

# Berggrunnskart

Bedrock map

**LYNGSVATNET**  
1313-3

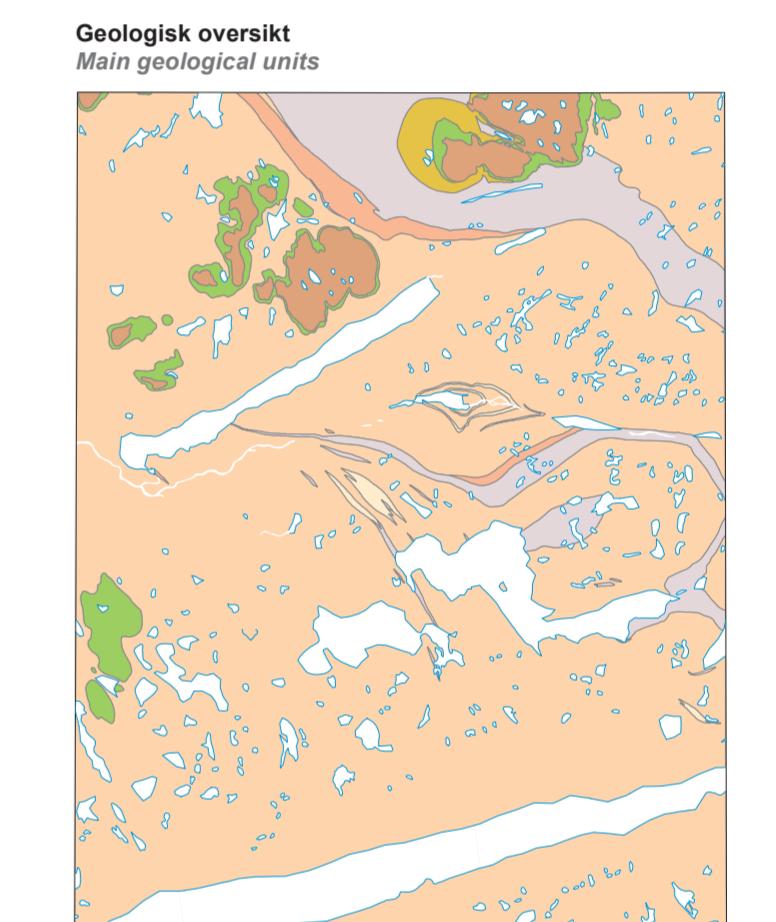
1:50.000



NORGES  
GEOLOGISKE  
UNDERSØKELSE  
- NGU -

2018

Geologiske kart og data på internett: www.ngu.no



Bergarter fremskjøvet under den kaledonske fjellkjededannelsen  
Rocks overthrust during the Caledonian Orogeny



Rittland meteoritkrater  
Rittland meteorite crater

Stedige sedimentære bergarter  
Autotchthonous sedimentary rocks

Bergarter danner og/eller omdannet under den svekonorvegiske fjellkjededannelsen  
Rocks formed and/or metamorphosed during the Sveconorwegian Orogeny



Aldersbestemmelser  
Age determinations

U/Pb-dating av zirkon, ionosonde, LA-ICP-MS  
(Coat et al., 2015 (4-), Slagstad, uppublisert (5))

U/Pb-dating av zirkon, ionosonde, LA-ICP-MS  
(Coat et al., 2015 (4-), Slagstad, uppublisert (6))

Porfyrisk biotittgranitt, U-Pb-alder: 1022±6 Ma  
Porphyritic biotite granite, U-Pb-age: 1022±6 Ma

Leukogranitt, U-Pb-alder: 1048±16 Ma  
Leucogranite, U-Pb-age: 1048±16 Ma

Lysgrå biotittgranitt, U-Pb-alder: 1020±61 Ma  
Light grey biotite granite, U-Pb-age: 1020±61 Ma

Grå dicitisk biotittgneis, U-Pb-alder: 1494±10 Ma  
Grey biotite gneiss, U/Pb-age: 1494±10 Ma

## UTVALGT LITTERATUR

SELECTED REFERENCES

Slagstad, T., Roberts, N.M.W., Marker, M., Rehr, T.S. & Schiellerup, H.: 2013.

