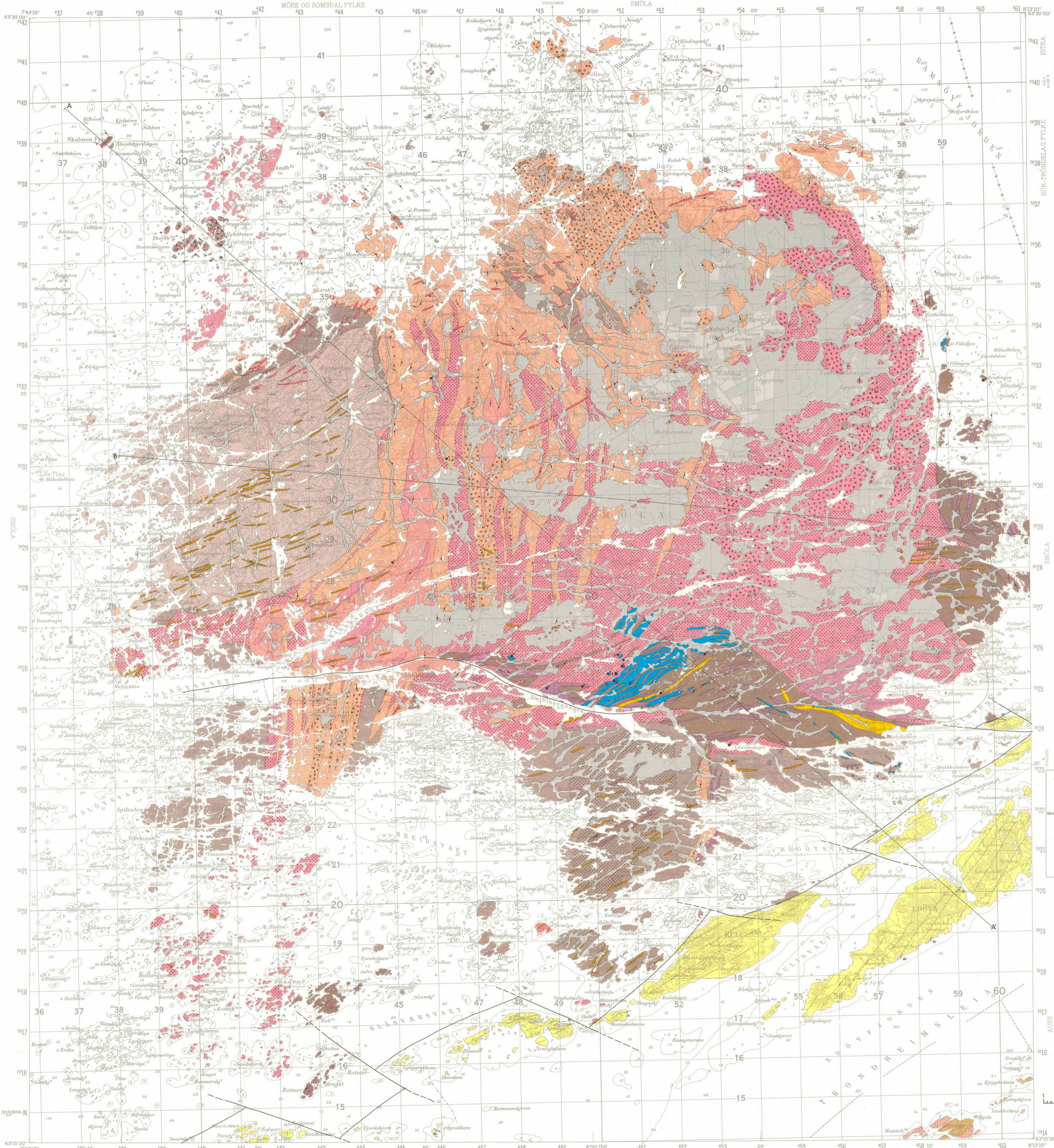


# SMØLA

NORGES GEOLOGISKE UNDERSØKELSE

1321 I

BERGGRUNNSKART 1:50000



### TEGNFORKLARING Legend

**LØSSEBETNINGER (kvartær)**  
 Superficial deposits (Quaternary)

**TORVAVNE**  
 Peat bog

**GRUSAVSETNING**  
 Gravel deposit

**YNGRE SEDIMENTLAGREKKE (devonsk)**  
 Younger sedimentary sequence (Devonian)

**HØYRETTSMÅLINGSBANKEN (konglomerat, sandstein og leirstein) SMØLAGRUPPEN**  
 Høyrettsmålingen (Conglomerate, sandstone and shale) Smølagruppen

