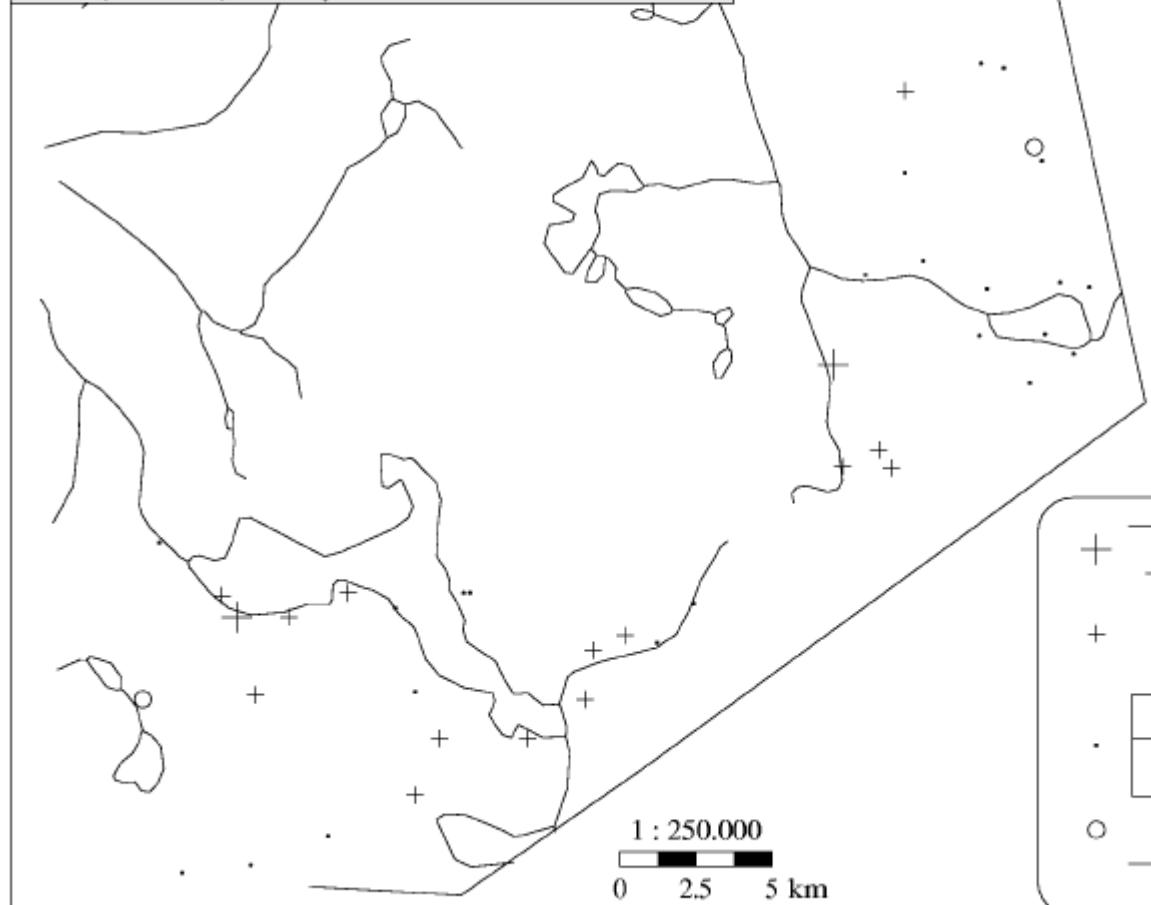
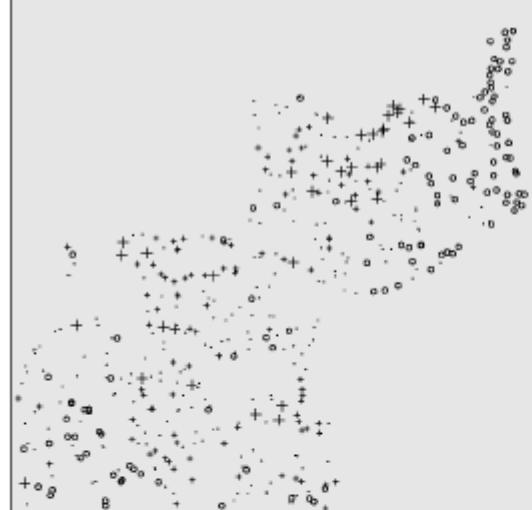
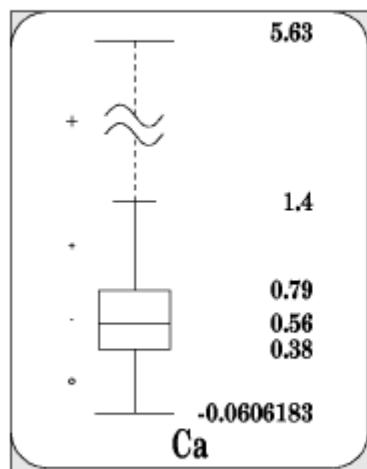


% Al



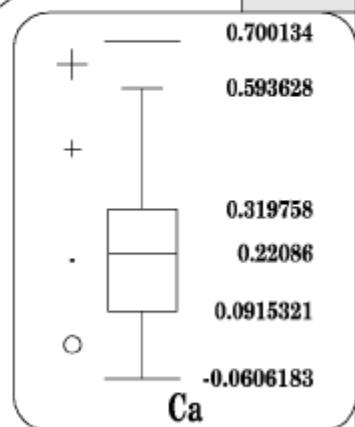
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% Ca

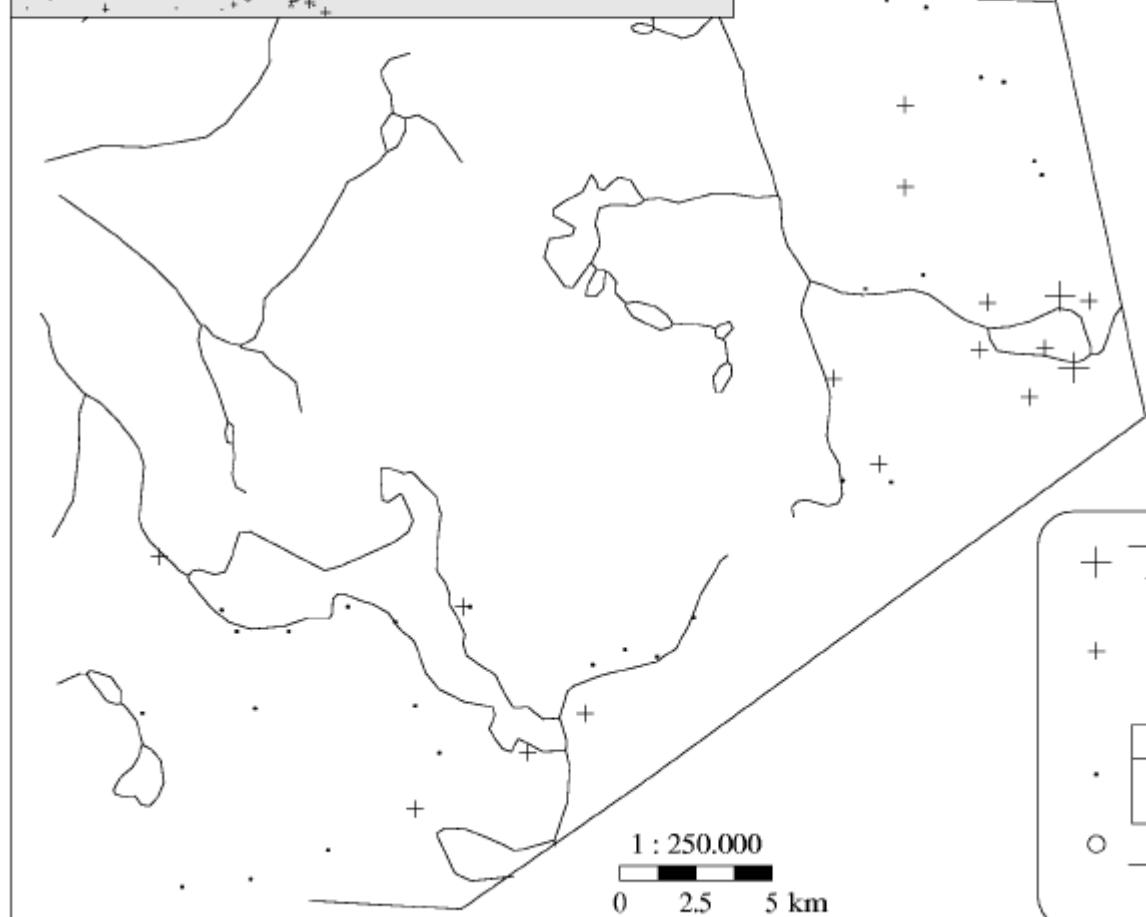
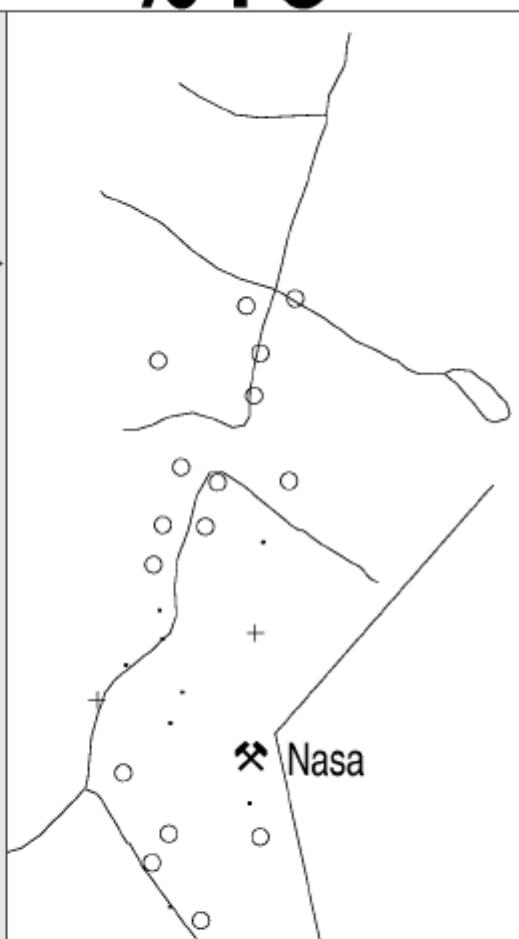
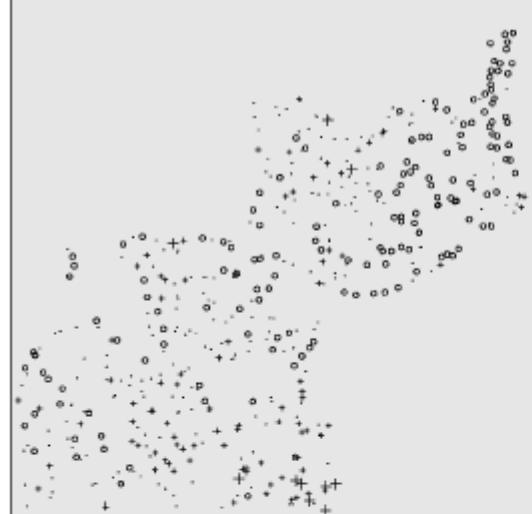
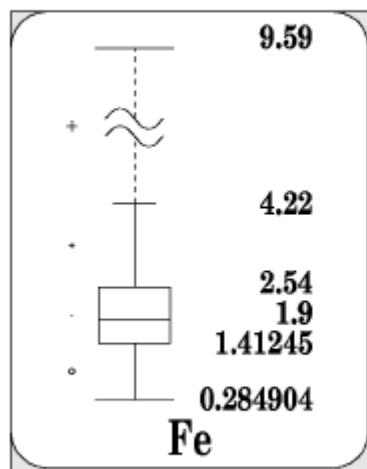


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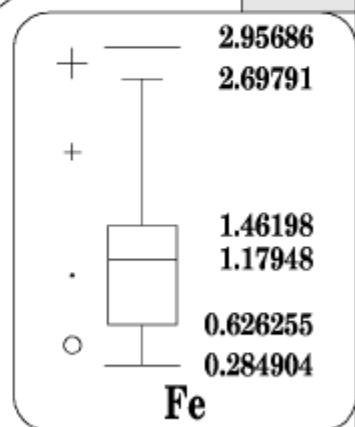
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% Fe

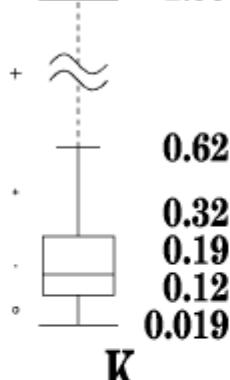


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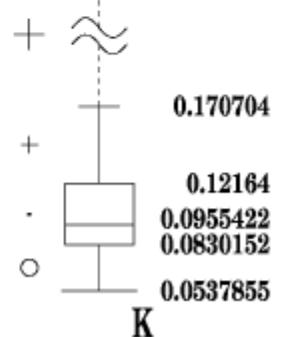
% K

1.99



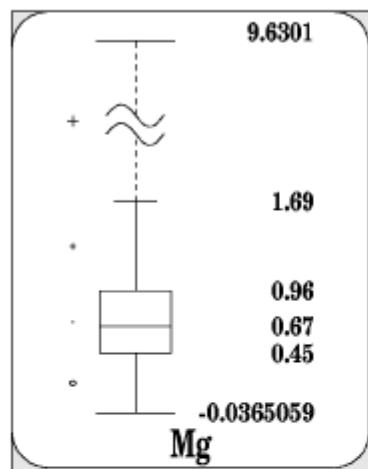
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0.254217