A non-collisional, accretionary Sveconorwegian orogen, Terra Nova 25, 30-37.

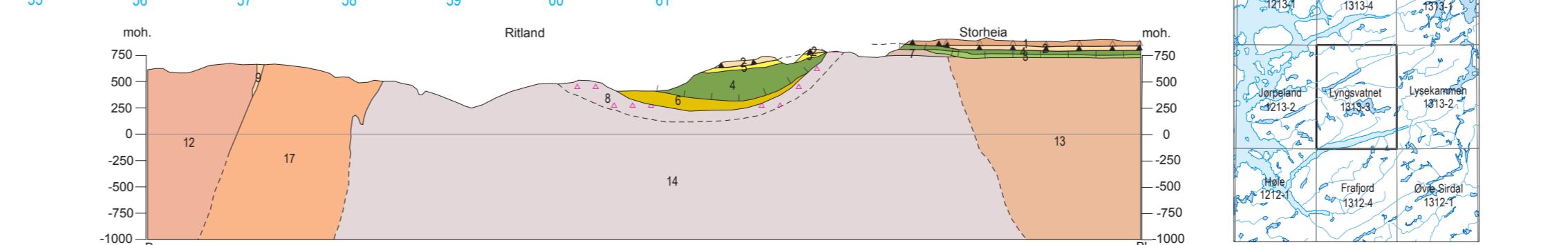
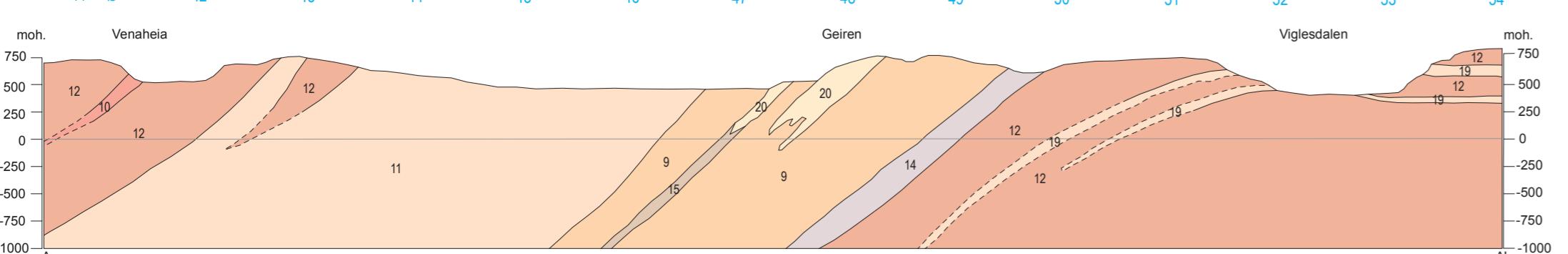
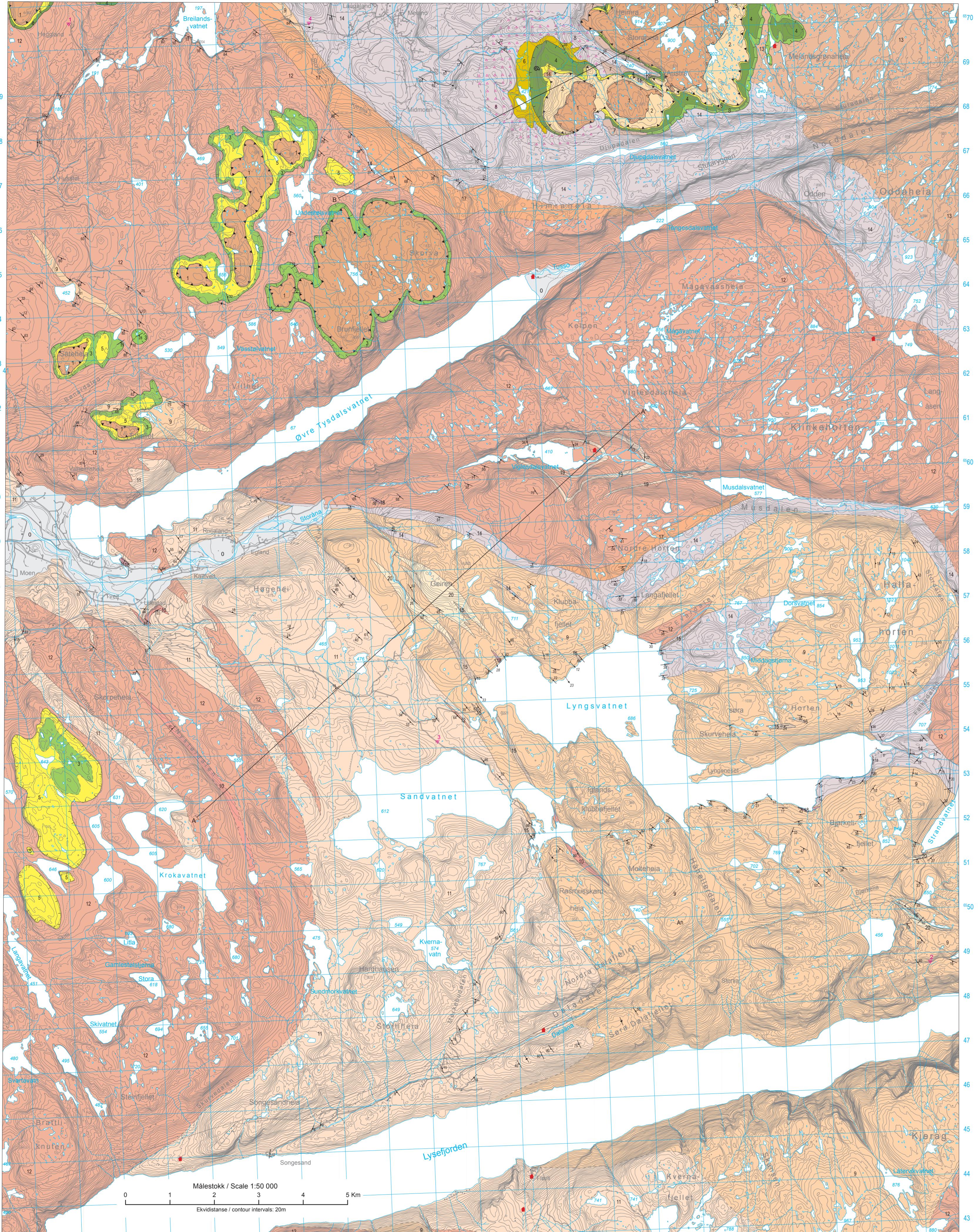
Saura, J.: 1950, Geologi i Norge, geologi under, 341, 1-94.

