

Cement Plant Kokshetau, Aqmola Region, Kazakhstan

Client name: International Investor

Service area	Contract value	Project duration
Deposit Evaluation	confidential	2007



Project description:

An international Investment Group is planning to construct a Cement Plant in northern Kazakhstan, close to the capital Astana. Therefore they acquired the necessary natural resources: the limestone deposit in Kokshetau. The capacity of the cement plant should be a production rate of 5,500 t clinker per day. To investigate the deposit there were many exploration reports available, the oldest from 1955. At this time already the deposit was explored by numerous drillings intensively. HPC was contracted to evaluate the deposit in Kokshetau based on international standards.

Further project data:

- area of about 2 km²
- 80 million t limestone
- 17 million t mudstone

Purpose:

- developing project: mining
- Due Diligence

Our services:

- evaluation of all available deposit data
- digitisation of all data
- construction of a 3D-deposit model
- evaluation and assessment of the model
- calculation of the resources based on JORC code
- new assessment of the background radiation
- calculation of the useable and mineable reserves
- financial and economical assessment (CAPEX, OPEX, IRR, NPV, ...)
- Due Diligence

Client benefits:

- modern 3D-Modeling of the deposit and assessment based on JORC for a Bankable Feasibility Study