1 : 250.000
0 2.5 5 km

% Mg



9.6301

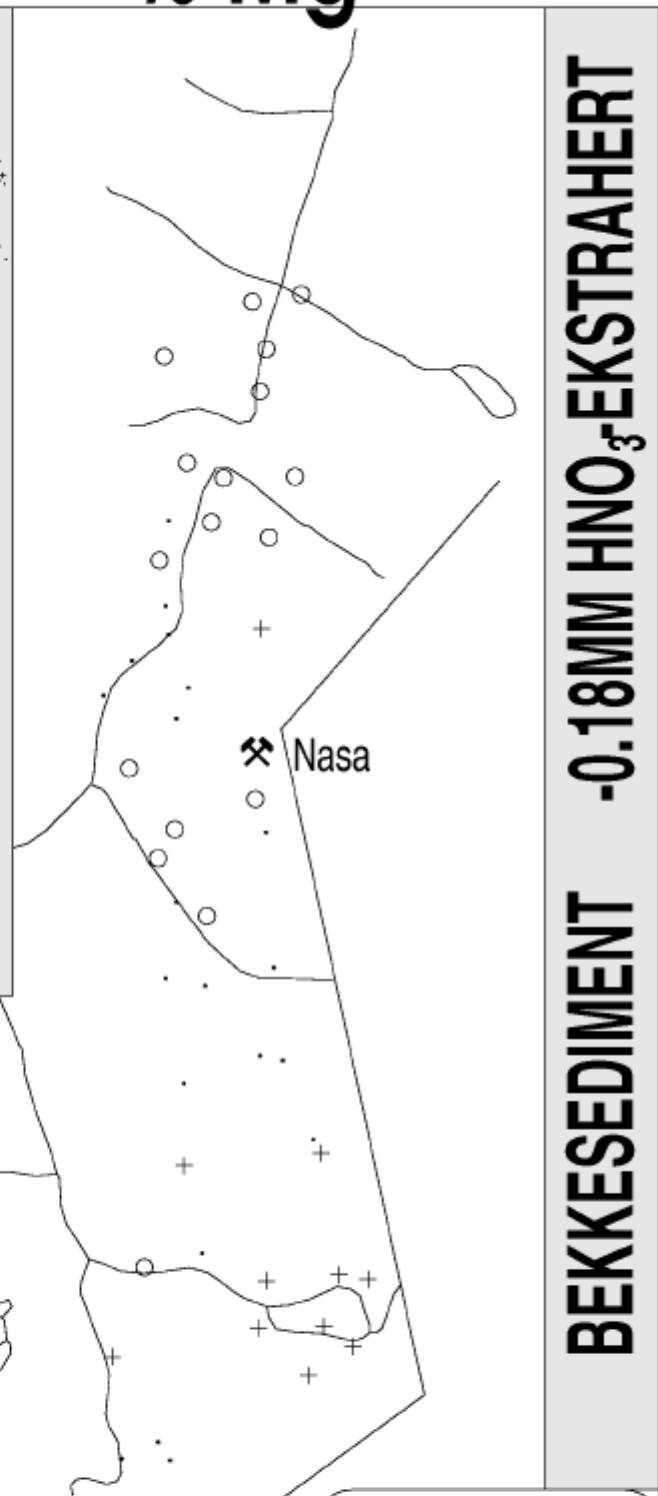
1.69

0.96

0.67

0.45

Mg



BEKKESEDIMENT

-0.18MM HNO₃EKSTRAHERT

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0.391338

0.265502

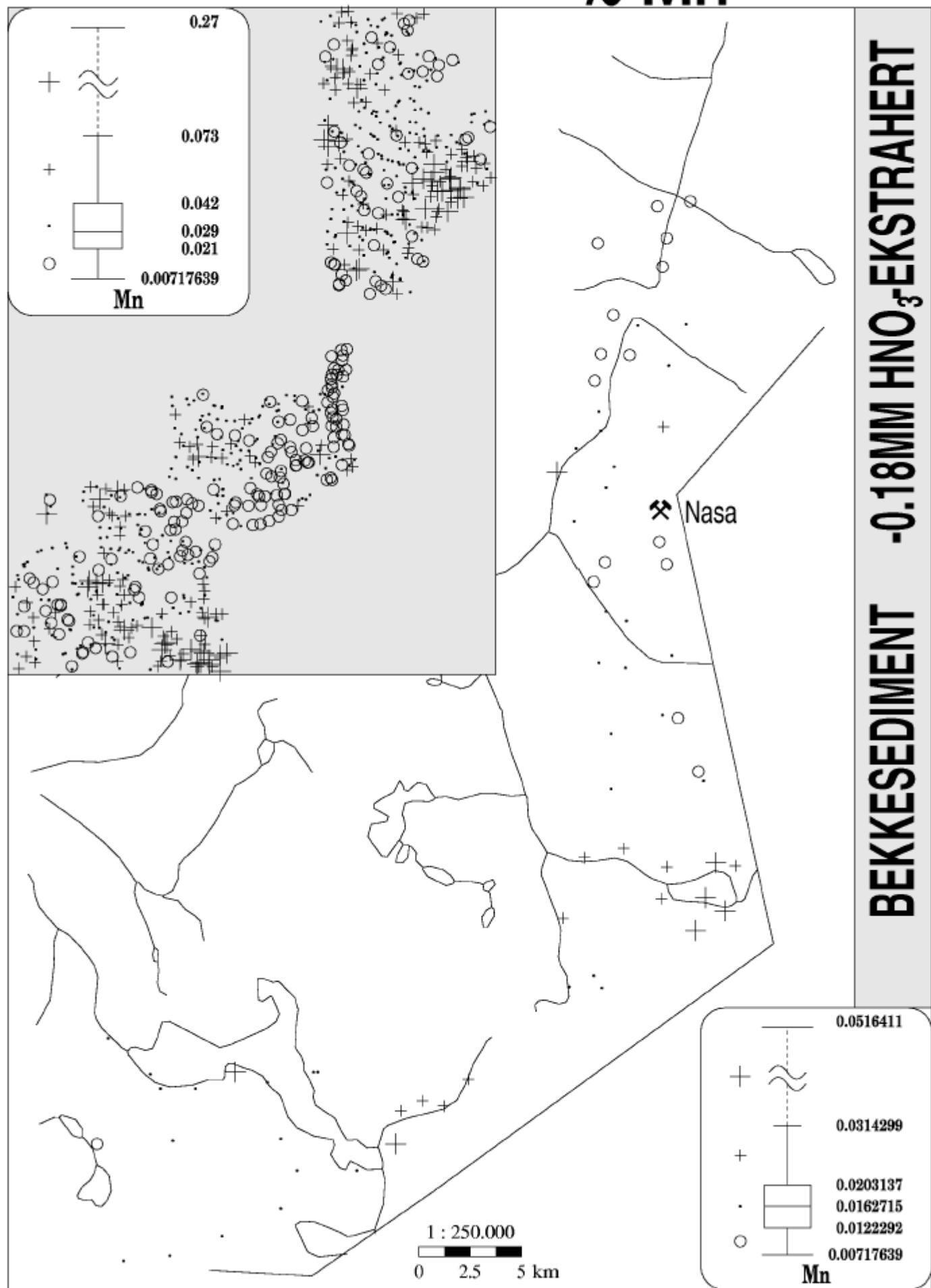
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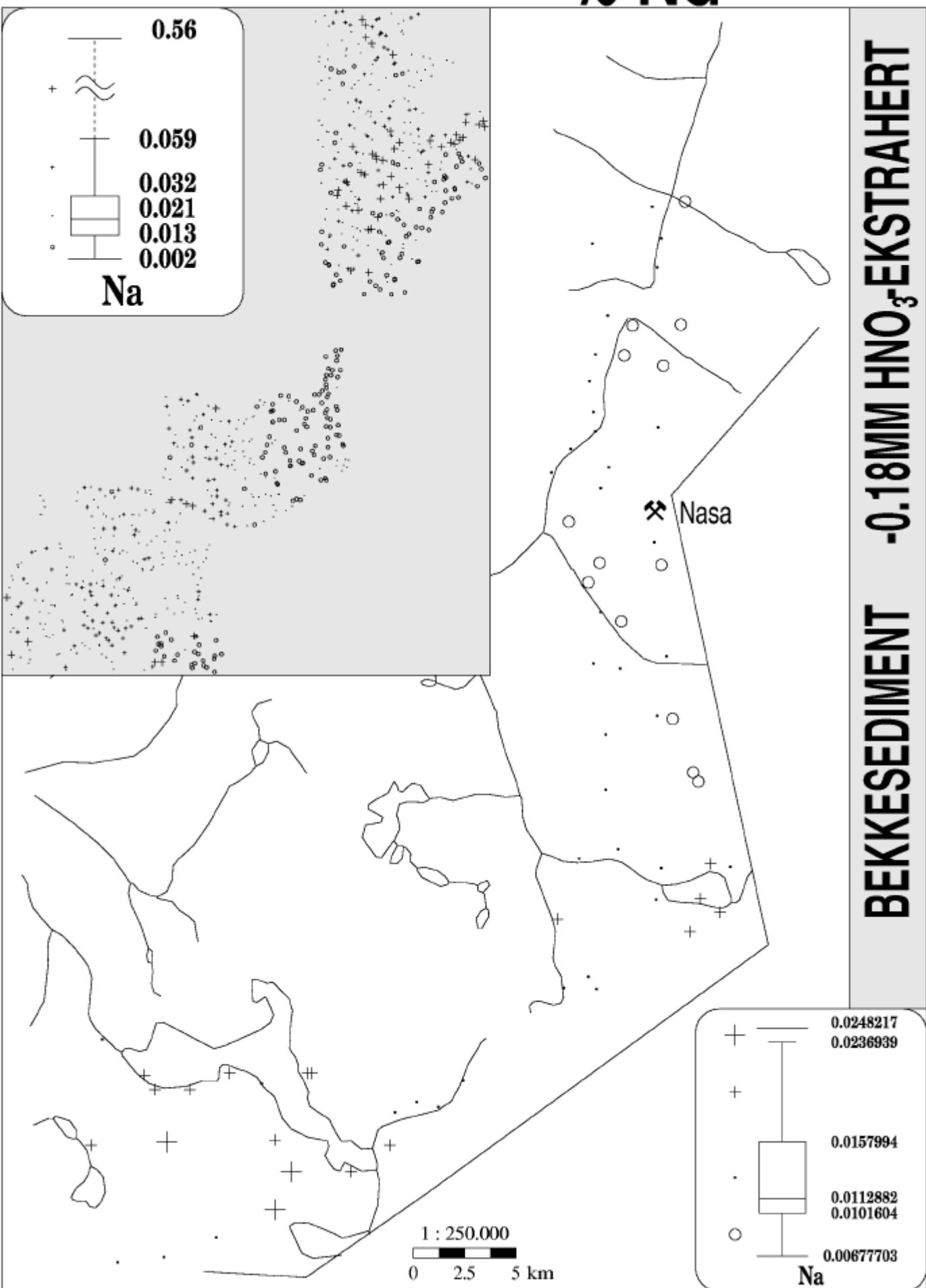
Mg

1 : 250.000
0 2.5 5 km

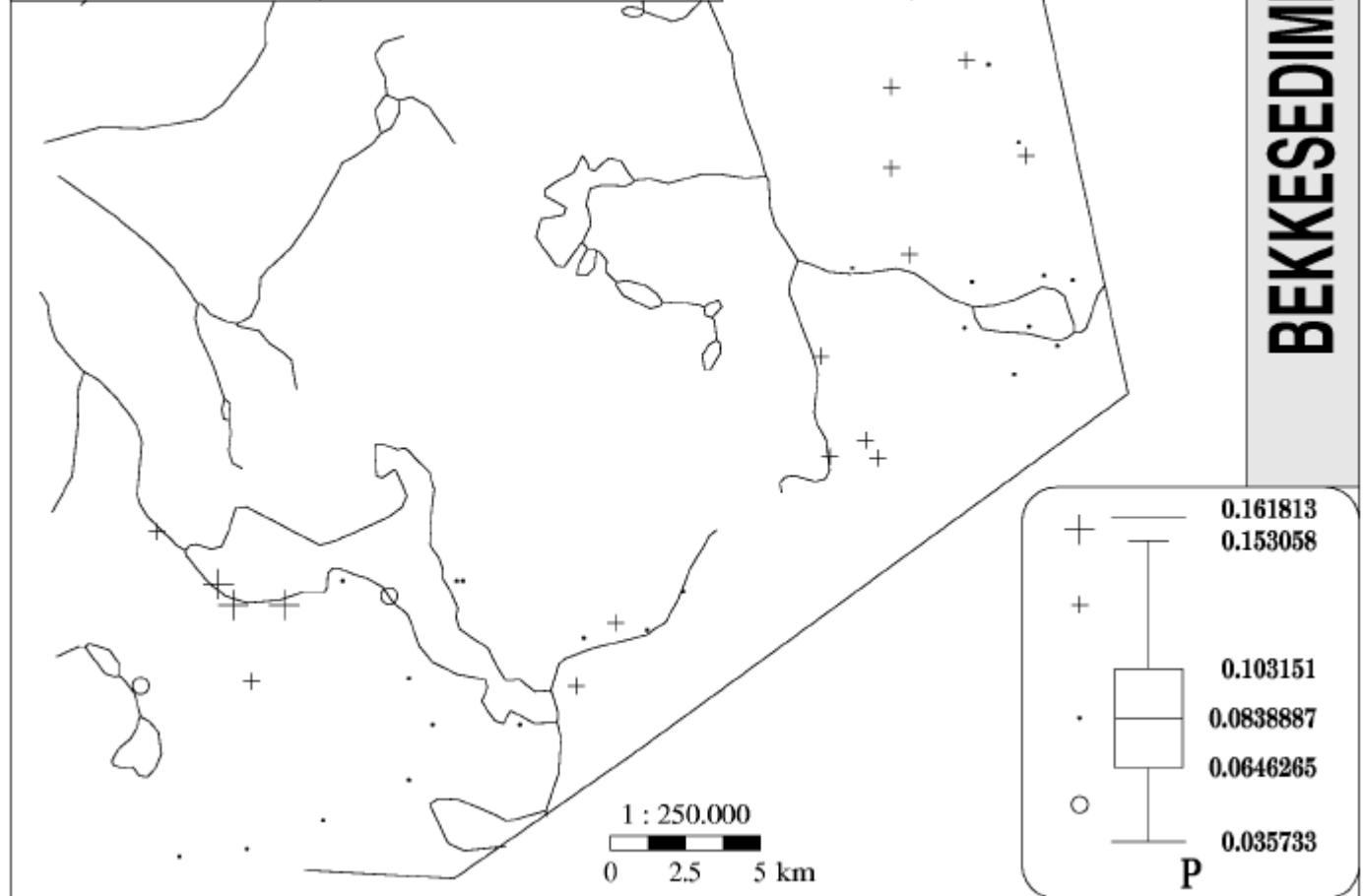
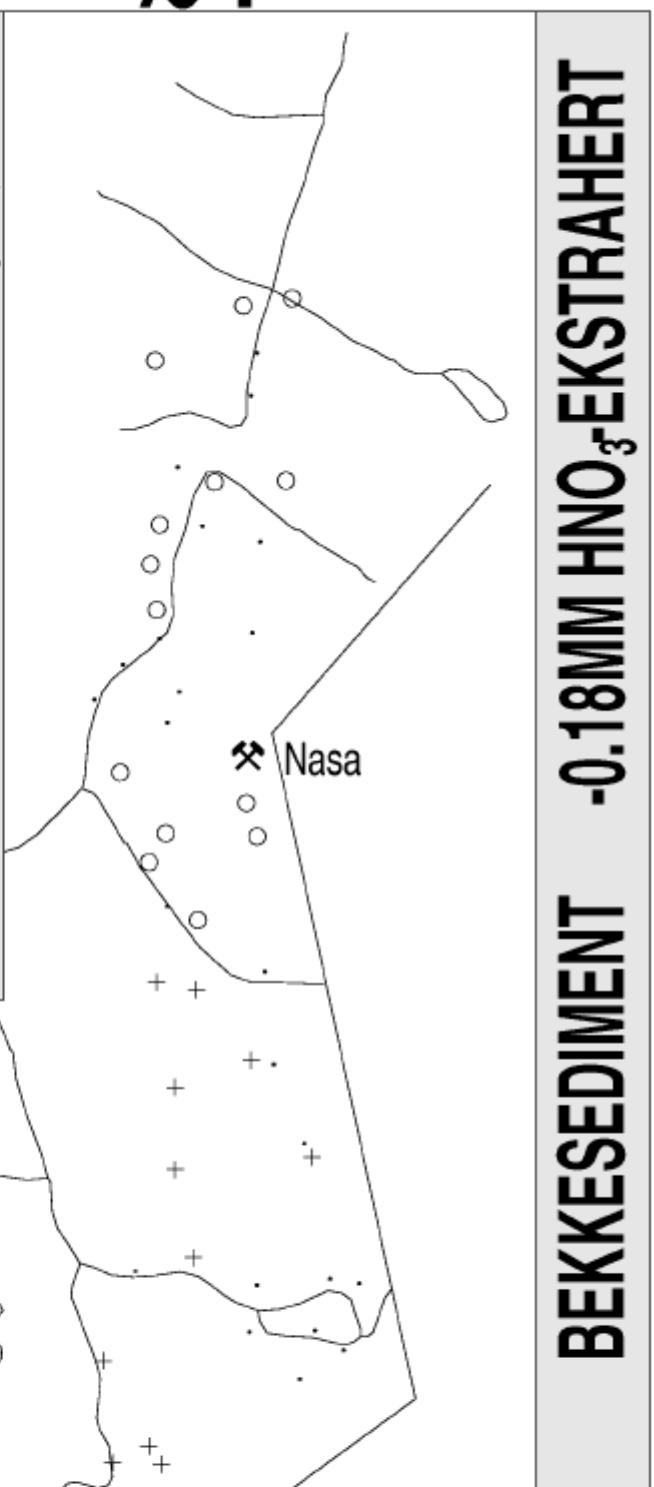
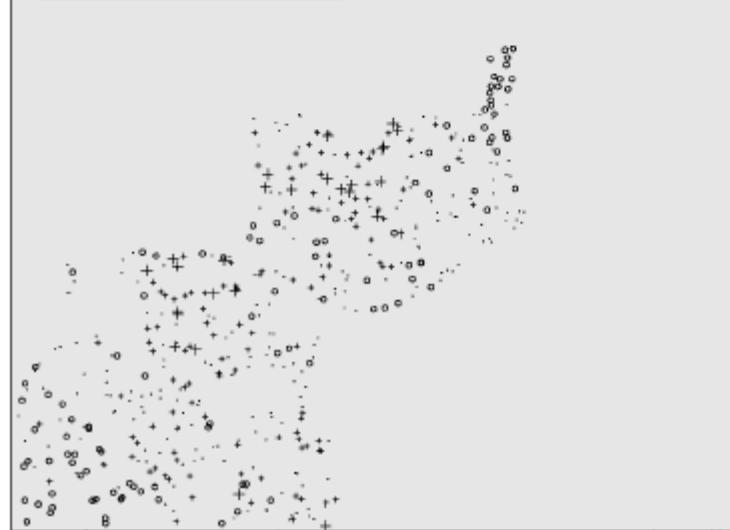
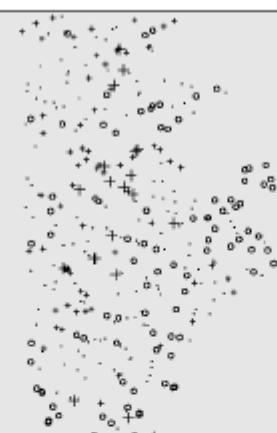
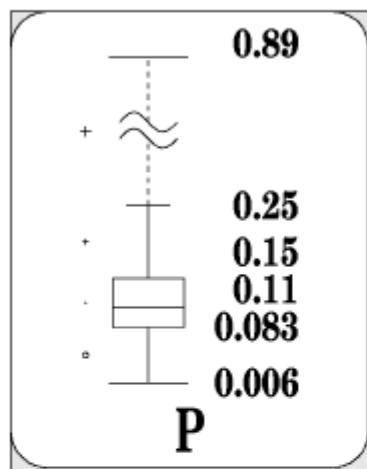
% Mn



