

## EG Geosciences

...is a student research group at the Einstein Gymnasium in Kehl, Germany. Under the guidance of Philipp Moll, the group is active in the fields of geology, geophysics, and archaeology.

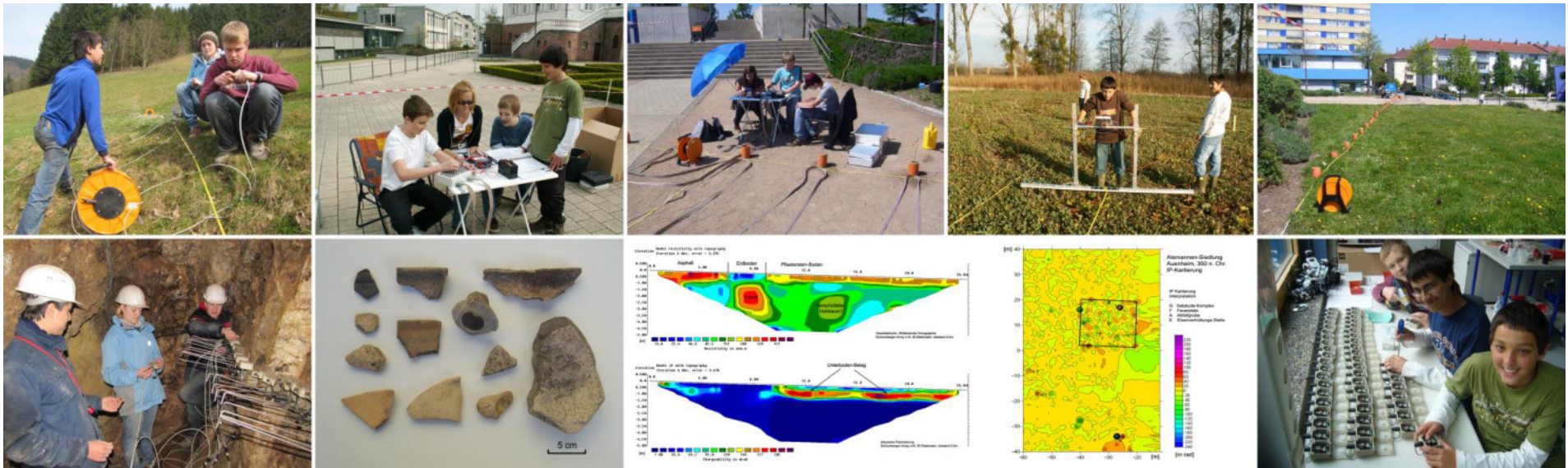
Mr. Moll studied geology at the University of Freiburg, conducted field excursions in Canada, and has been a teacher at the Einstein Gymnasium since 2003.



<https://einstein-kehl.de/de/index.php>

From 2009 to 2013, the students of **EG Geosciences** carried out a variety of projects and made numerous interesting discoveries. Using **geo-electrical methods**, the team conducted the following projects:

1. Mapping the layout of an Alemannic settlement dating back to the 4th century
2. Surveying an underground passage and bunker rooms of the Kehl military complex (1861–1945) near the French border
3. Measuring potentially silver-bearing ore veins in the area of the historic Suggental mine near Freiburg



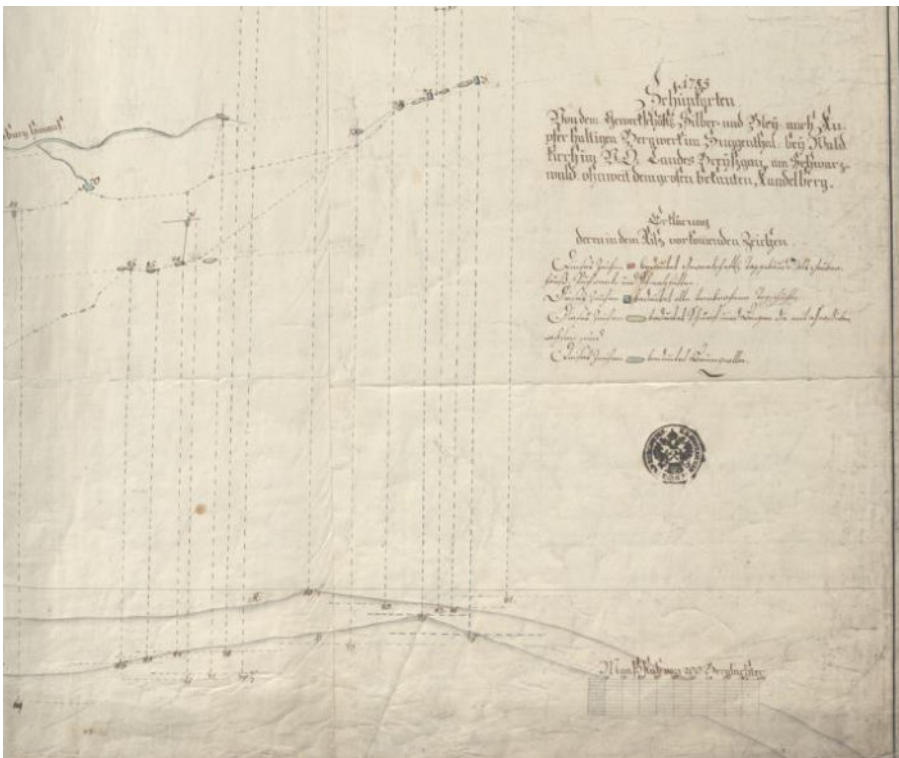
In September 2025, **EG Geosciences** was relaunched. Philipp Moll meets with 20 students on Mondays from 3:30 to 5:00 p.m. in the school's geography room (132). The long-term project involves the **study of geology** and selected **topics in geophysics**. The knowledge gained in class is applied during **field excursions**.

### Current Projects

1. Continuation of investigations at the **historic silver mine in Suggental** near Freiburg. Following the recent discovery of a 1785 mine plan in an Austrian archive, we aim to locate previously unknown tunnel sections using geo-electrical surveying methods. By applying Electrical Resistivity Tomography (ERT) and Induced Polarization (IP), the Suggental mountain area will be prospected for undiscovered baryte and quartz veins that may contain silver mineralization.

2. Scientific exploration of the complex **geology of Norway**.

Philipp has a great love for Norway and plans to carry out geological excursions with his students in the northern part of the country in the future. The main areas of focus are geological history, petrology, and ore deposit studies. A special adventure for us is the search for beautiful minerals and precious metals.



Survey map of the Suggental Silver Mine, 1785



Ulddaivárri, Tromsø, Norway



**EG Geosciences Team 2025**; *top row*: Linus, Lukas, Elias, Mattias, Rayan, Luca N., Helen, Anael, Herr Moll, Nicolas, Michael, Leon, Nadim, Johannes;  
*bottom row*: Ahmad, Ayesha, Shaleen, Elina, Erda, Paluxa, Tom, Arno; *nicht im Bild*: Pauline, Luca A., Aniol