Aspasia, A., Dypvik, H., Ris, F. & Korsen, E.: 2013, Late post-impact sedimentation in the Rittland magmatic belt, Northern Norway, Journal of Geology 92, 405-431.

Aspasia, A., Dypvik, H., Ris, F. & Korsen, E.: 2014, Late post-impact sedimentation in the Rittland magmatic belt, Northern Norway, Journal of Geology 93, 37-59.

Coat, N., Slagstad, T., Roberts, N.M.W., Marker, M., Rehr, T.S., Sørensen, B.E.: 2015.

The Late Mesoproterozoic Sirdal Magmatic Belt, SW Norway: Relationships between magmatism and metamorphism and implications for Sveconorwegian orogenesis, Precambrian Research 265, 57-77.



Kartlagt av M. Marker (2002-2006, 2010), T. Slagstad (2004-06) og H. Schiellerup (2010)  
Mapped by M. Marker (2002-2006, 2010), T. Slagstad (2004-06) and H. Schiellerup (2010)

Sammensattet av M. Marker ved NGU.  
Compiled by M. Marker at NGU.  
Compilation finished October 2016.

Referanse til kart: Marker, M. & Slagstad, T. 2018.  
Berggrunnkart LYNGSVATNET 1313-3, M 1:50 000.  
Norges geologiske undersøkelse

Godkjent av kartkomiteen (ved Anne Kathrine Svendby), Laget for Fastfjelletgeologi