% Na



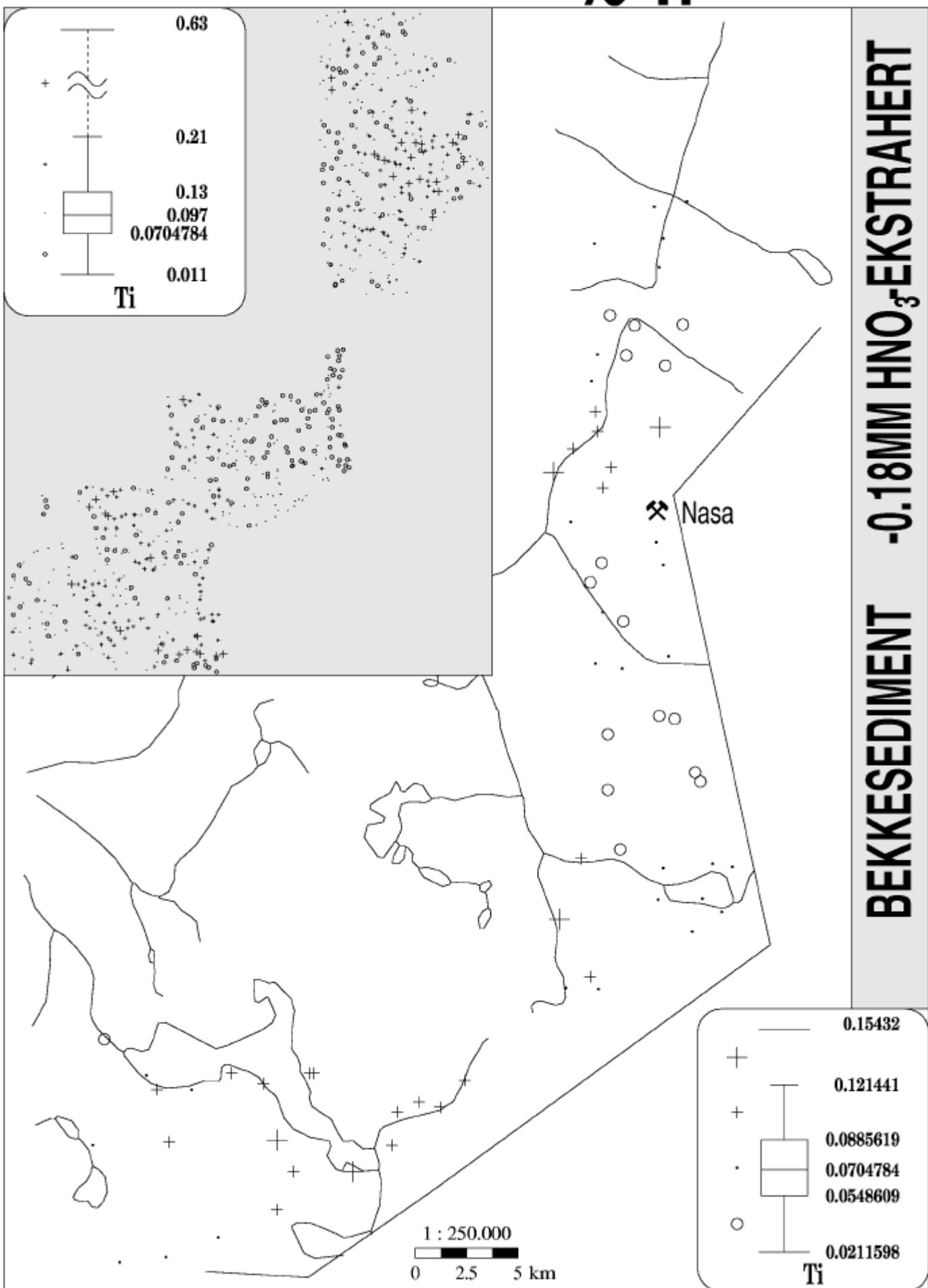
% P



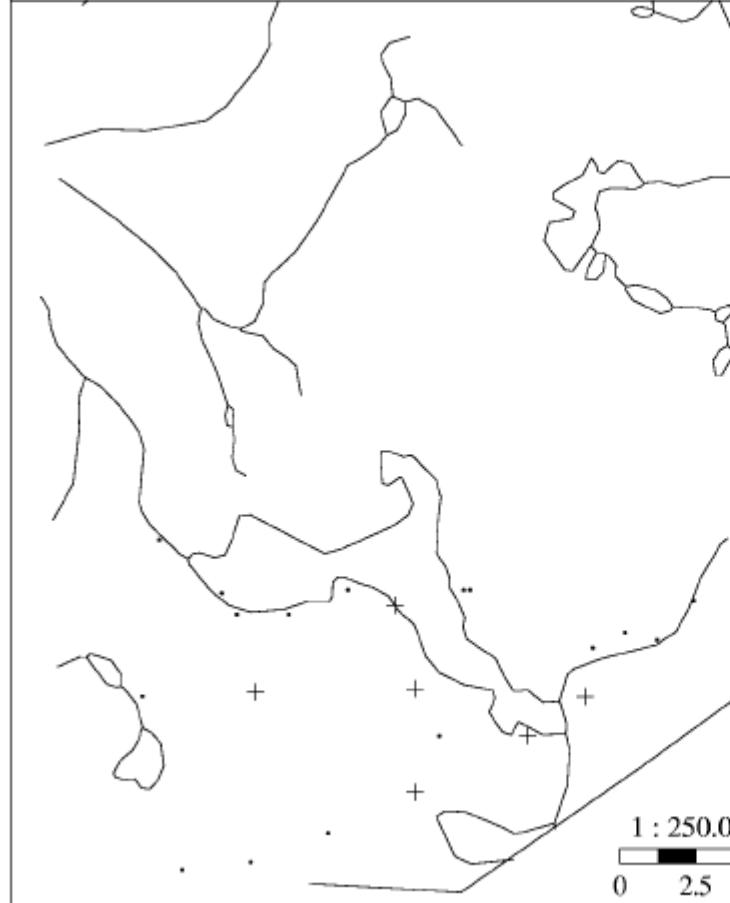
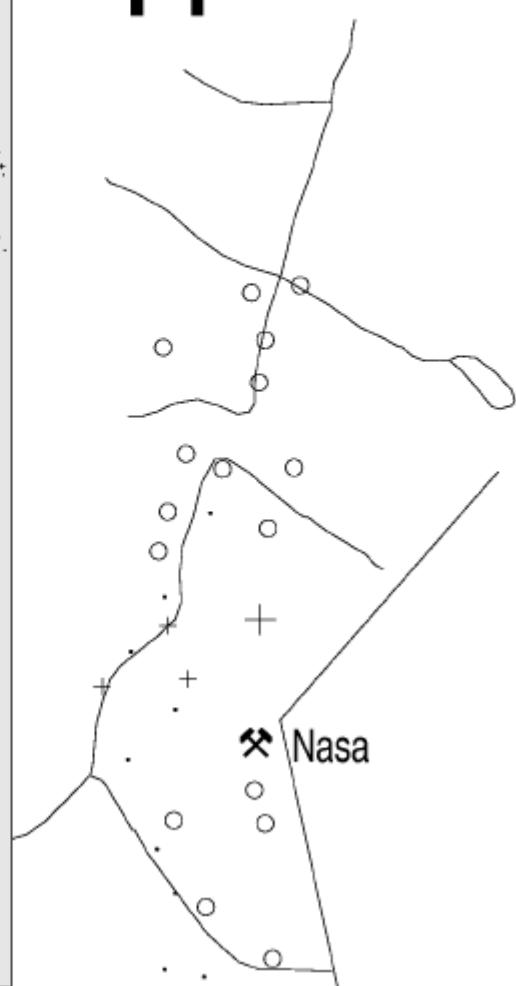
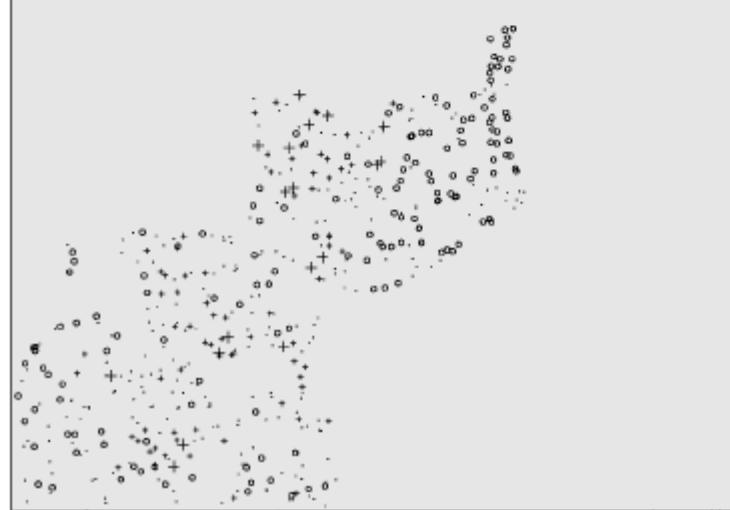
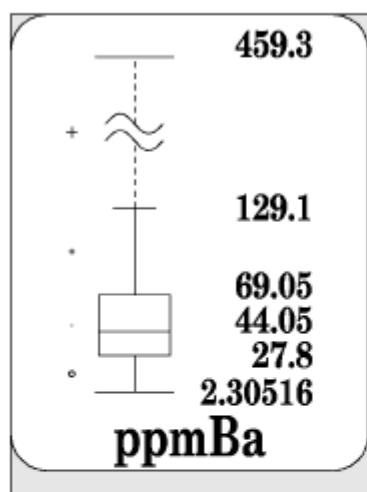
BEKKESEDIMENT -0.18MM HNO₃EKSTRAHERT

