



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


**Xenith**

ENVIRONMENT & APPROVALS



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

ENVIRONMENT & APPROVALS



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 delivers Environmental Management solutions from due diligence and strategic advice through to specialist technical studies at concept, prefeasibility, and feasibility stages including the provision of project management services.

Xenith's technical team and specialist third party associates have extensive experience in delivering environmental solutions across the following market sectors:

- Mining
- Mine closure
- Environment
- Civil construction
- Government.

Our team delivers the following core services:

- Strategic approvals advice
- Introduction and negotiation with government
- Risk assessment and management
- Project due diligence
- Environmental impact assessment
- Plan of operations
- Progressive Rehabilitation and Closure Plan (PRCP) (QLD)
- Estimated Rehabilitation Cost (ERC) (QLD)
- Mine Operations Plans (MOPs) (NSW)
- Rehabilitation Cost Estimate (RCE) (NSW).
- Construction environmental management
- Geographic Information System mapping and analysis (GIS)
- Land access
- Project management.

Where required we utilise specialist technical environmental services through trusted associates ensuring a single consultancy interface for our Clients.

CASE STUDY

Xenith Consulting was engaged to undertake the entire scope of a pre-feasibility study for a greenfield Australian mine. The study was undertaken by a fully integrated Xenith team, drawing on all the skills of our business, including approvals, environment, geology, mining, and support infrastructure including coal handling and preparation plant, power and water supply. Our Environment and Approvals Team addressed all aspects of the study required by the applicable acts including Land Use and Local Roads, Contaminated Land, Surface Water Quality, Hydrology and Hydraulics (flooding and water management), Waste Management, Ecology, Air Quality, Noise and Vibration, Traffic and Transport, Cultural Heritage and Social Impact.

The outcome of Xenith's specialist and integrated study approach lead to success in obtaining all mine approvals and it has since been developed and is now in production.

