

# Mining



## Fluorite-Baryte Mine Development in Niederschlag (Germany)

### Client

EFS Erzgebirgische Fluss- und Schwespatcompagnie  
GEOS GmbH

### Life of Contract

Since 2006

### Subject

- Feasibility study
- Planning
- Permitting
- Consulting services

### Project Value

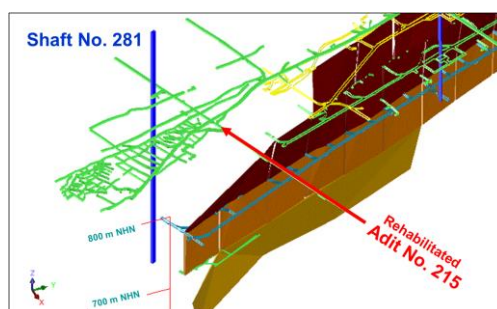
18,000,000 EUR

### Project Description:

Geological exploration during the 20<sup>th</sup> century indicated a hydrothermal fluorite-baryte mineralisation. The ore vein of 2 to 4 m thickness extended over a distance of 4 km. In total 3.3 mega tonnes of ore reserves were proved.

Rising market prices, especially for fluorite, and a positive outlook for this commodity for the future years motivated an investment consortium to apply for the mining rights.

G.E.O.S. was contracted for technical assistance in the project preparation and permitting period, for geological, hydrogeological and environmental services. Special care concerned the areas of near-surface previous vein mining located in the roof of the fluorite-baryte deposit in order to develop a concept avoiding technical complications during the future mining operation.



Latest services provided for the mine concerned infrastructural planning for surface facilities



By the end of 2012 production fluorite started.

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