% Ti

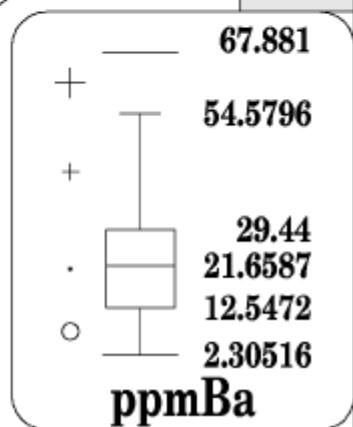
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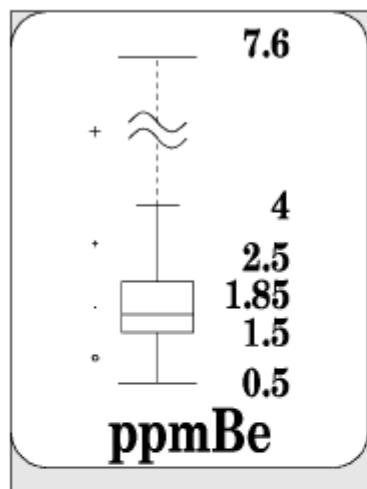
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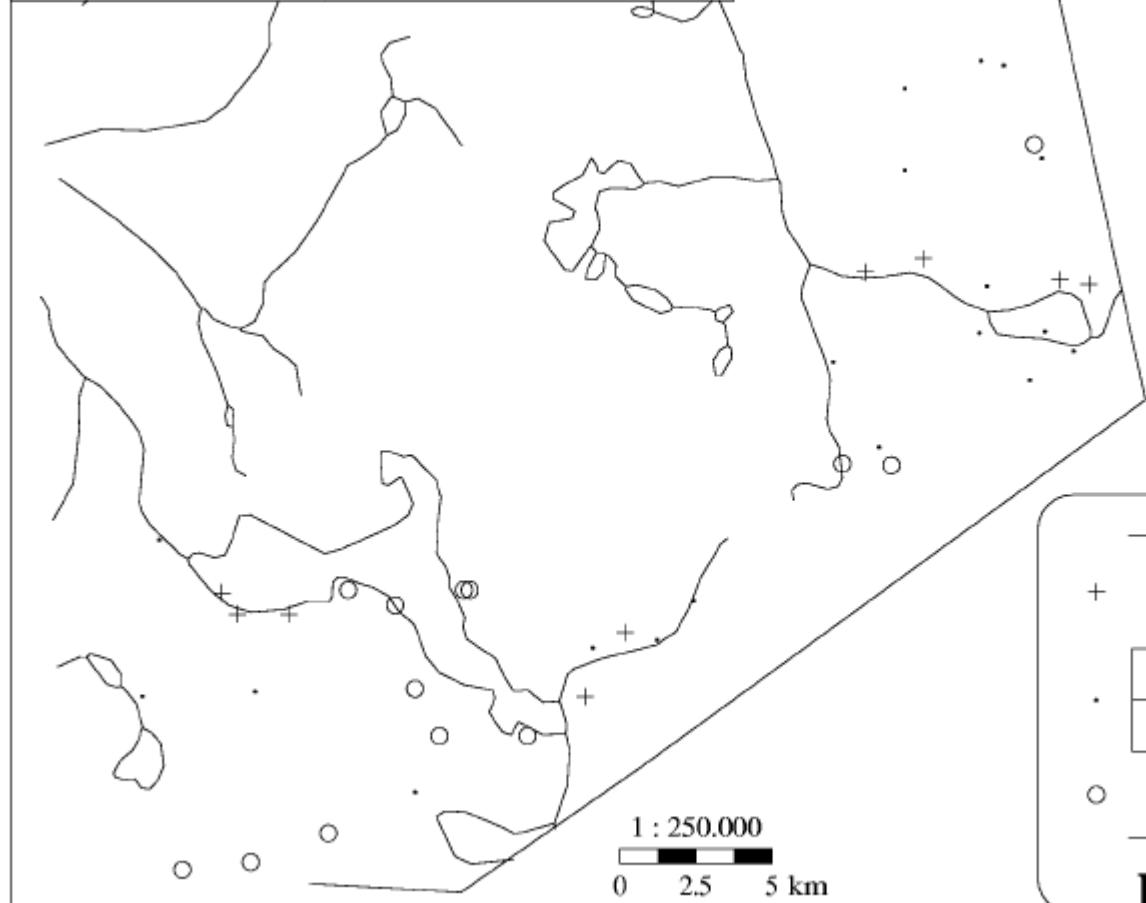
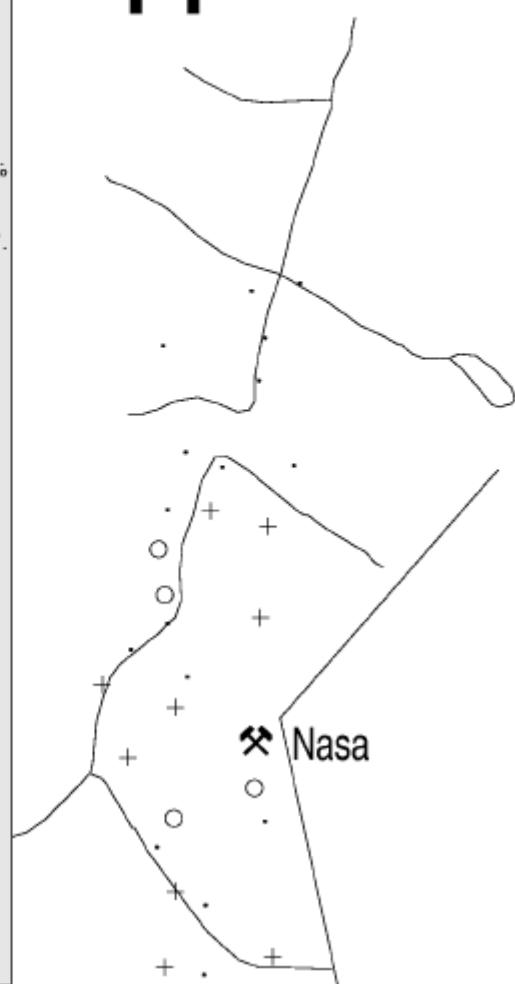
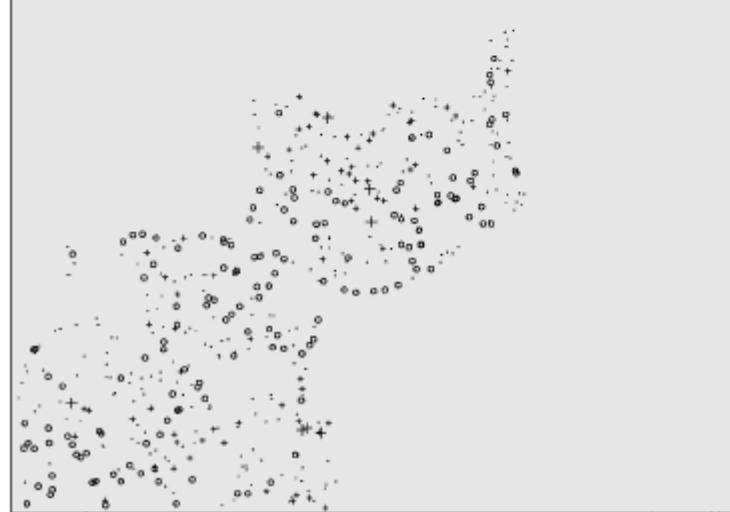
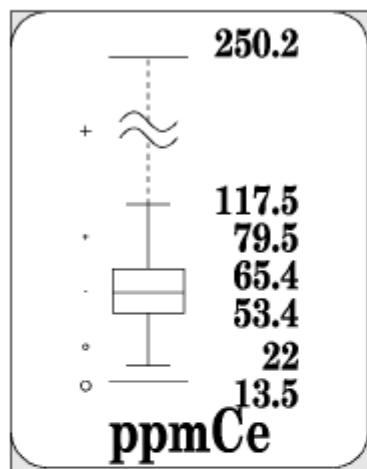
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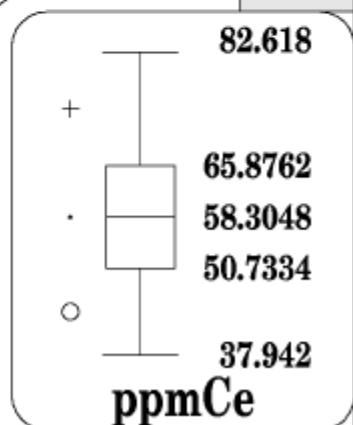
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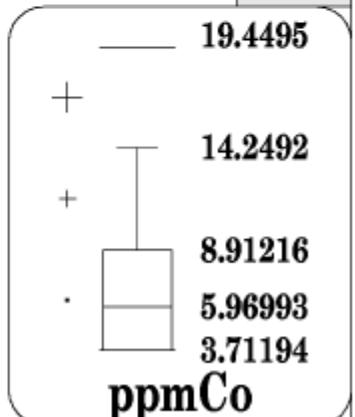
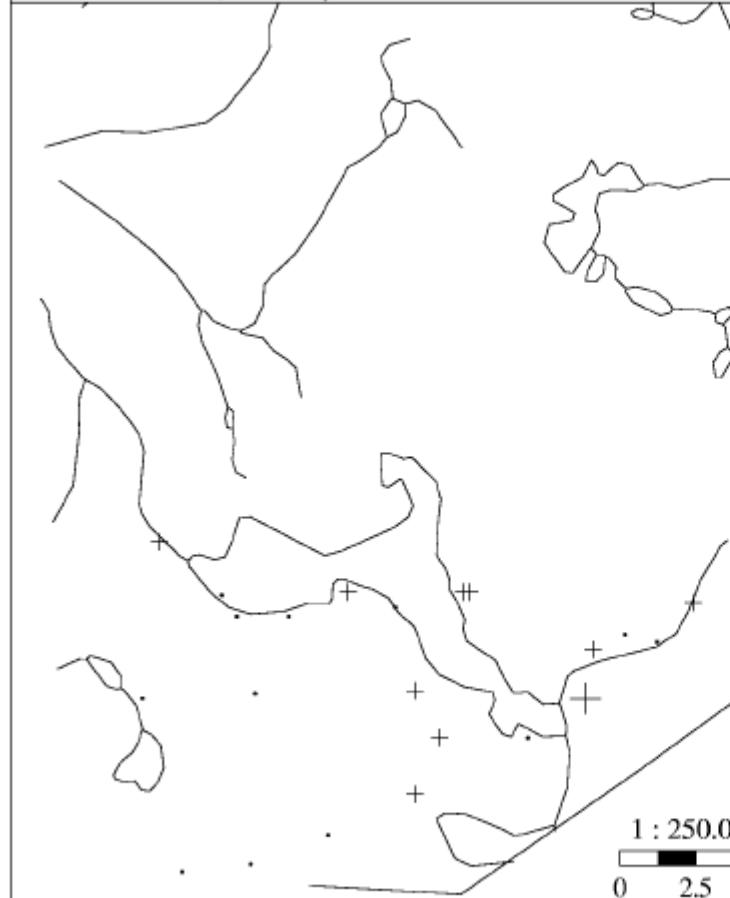
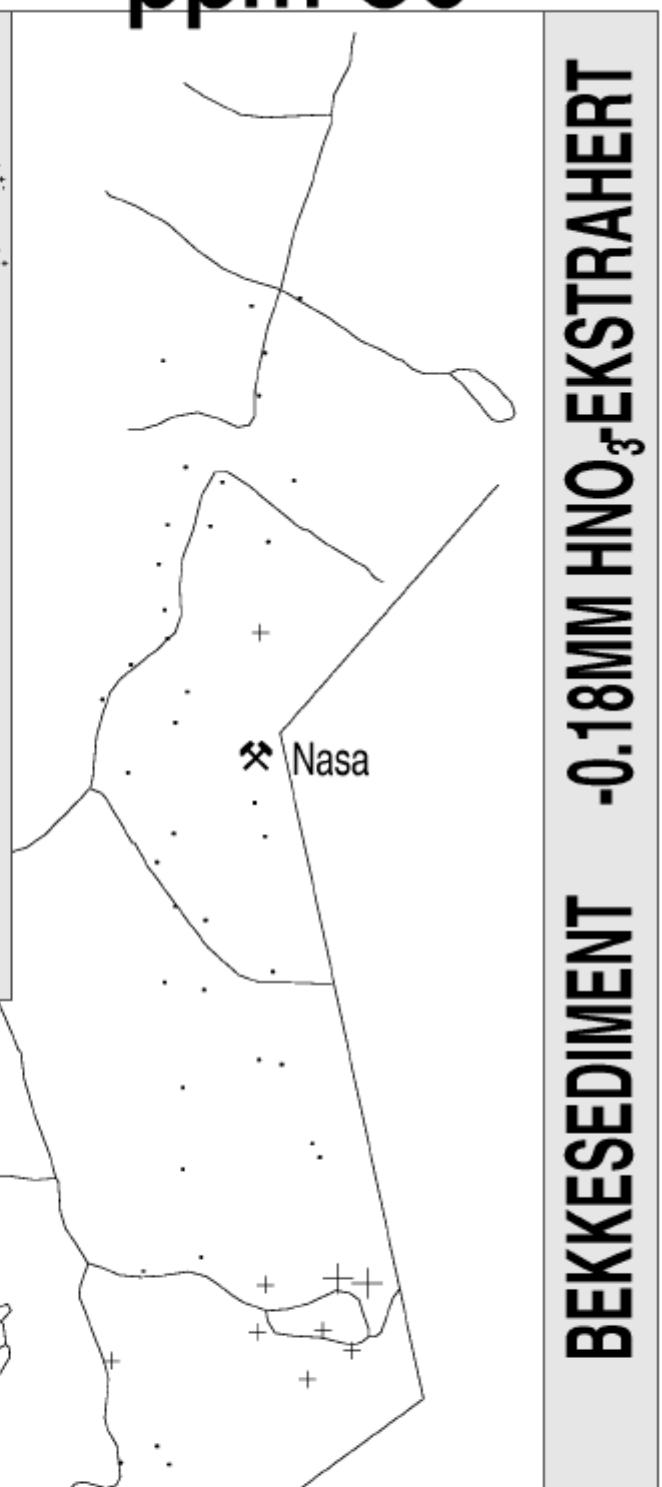
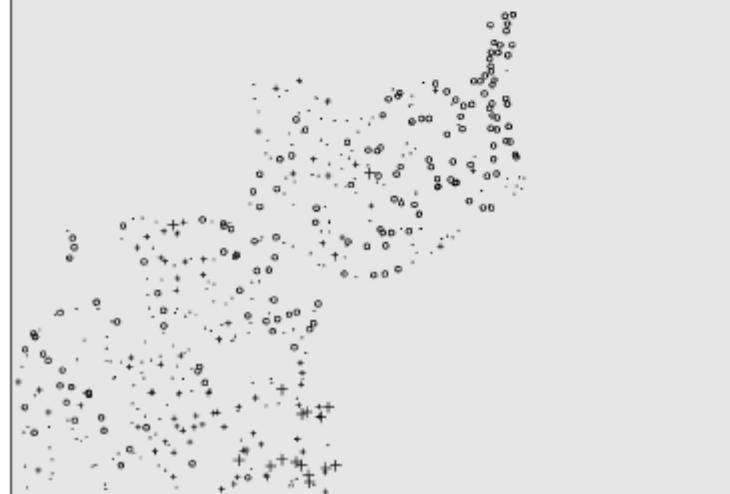
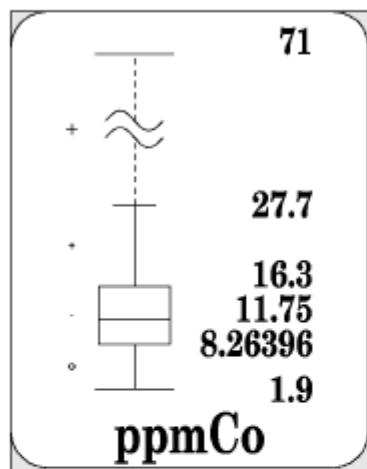
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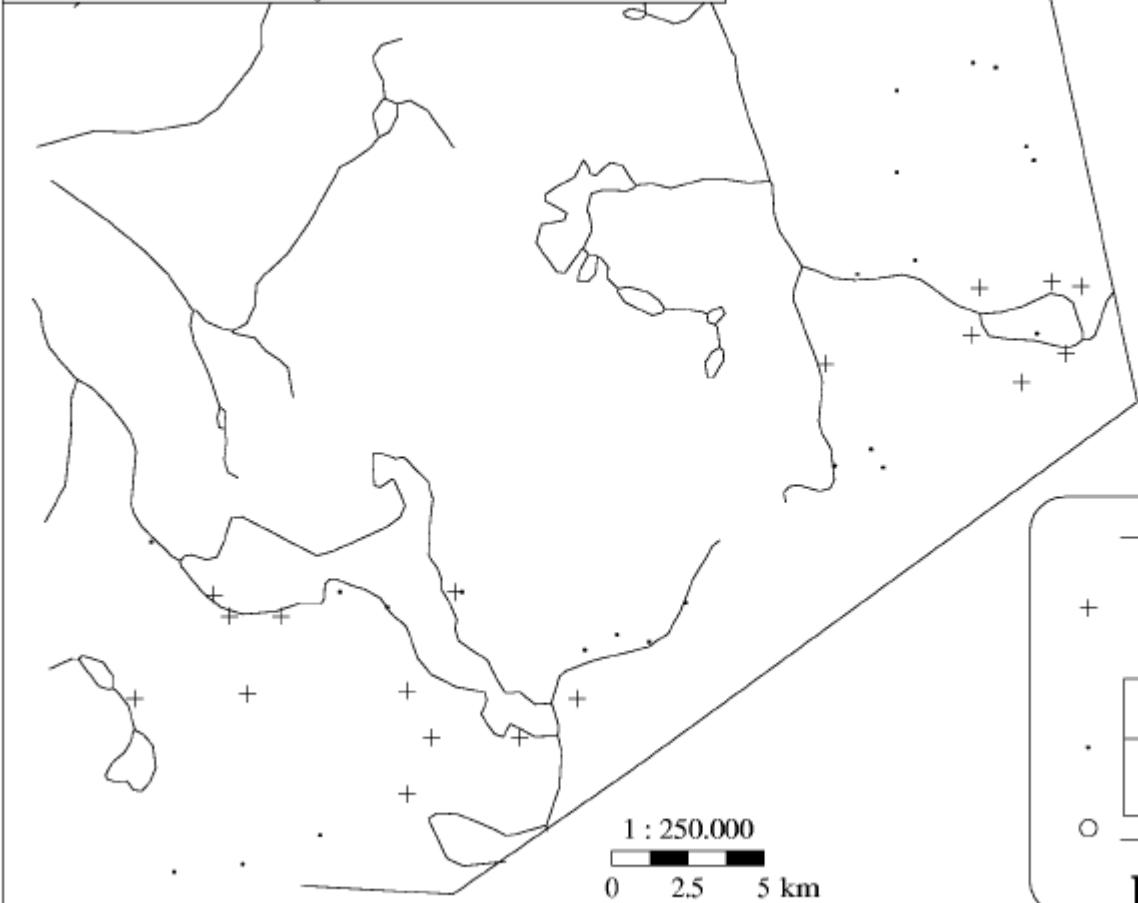
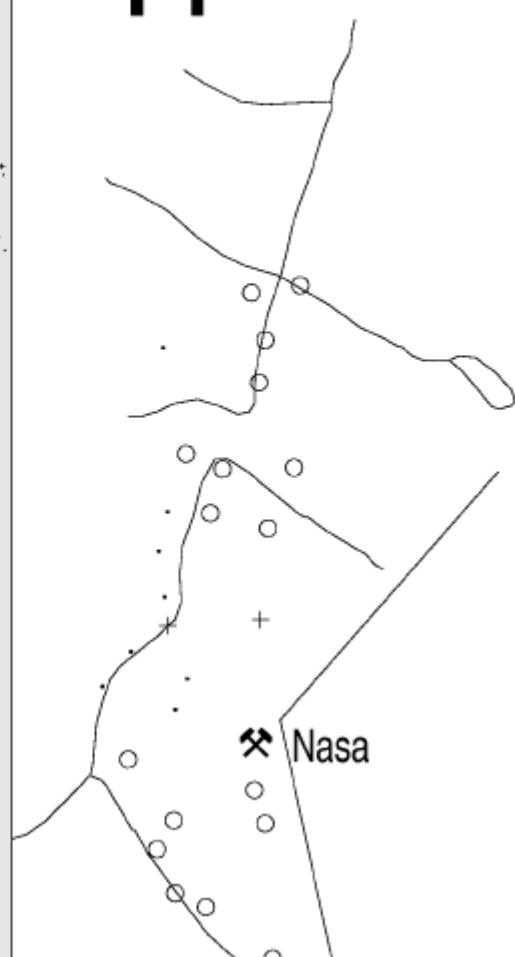
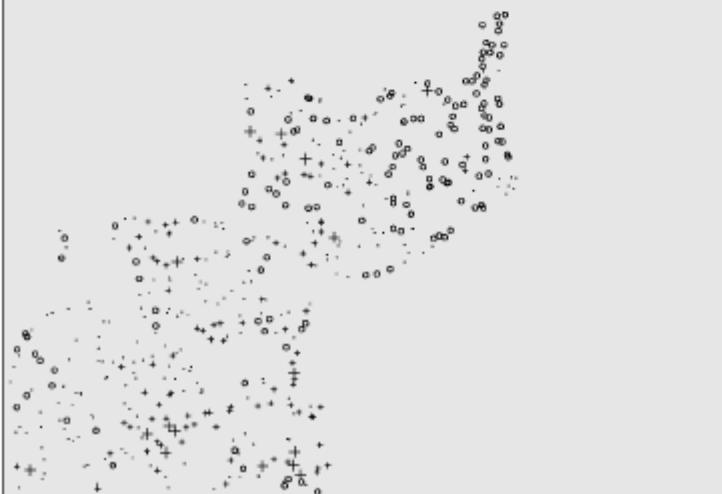
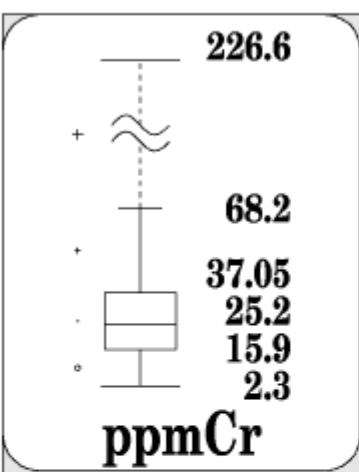
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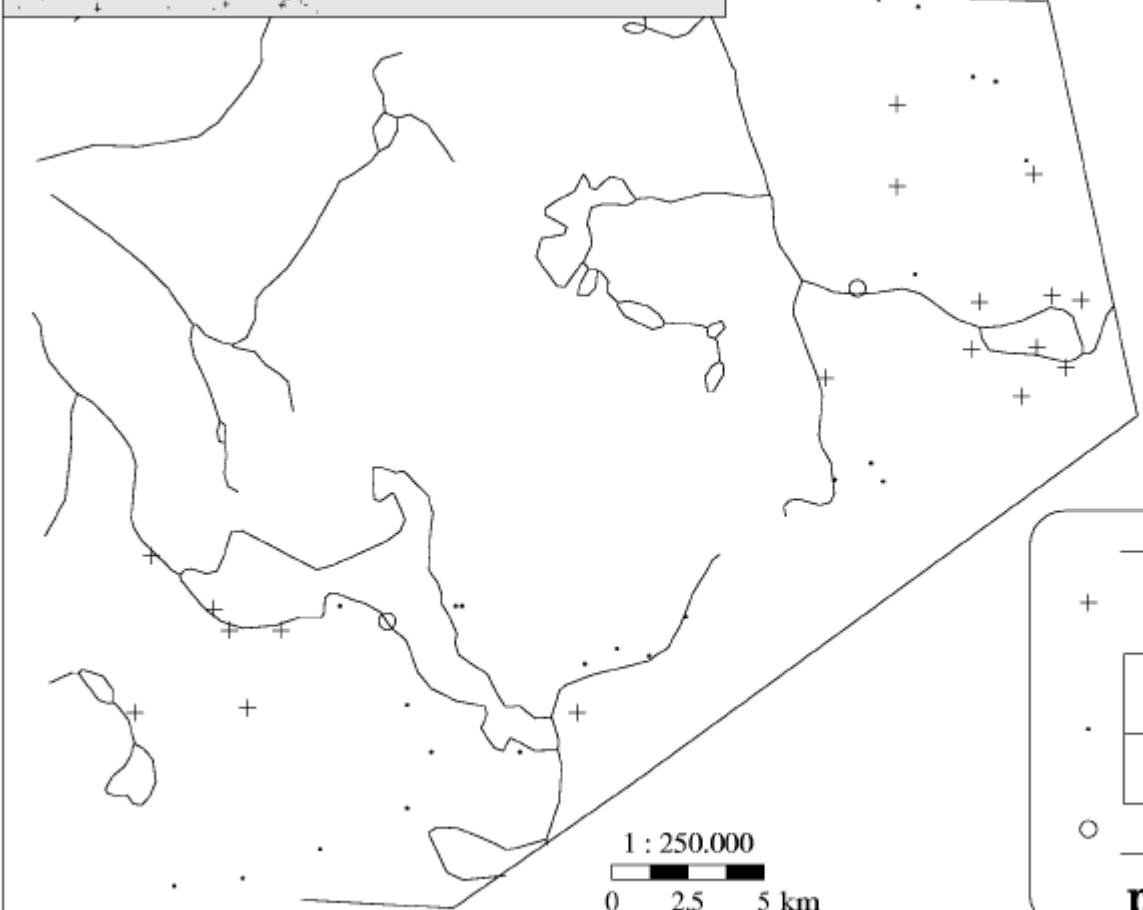
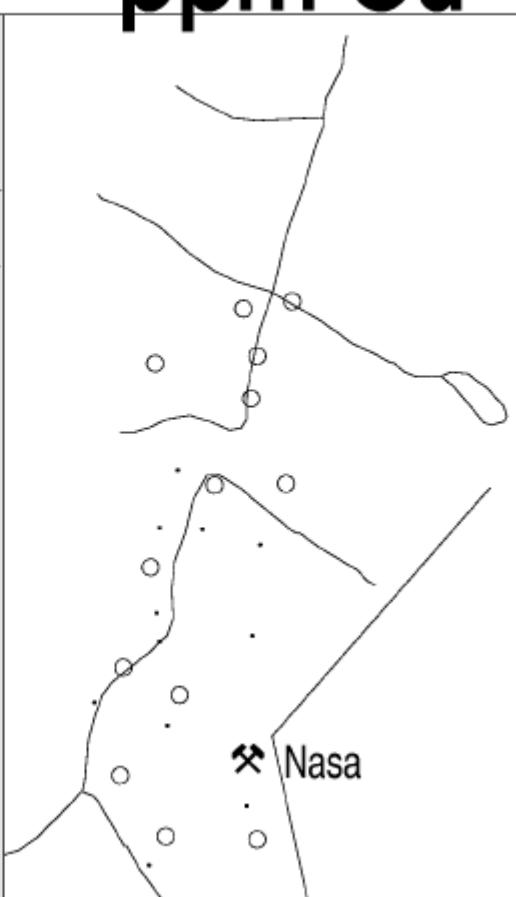
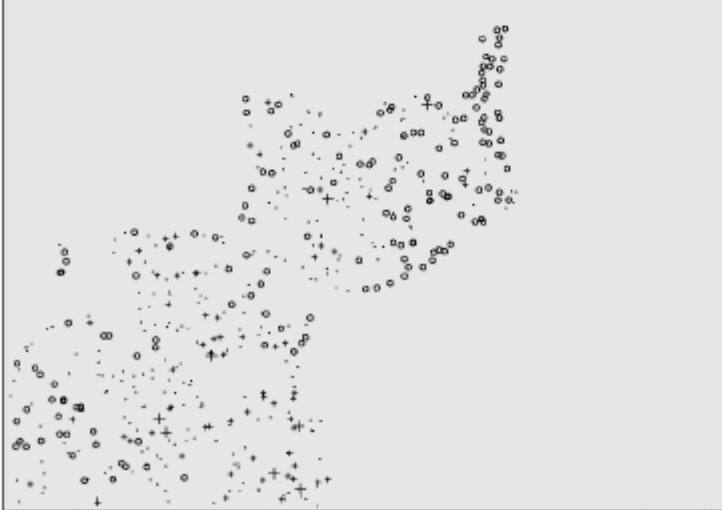
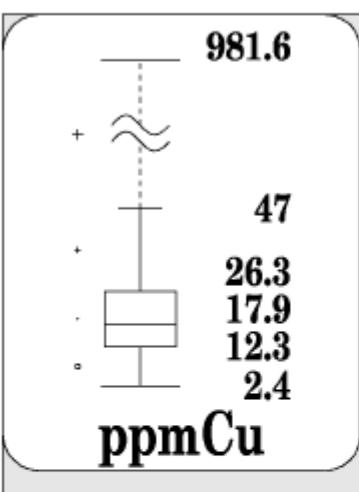
1 : 250.000
0 2.5 5 km

