

License 0053/2019

Gudmedalen

Fjordmine Ltd.

subsidiary of Subarctic Exploration Group

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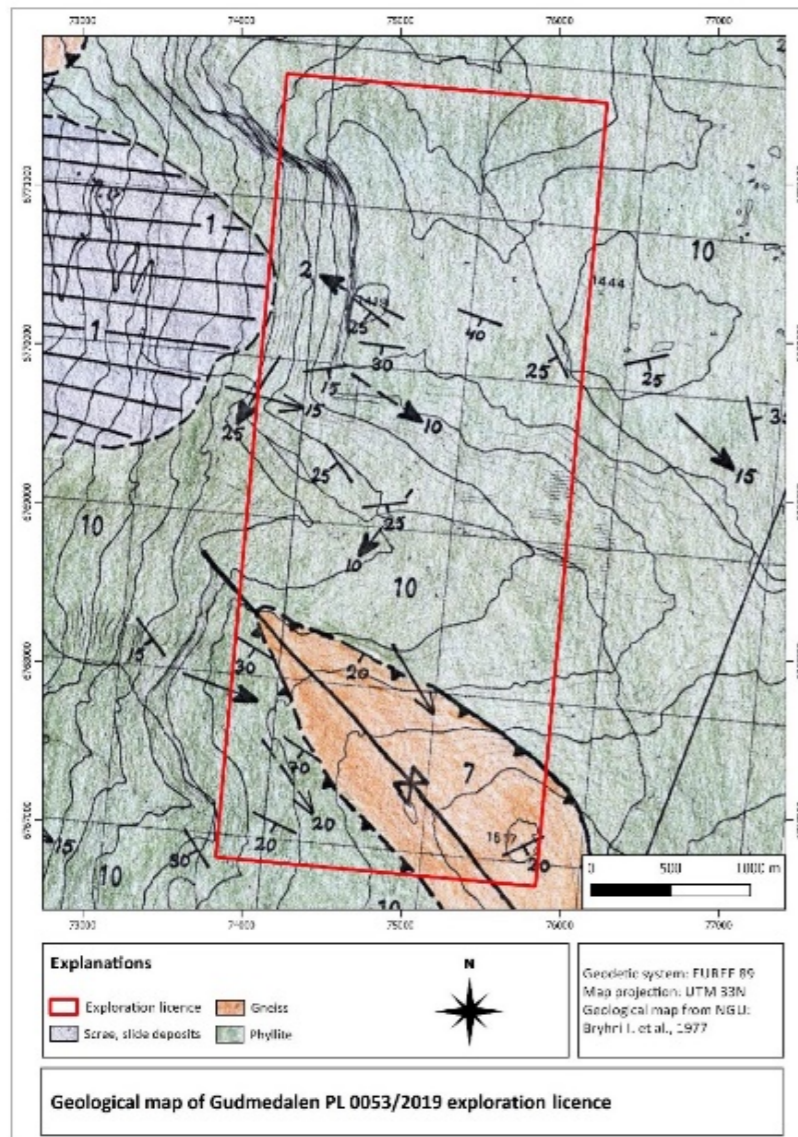
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Phyllites form a completely dominant lithological type in the exploration area. The occurrence of strongly silicified phyllites, quartz lenses and dikes is spatially related to this position of heavily metamorphic rocks.



GEOGRAPHY

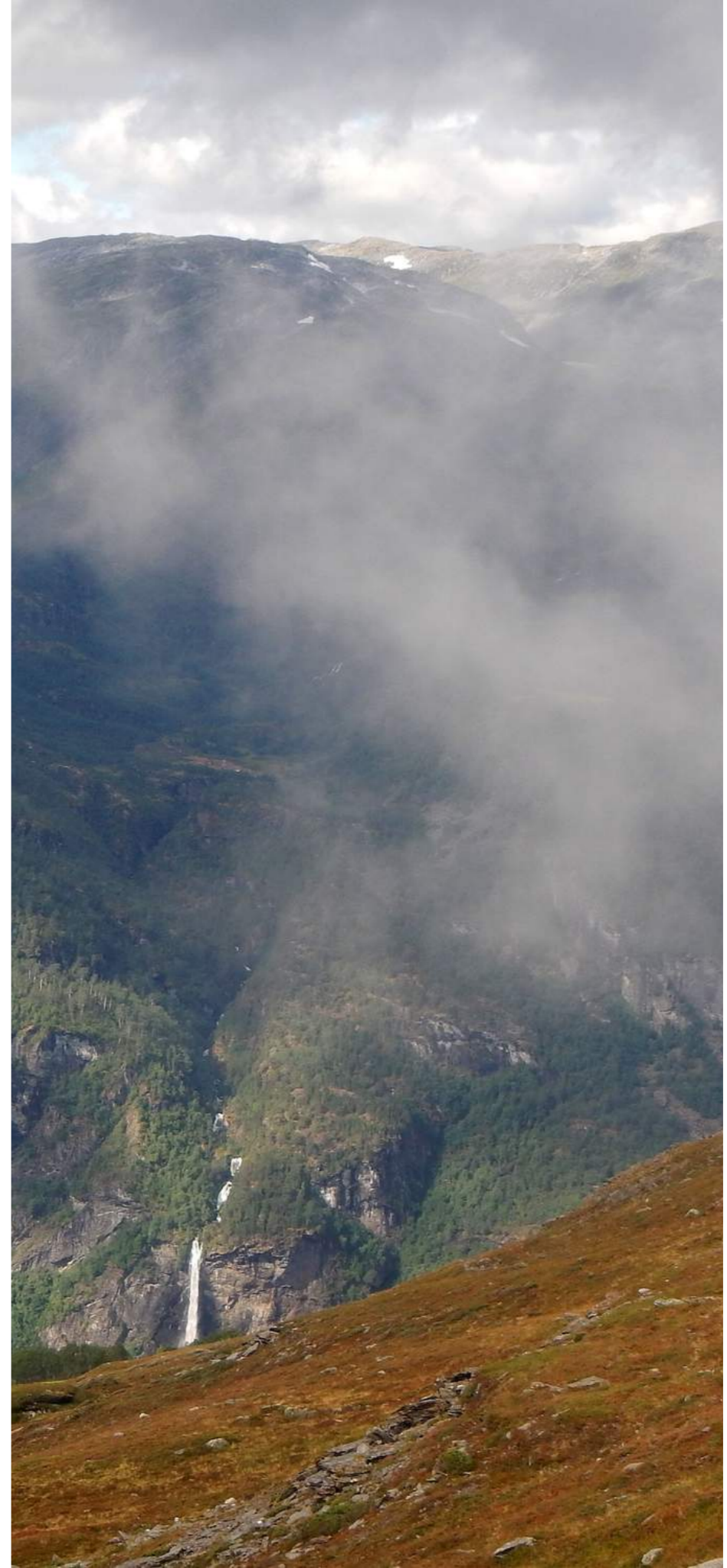
The Gudmedalen exploration area was established on behalf of Fjordmine s.r.o. company in January 2019 and is located in the Aurland administrative region, in the Sogn og Fjordane District, having 10.0 km².