**ELDRE SUPRAKRUSTALSERIE (ordovisk)**  
 Older supracrustal series (Ordovician)

**KONGLOMERAT**  
 Conglomerate

**KALKSTEIN (s = Skarn)**  
 Limestone (s = Skarn)

**SURE VULKANITTER**  
 Acid volcanics

**INTERMEDIÆRE OG BASISKE VULKANITTER**  
 Intermediate and basic volcanics

**KVARTSIT**  
 Quartzite

**KVARTSDIORTITISK GNEIS**  
 Quartz-dioritic gneiss

**AMFIBOLITT**  
 Amphibolite

**BIOTTIT-HORNBLENDENEIS**  
 Biotite-hornblende gneiss

**BIOTTITGNEIS**  
 Biotite gneiss

**MIGMATITT**  
 Migmatite

**PLUTONISKE BERGARTER**  
 Plutonic rocks

**PEGMATITT**  
 Pegmatite

**DIORITT, PORPHYRITT O.L.**  
 Diorite, porphyrite etc.

**GRANITT, GRANODIORITT**  
 Granite, granodiorite

**ROD ALKALI-GRANITT**  
 Red alkali-granite

**KVARTSFØRENDE HORNBLENDEDIORITT**  
 Quartz-bearing hornblende diorite

**GABBROIDE BERGARTER**  
 Gabbroic rocks

**ULTRABASITT**  
 Ultrabasic rocks

**JOTUNITTER**  
 Jotunite rocks

**ANORTHOSITT**  
 Anorthosite

**HYPERITT**  
 Hyperite

**STRUKTURER M.V.**  
 Structures etc.

**BREKSEJE**  
 Breccia

**ÅKTYNING AV FOLIASJONSTRETNING ELLER LAGNING (BARE I PROFILER)**  
 Indication of foliation or bedding (in sections only)

**BERGARTSGRENSE**  
 Lithological boundary

**OVERGANGSMESSIG GRENSE**  
 Transitional boundary

**FORKASTNING**  
 Fault

**SKIFFRIGHET (metamorf)**  
 Schistosity

**PRIMERLAGNING I SEDIMENTER ELLER LAMNING I ERUPTIVE BERGARTER**  
 Bedding in sediments or igneous lamination in plutonic rocks

**LAGNING I ERUPTIVBERGARTER**  
 Layering in igneous rocks

**LINEASJONER**  
 Lineations

**FOSSILLOKALITET**  
 Fossil locality

**STEMBRUDD**  
 Quarry

**JERNERFOREKOMST**  
 Iron ore occurrence

**GRUSTAK**  
 Gravel pit

**PROFILLINJE**  
 Section lines

Geologisk kartlagt i 1969 av F. Feduk, A. Siedlecks og S. Siedlecki.  
 Sammenlagt av F. Feduk i 1972.