ppm Cr



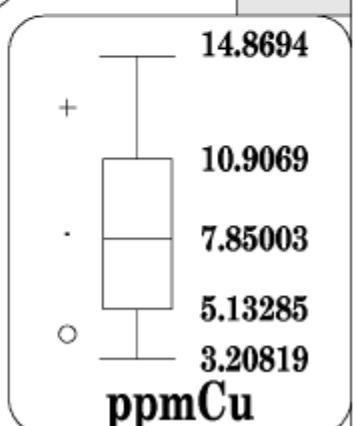
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ppm Cu

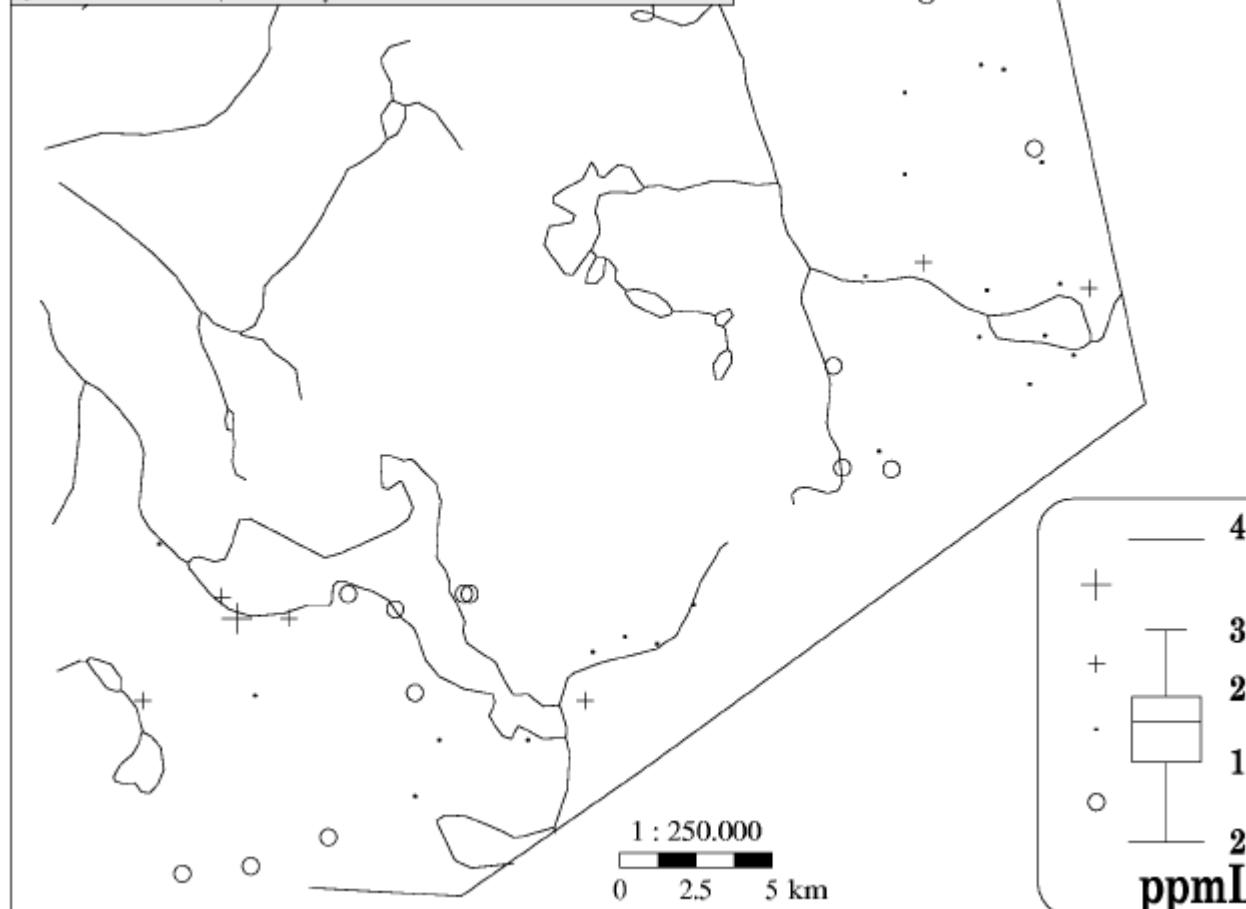
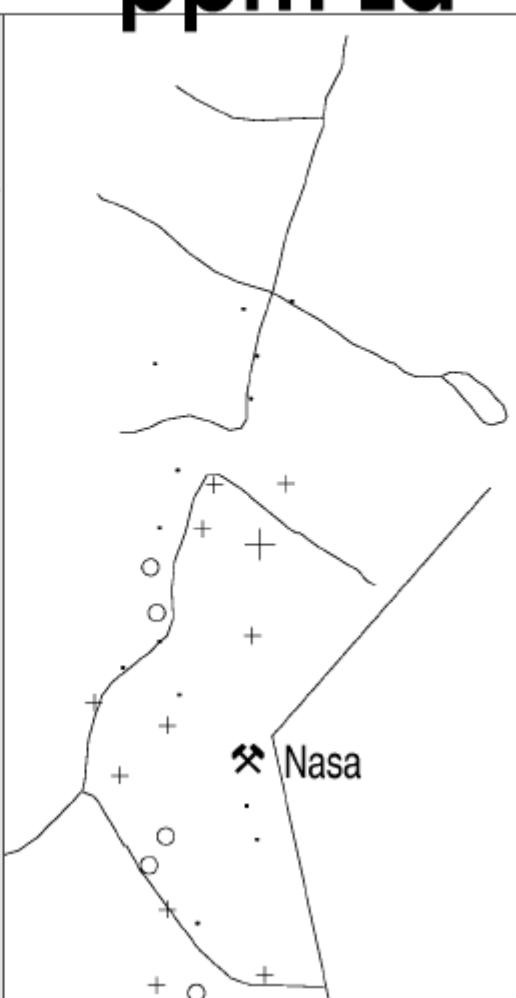
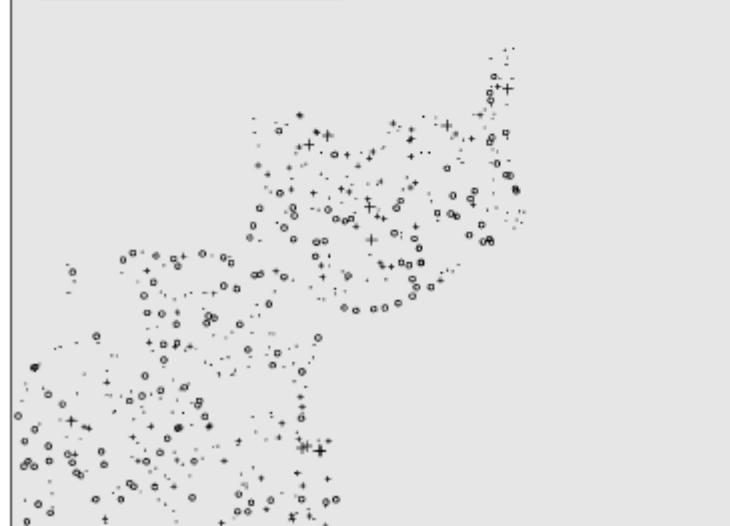
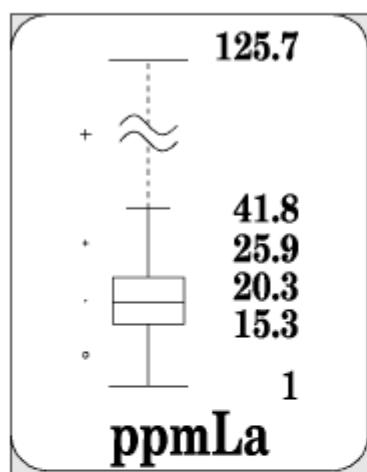


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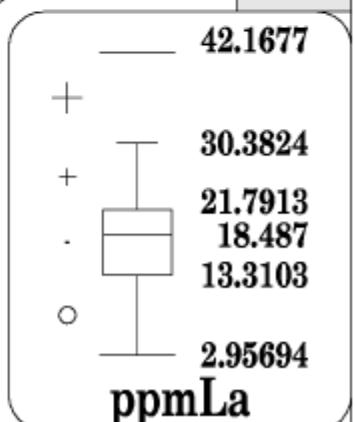
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ppm La