EXPLORATION CARRIED OUT

Original exploration survey was conducted in 2019 and included geological mapping with the aim of the prospecting of heavy minerals in alluvial sediments of active mountain streams.

Gudmedalen exploration area was evaluated as prospective for the presence of **precious metals (Au, Pt, Pd, Rh, Ru, Os)**.

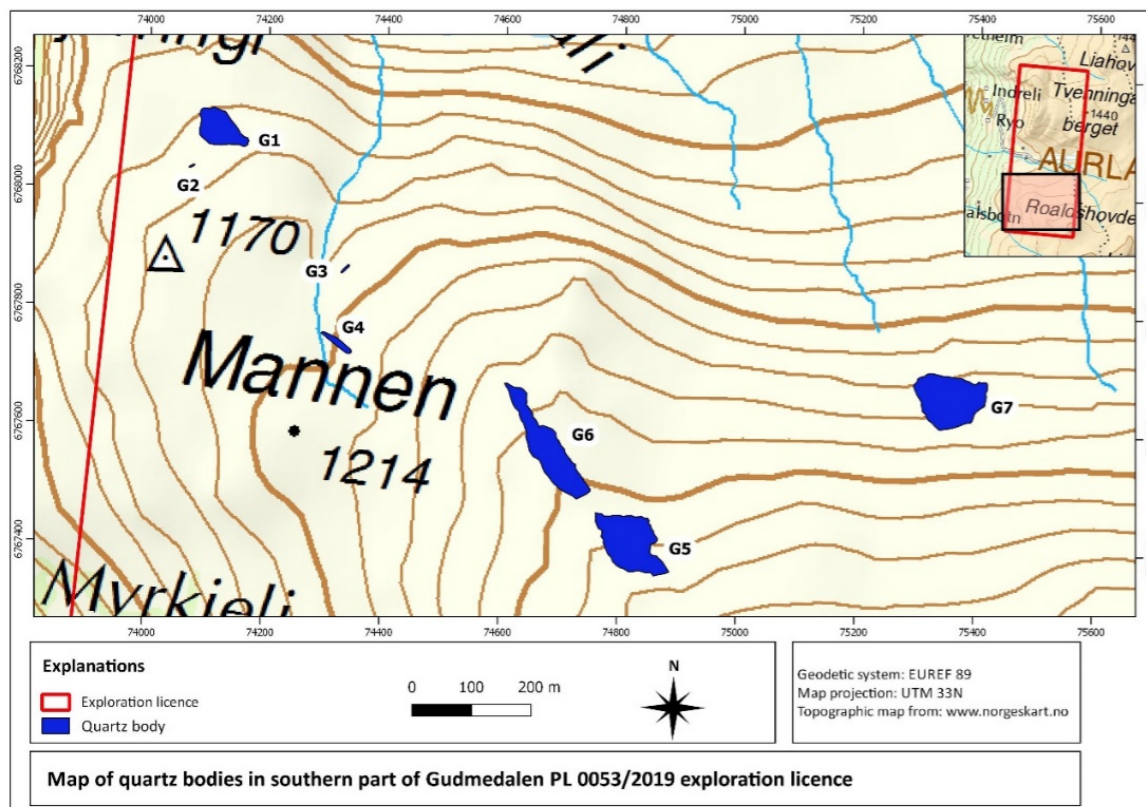
While laboratory tests did not confirm presence of precious metals, **the analysis of quartz veins present in the area indicated a strong potential of High Purity Quartz (HPQ)**. Some of the quartz bodies have shown 99.7 - 99.7% SiO₂ purity.



EXPLORATION POTENTIAL OF HPQ

Laboratory analysis confirmed that quartz bodies have a **high potential as raw material for HPQ with purity ranging from 99.5 – 99.7 % SiO₂.**

We carried detailed silicon analysis for presence of impurities such as **SiO₂, Al₂O₃, Fe₂O₃, TiO₂, K₂O, Na₂O, CaO and MgO**. Results can be provided to interested investors.



DESIGN OF THE EXPLORATION WORKS

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Continue detailed geological **mapping & sampling**
Drilling work will include approx. **500-800m** of core boreholes
Advanced **chemical analysis** of core samples in Australia

GOALS

Establish **extent of depth**
Produce **3D models** of all **major quartz bodies**
Estimate total reserves