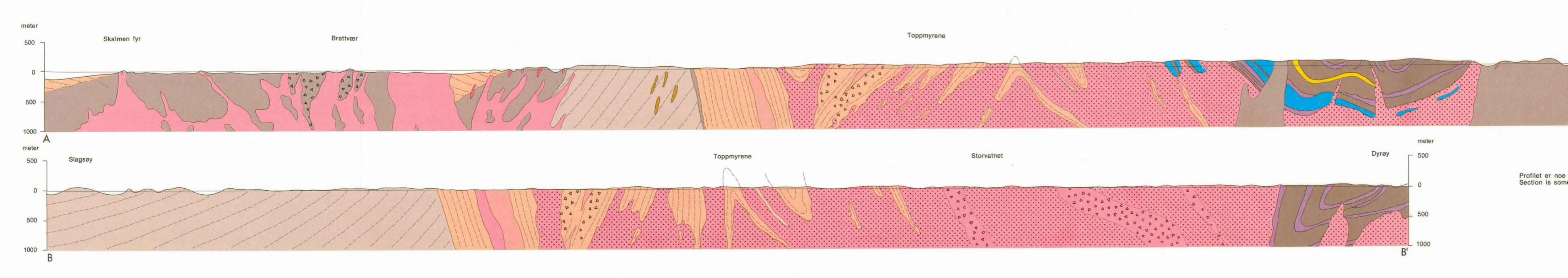
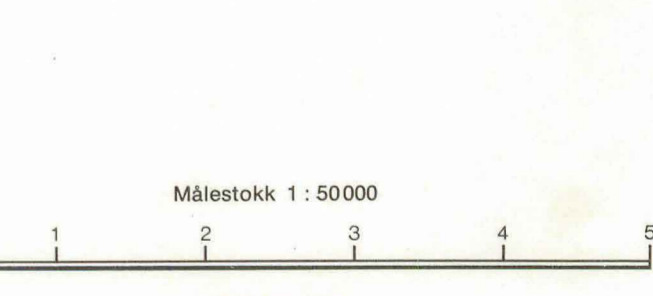
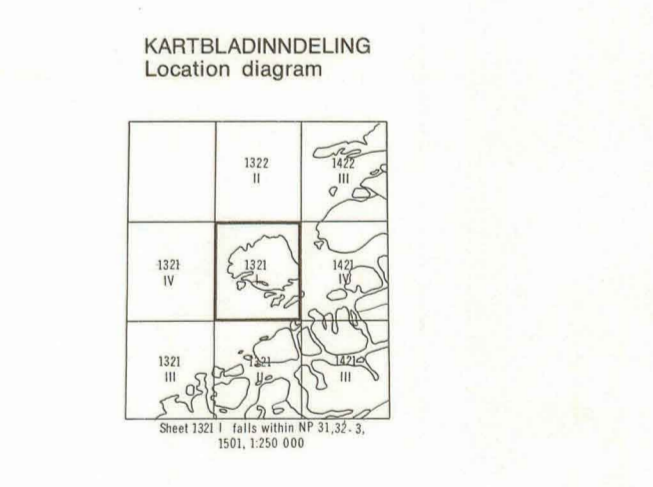
Kartgrunnlag : Norges geografiske oppmålings kart etter tillatelse  
 Proportori : Norges geologiske undersøkelse  
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 SMØLA, berggrunnsgeologisk kart 1321 I - M. 1:50000  
 Norges geologiske undersøkelse.

### BRUK AV UTM RUTENETT FOR REFERANSEPUNKTER

Instruction in using UTM grid for reference points

| GRID DESIGNATION | KARTREFERANSE 100 M-BETE                                    | EXEMPEL ELVEGARDEN | TO GIVE A STANDARD REFERENCE ON THIS SHEET TO NEAREST 100 METERS   |
|------------------|---|--------------------|--|
| 32V              | 500 m to the left (0 - 99 m) and 5000 m north (00 - 9999 m) | MR 51 5            | Read values containing 000 000 meter square to which the point lies<br>Leave the VERTICAL grid line to LEFT of point and read LARGEST figure between the line either in the top or bottom margin, or in the line itself.<br>Estimate tenths from grid line to point. |
| MR               | 100 M-BETE<br>1000000 SQUARE IDENTIFICATION                 | MR 51 5            | Leave the HORIZONTAL grid line to RIGHT of point and read LARGEST figure between the line either in the left or right margin, or in the line itself.<br>Estimate tenths from grid line to point.   |
|                  |   | MR 51 5            | SAMPLE REFERENCE<br>If reporting beyond 00' in any direction, prefix grid zone designation.  |
|                  |   | 7015000            | WRITE THE SMALLER figure of any grid number there are for fixing the full coordinate. THE ONLY the LARGER figure of the grid number!   |



Profil er noe skjematisert mot dyppet  
 Section is somewhat schematic towards depth