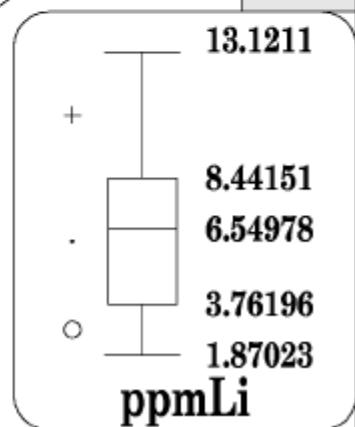
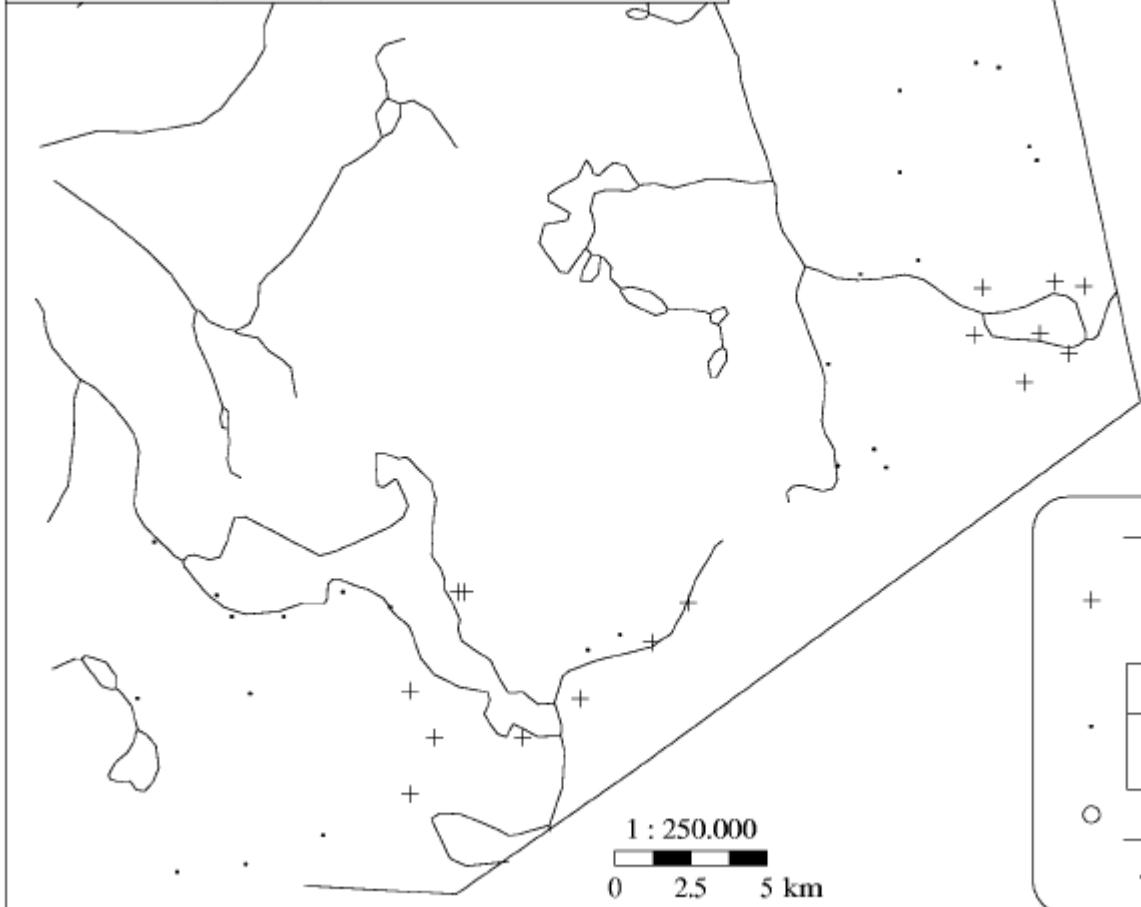
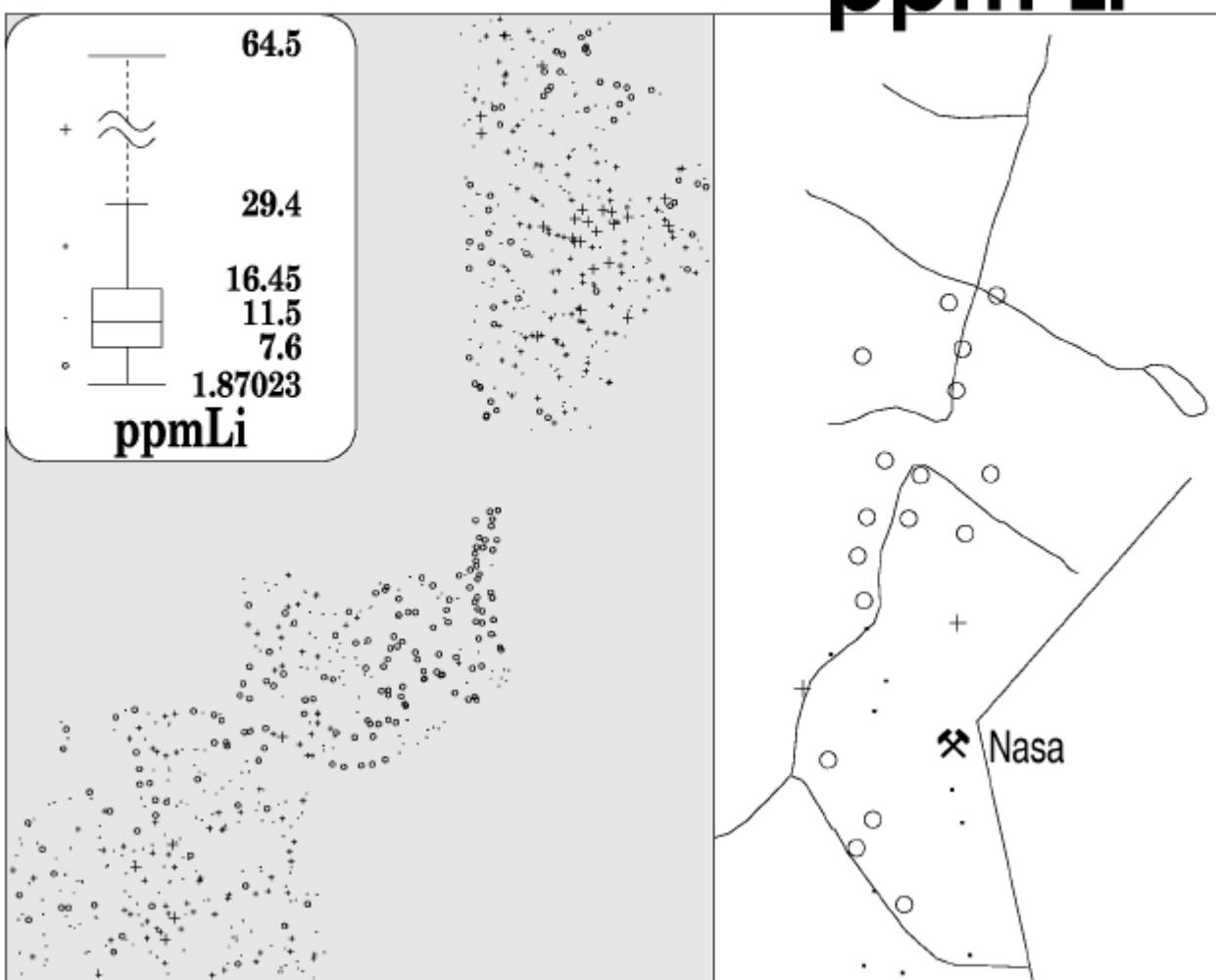


BEKKESEDIMENT -0.18MM HNO₃EKSTRAHERT



ppm Li

BEKKESEDIMENT -0.18MM HNO₃-EKSTRAHERT

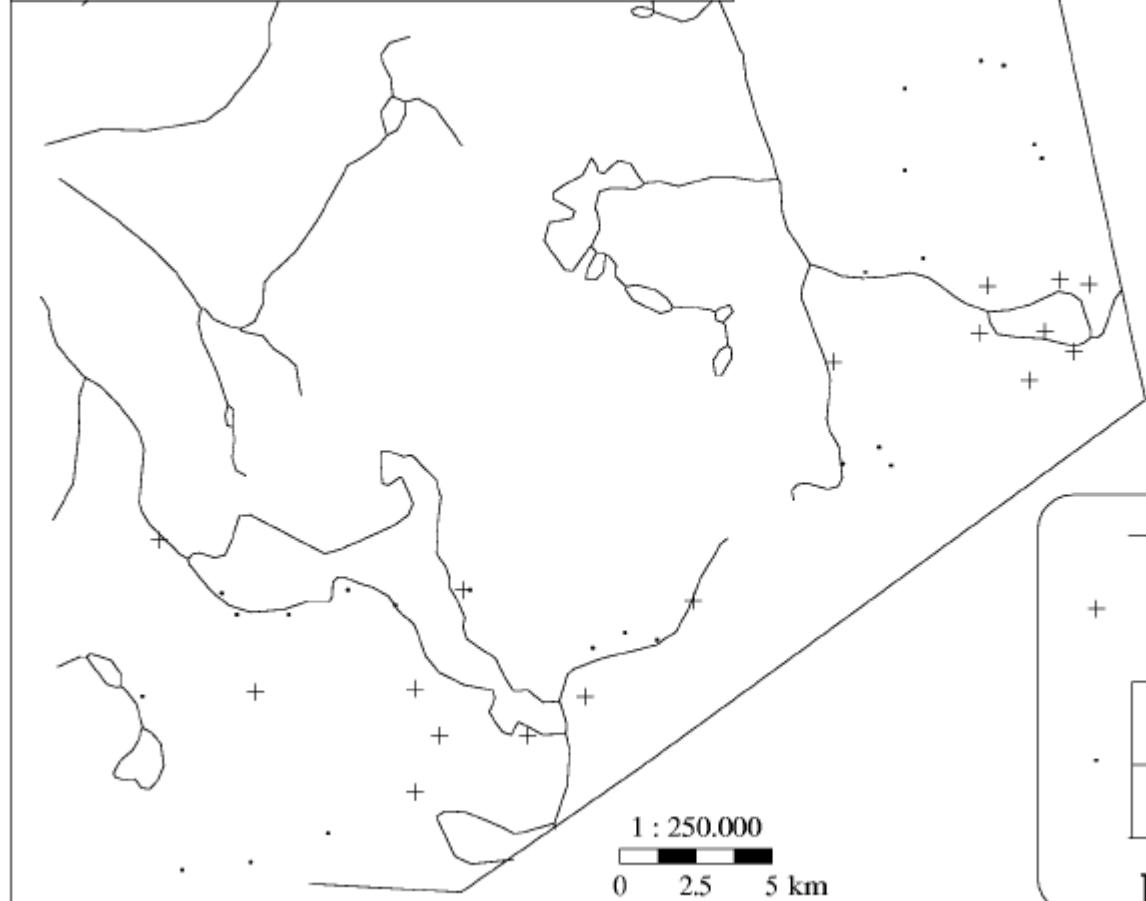
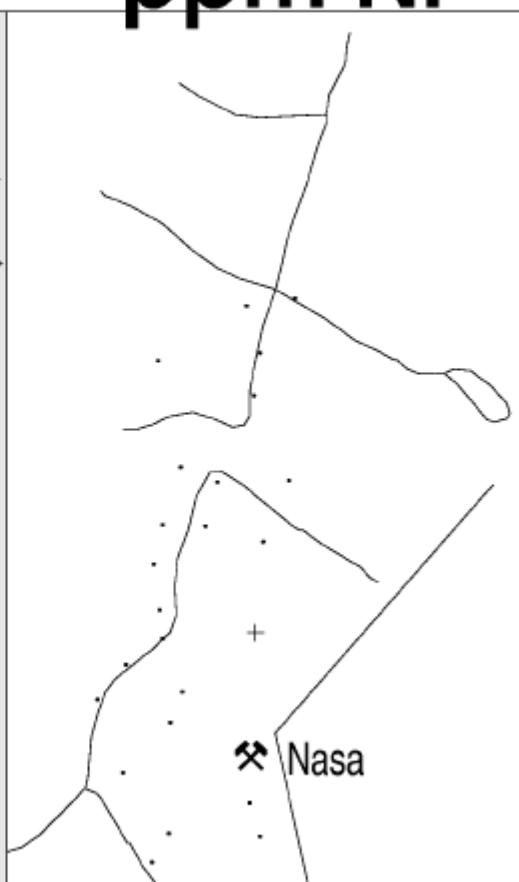
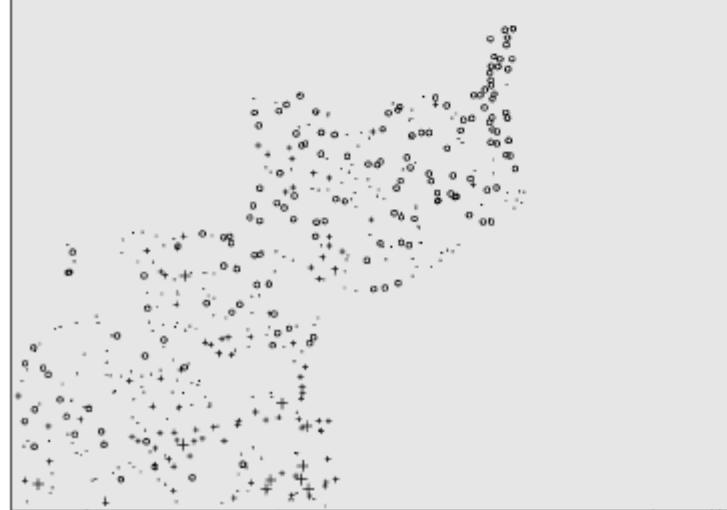
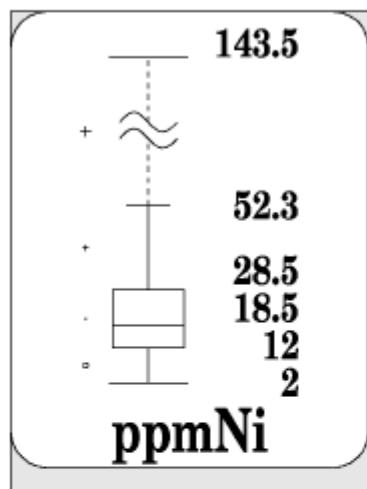


