



*Add value
to your operation.
Add confidence to
your investment
decision.*


**Xenith**

EXPLORATION MANAGEMENT



Project, Concept & Feasibility Studies
Resource Evaluation & Geological Modelling
Operations Planning, Design & Scheduling
Due Diligence & Technical Reviews
Coal Industry Consulting
Valuation & Corporate Advisory
Metals & Minerals Industry Consulting
Business Optimisation, Financial Modelling & Cost Review
Infrastructure & Project Management
Exploration Management
Land Rehabilitation
Environment & Approvals

EXPLORATION MANAGEMENT



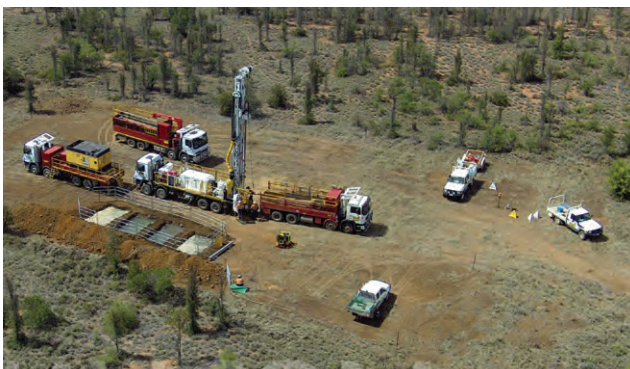
XENITH PROVIDES A FULL MULTI-DISCIPLINARY CONSULTING SERVICE FROM RESOURCE TARGET GENERATION AND EXPLORATION MANAGEMENT THROUGH TO GEOLOGICAL MODELLING, MINE OPERATIONAL SUPPORT, FEASIBILITY STUDIES AND DETAILED MINE PLANNING, INCLUDING SPECIALIST FINANCIAL ANALYSIS, INFRASTRUCTURE DESIGN AND CORPORATE ADVISORY FUNCTIONS.

Xenith offer a full turnkey exploration service for both coal and metalliferous projects, including the statutory roles of Coal Mine Operator, permit holder and SSE. Xenith has a highly motivated and experienced team of exploration experts that support us in Australia and around the world. We have completed many large and small-scale exploration projects in Australia and abroad in both support roles and as a turnkey service provider. We utilise state-of-the-art logging software and tools, as well as the benefit of prior experience of our resource geology team in the major coal basins of Australia.

Commodities Expertise

We deliver exploration and project management services across the following commodity sectors:

- Coal and Coal Seam Gas
- Base Metals
- Gold and Platinum Group Metals.
- Phosphates, Potash
- Manganese.



Exploration Services

Our team delivers the following core services:

- Exploration planning
- Budget development & procurement
- Land access negotiation
- Provide Safety and Health Management Services
- Geological mapping and interpretation
- Reconnaissance and information gathering
- Geological data acquisition and management
- Sampling and laboratory management
- Data acquisition software
- Contractor management
- Rehabilitation.

CASE STUDY

Xenith acting as CMO and SSE recently managed and delivered a turnkey coal exploration program in the northern Bowen Basin. The project included some tough landowner negotiations and hence operating conditions, SHMS requirements and statutory notifications, planning the program, data acquisition, rehabilitation of the drill sites and delivery of the final JORC statement. The intricacies of the program were such that for the first time in 25 years of exploration on QLD we were required to not only operate with above ground sumps but remove all waste from site to a third-party location – this proved extremely difficult based on geographical location of the site. All the statutory and CCA obligations were met and the geological program delivered on time. We continue to act as CMO and SSE for multiple clients.