ppm Mo

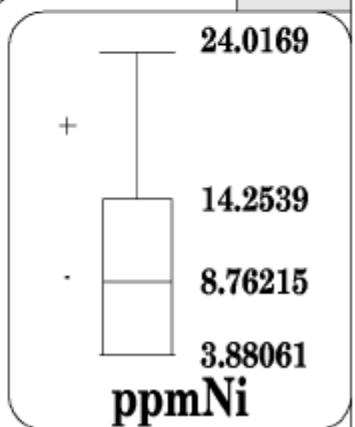
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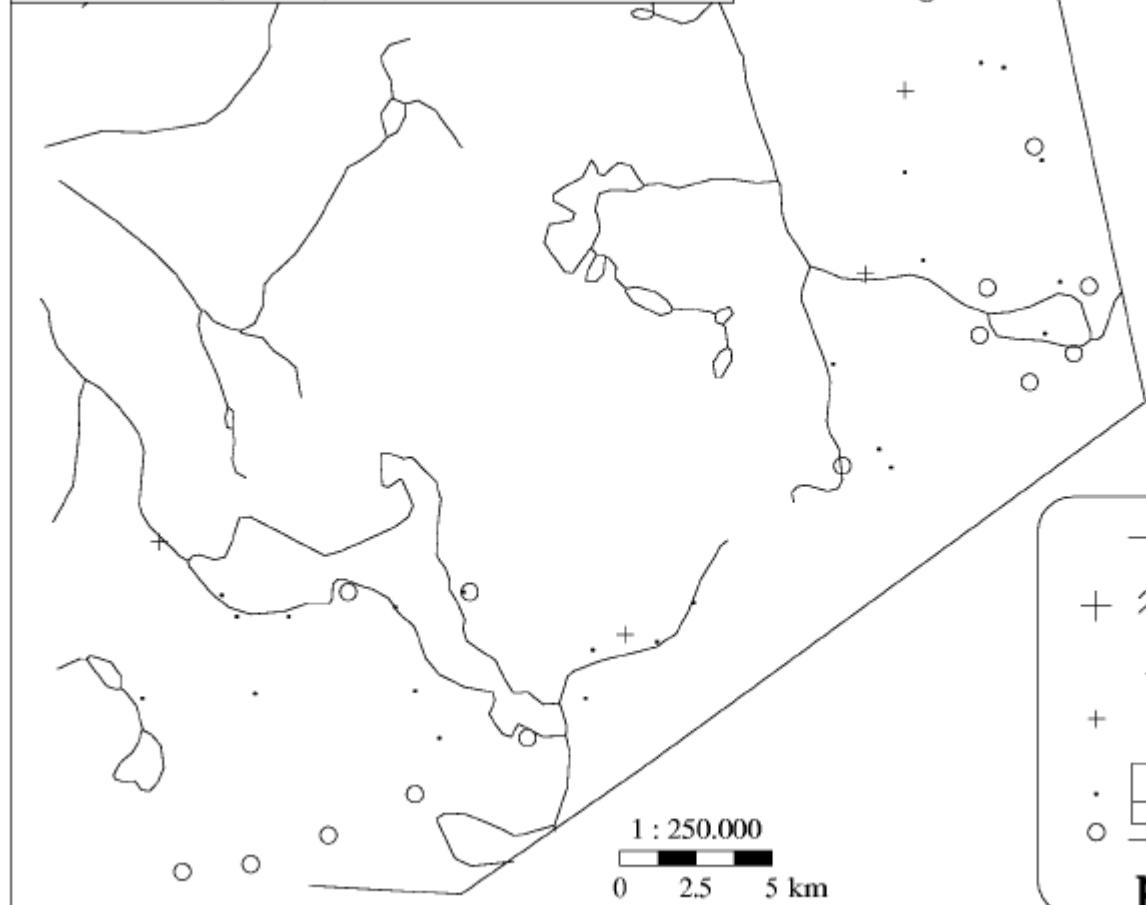
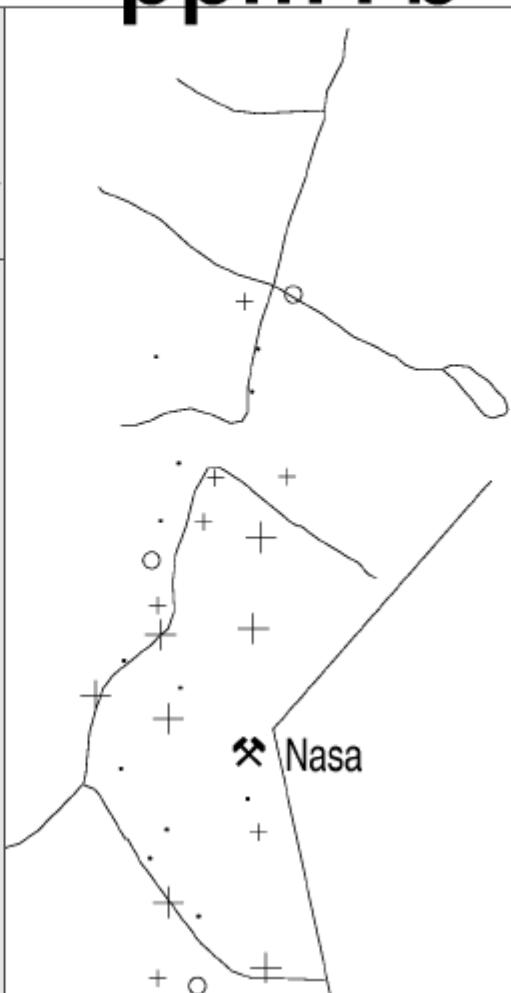
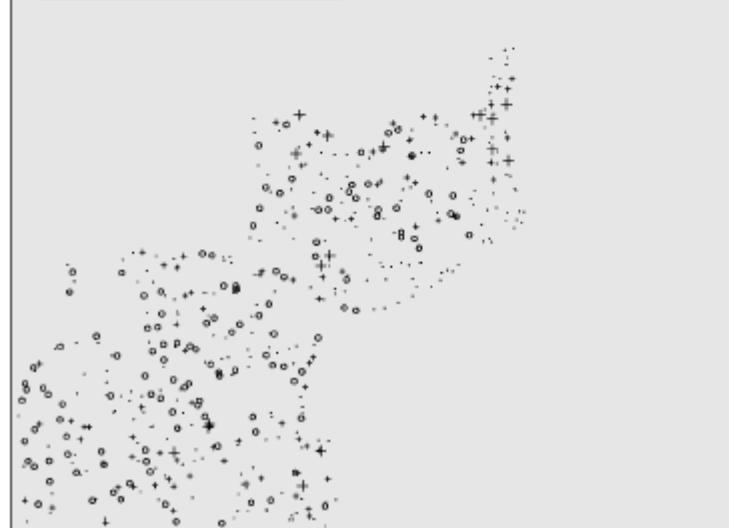
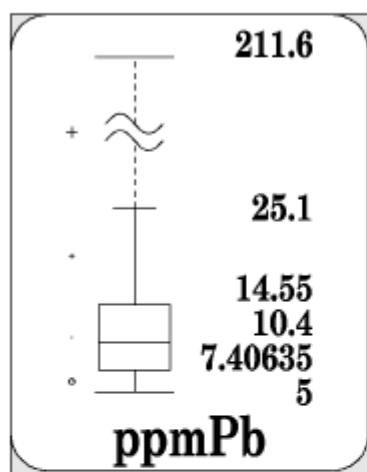
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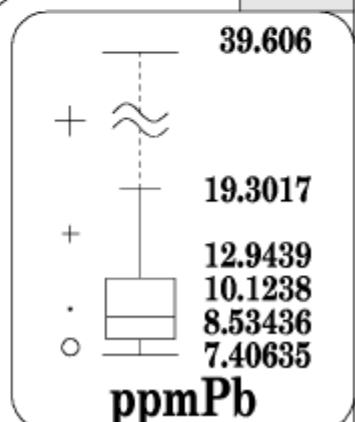
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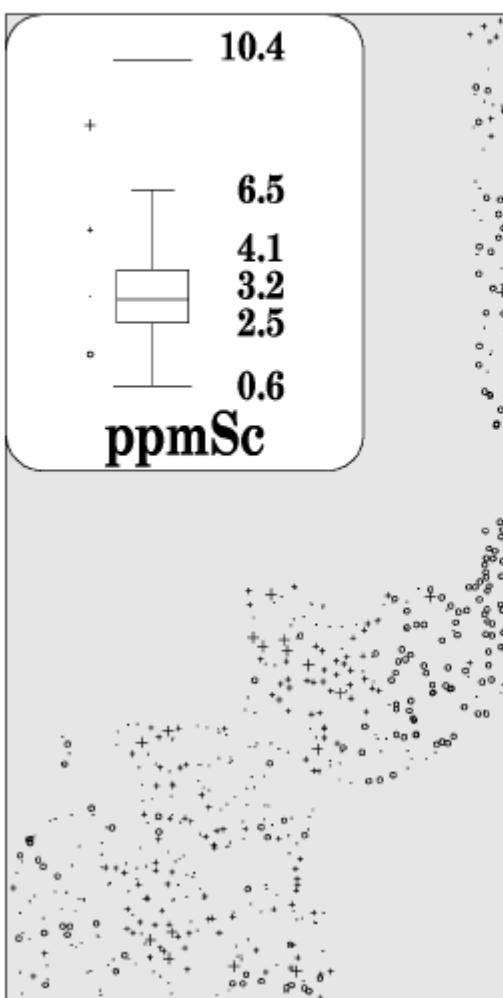
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BEKKESEDIMENT -0.18MM HNO₃EKSTRAHERT

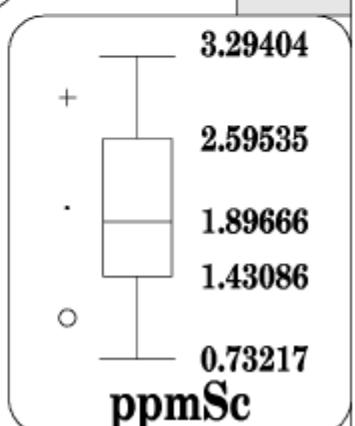
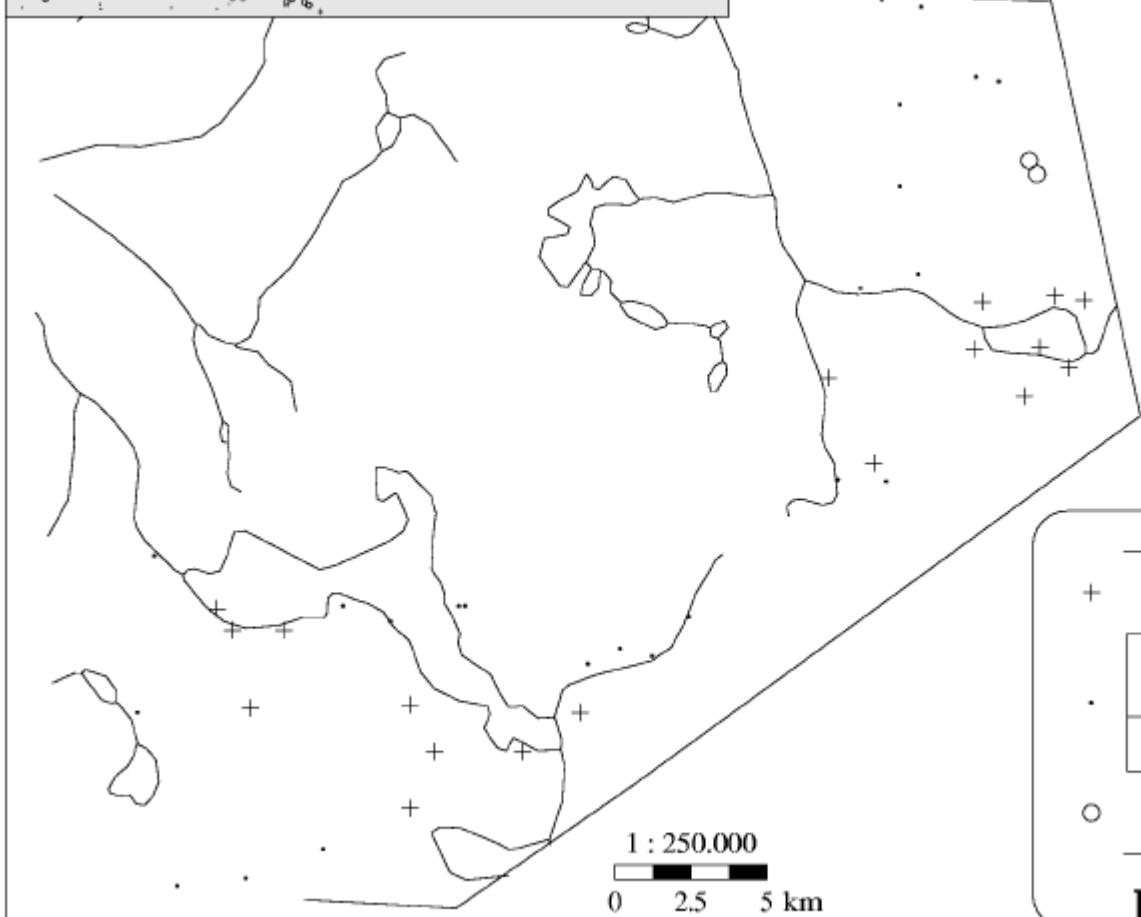


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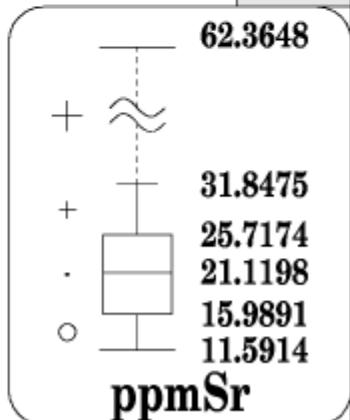
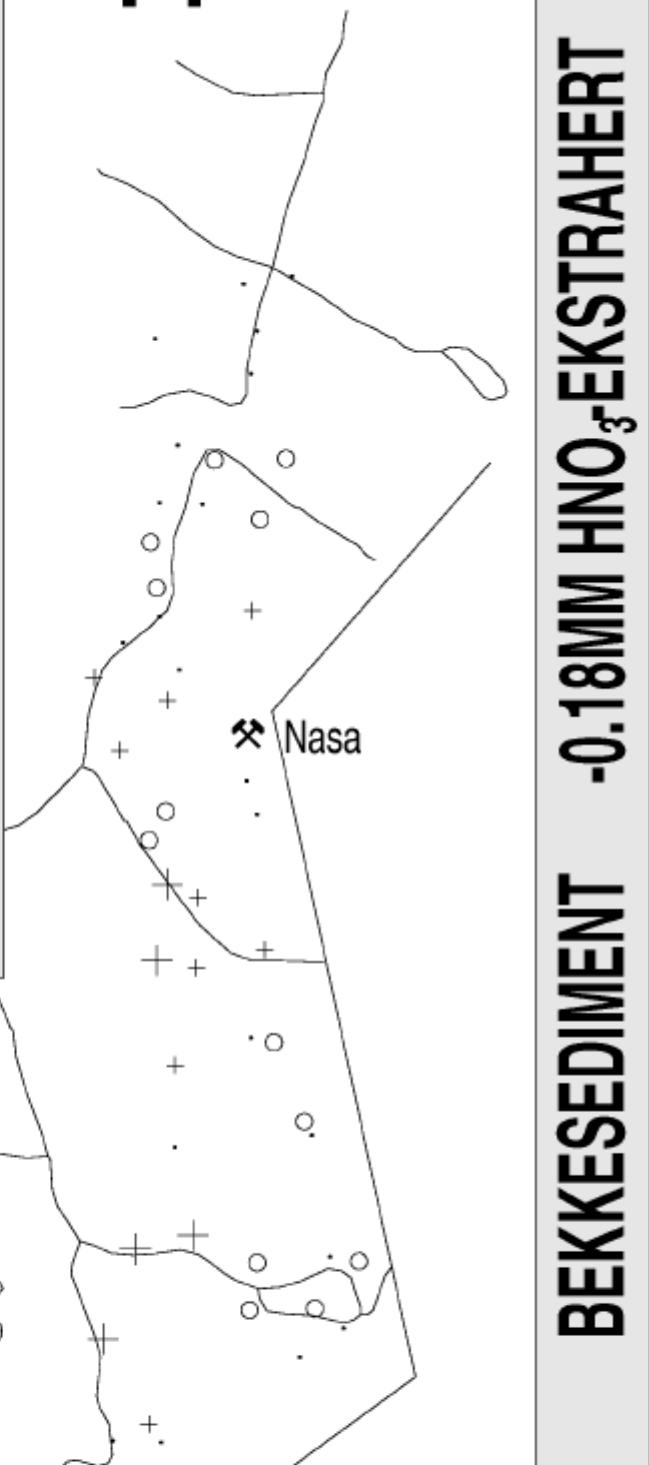
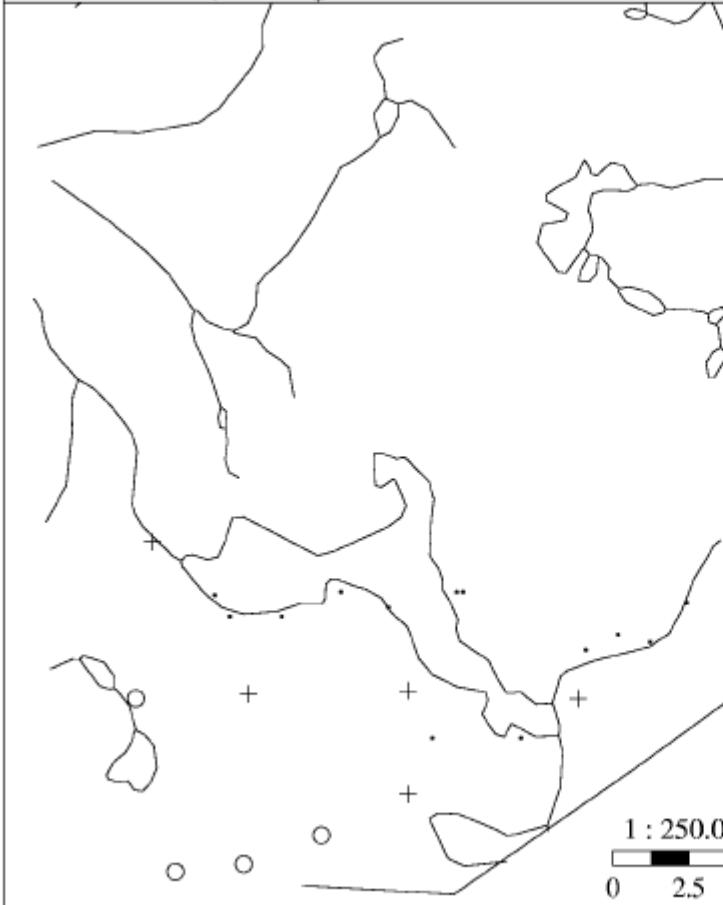
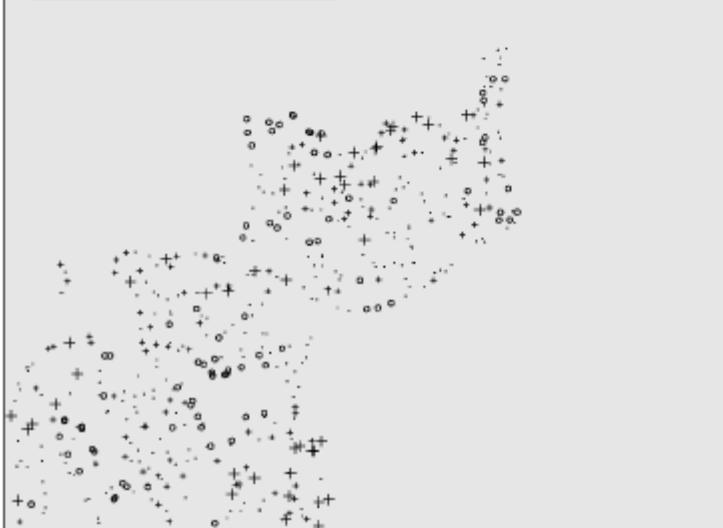
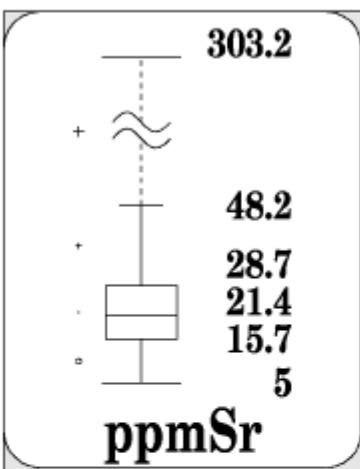


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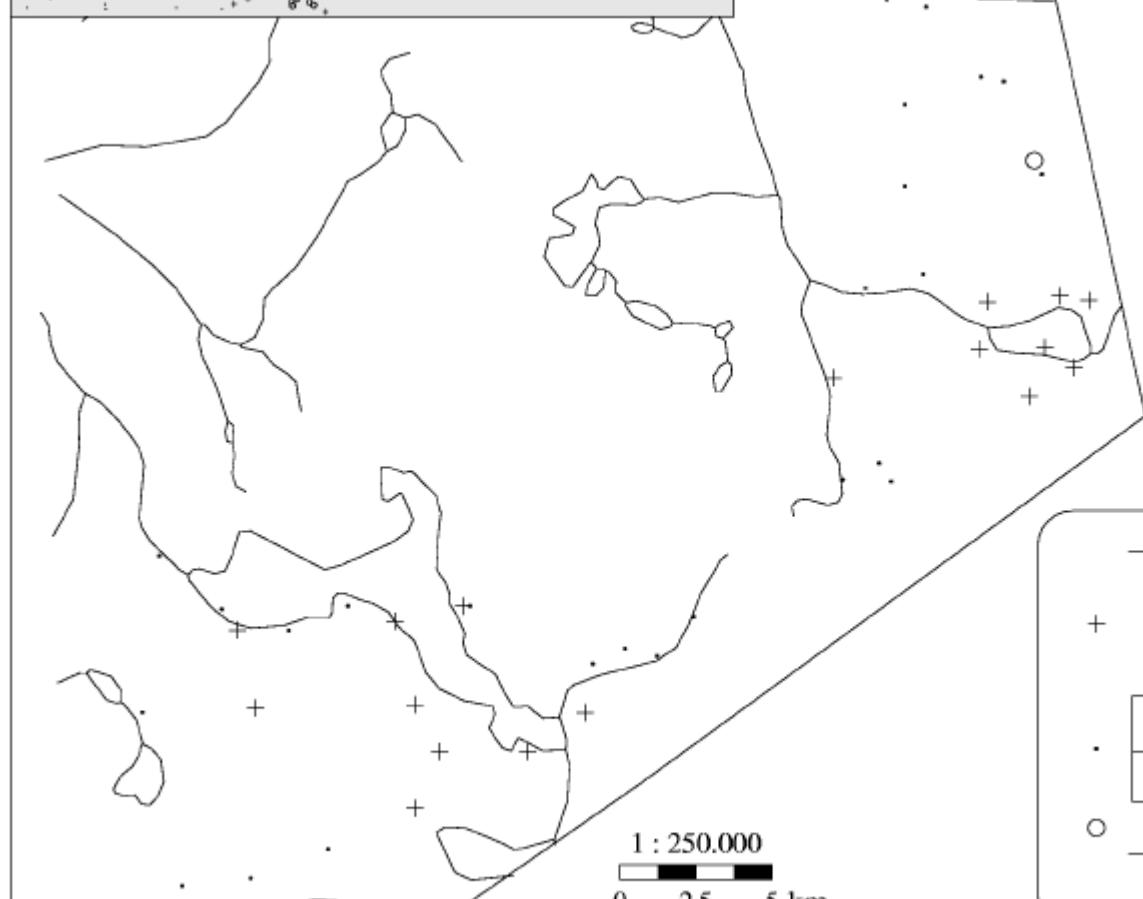
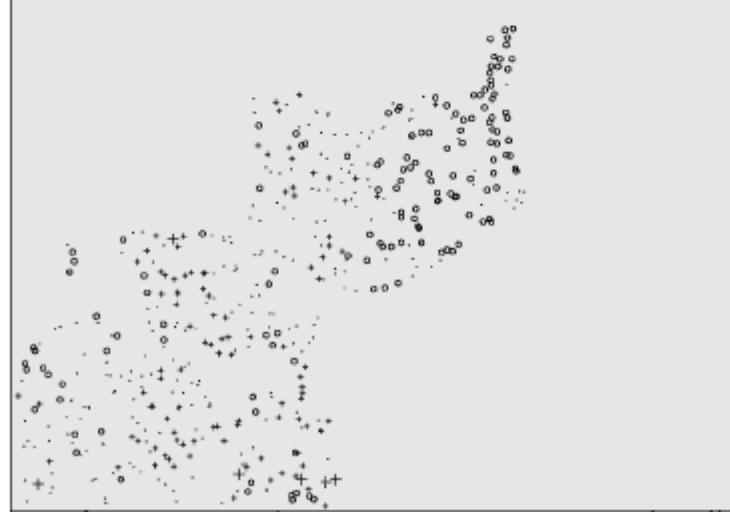
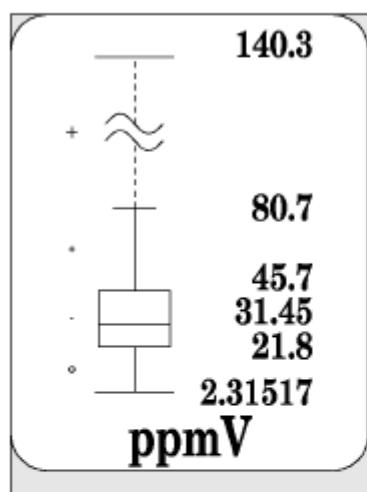
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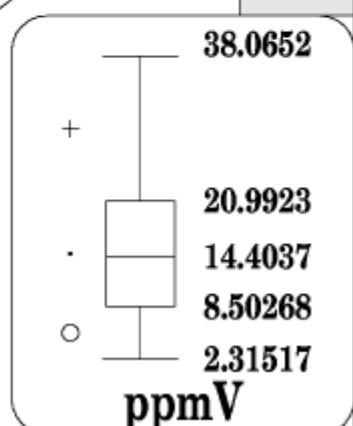
ppm Sr



ppm V

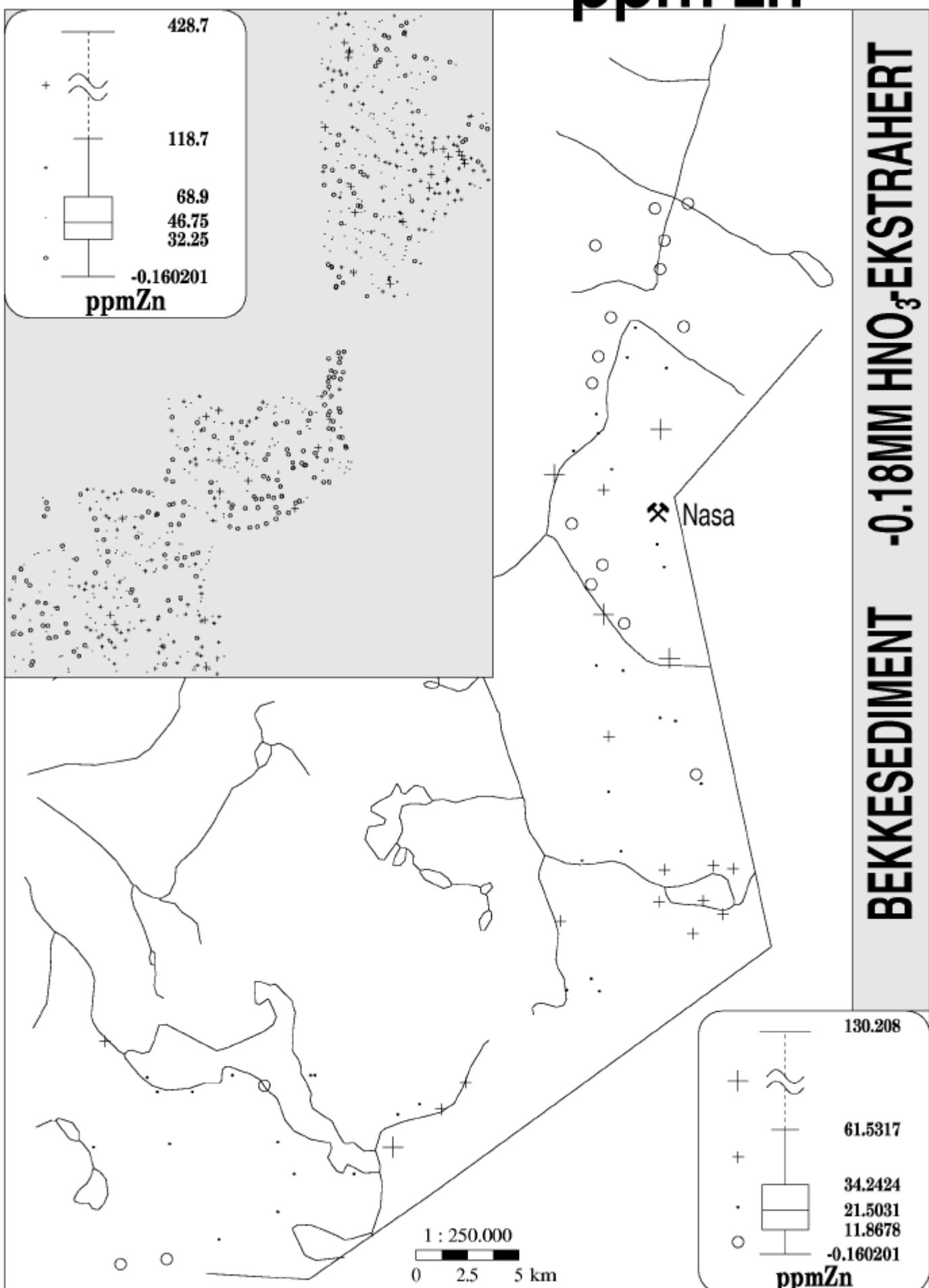


BEKKESEDIMENT -0.18MM HNO₃-EKSTRAHERT

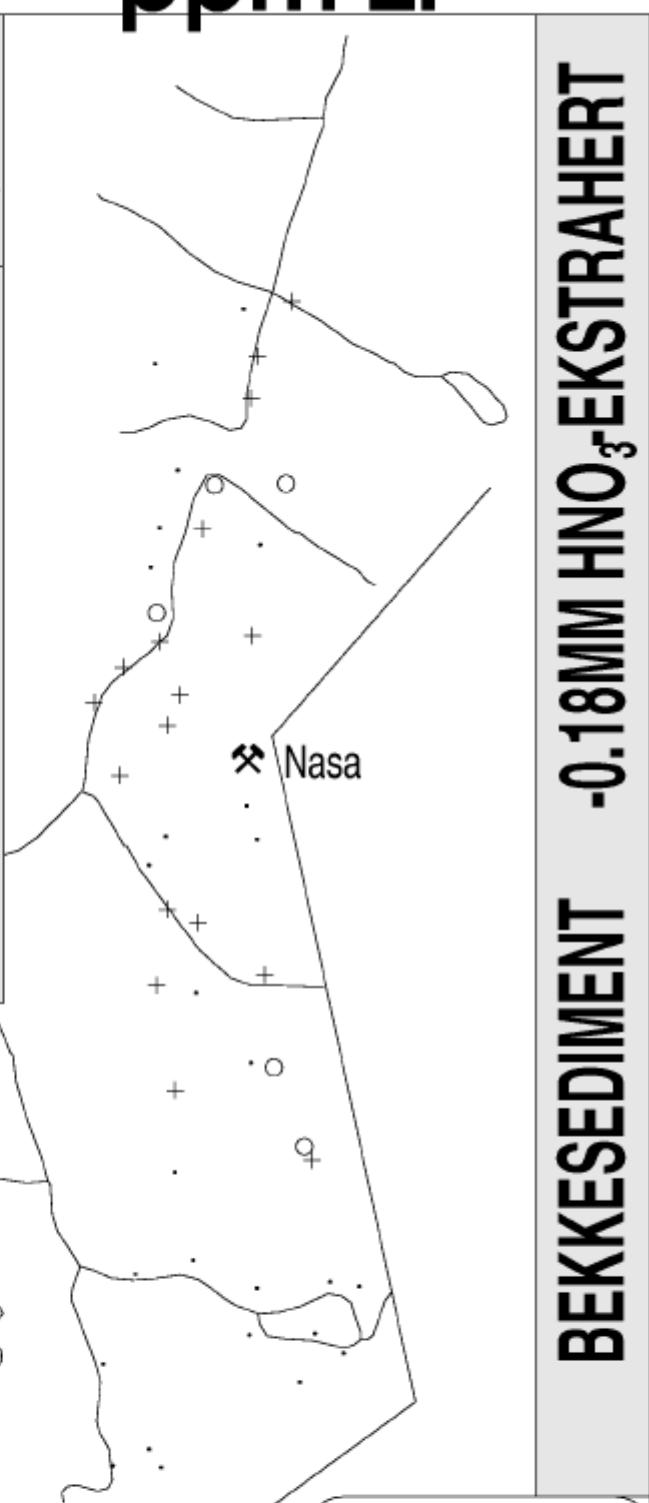
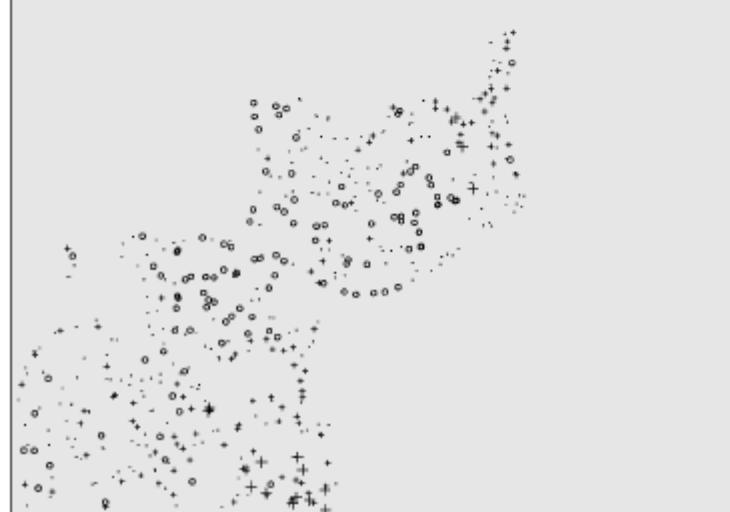
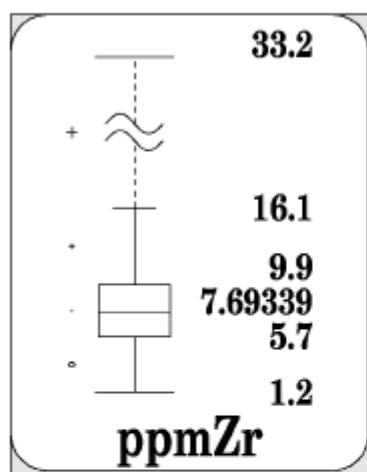


ppm Zn

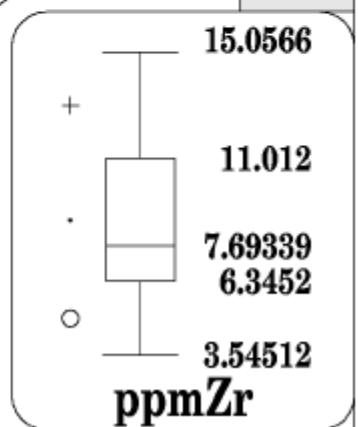
BEKKESEDIMENT -0.18MM HNO₃-EKSTRAHERT



ppm Zr



BEKKESEDIMENT -0.18MM HNO₃EKSTRAHERT



1 : 250.000
0 2.5 5 km