

FINAL LANDFORM AND REHABILITATION

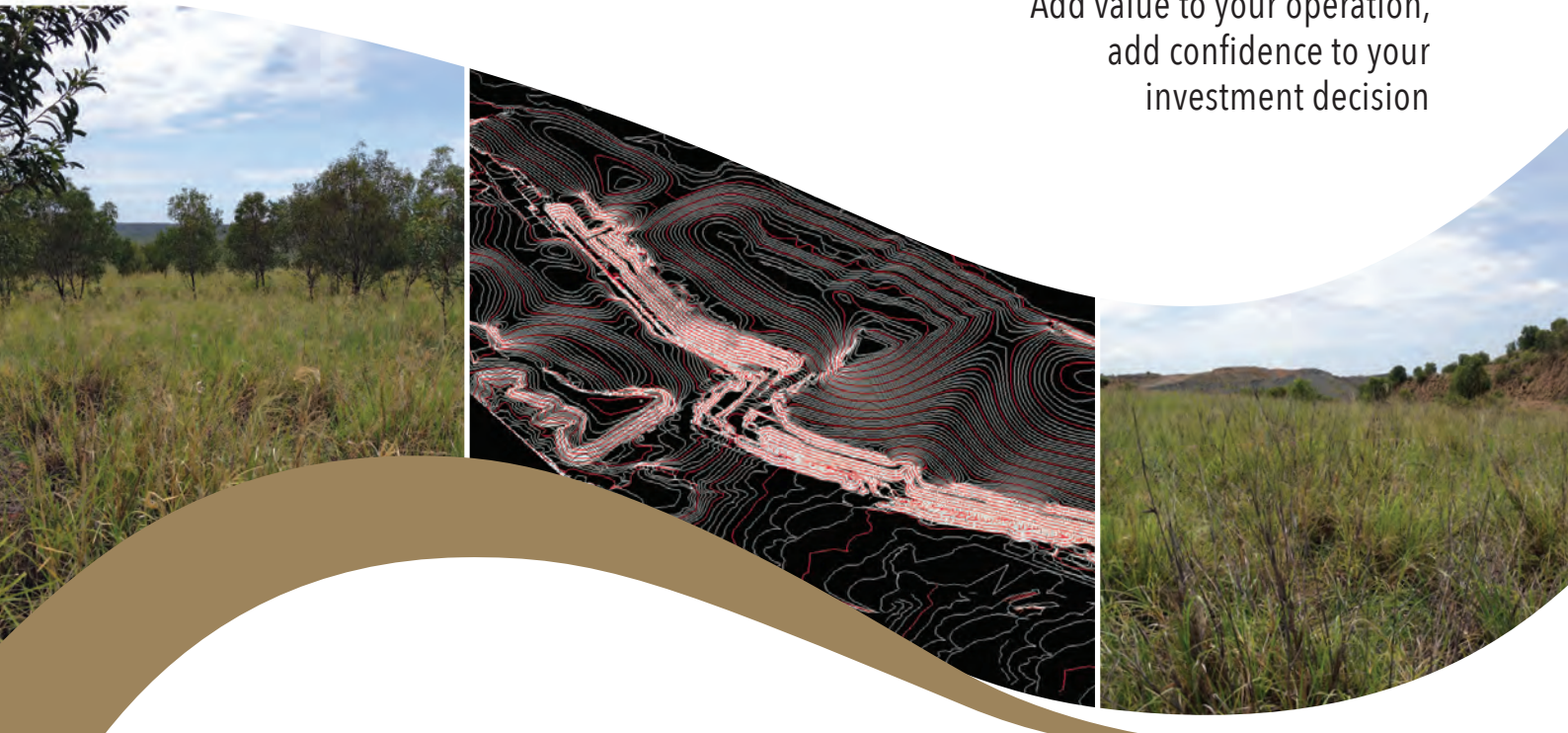
Add value to your operation, add confidence
to your investment decision



Exploration Management
Due Diligence and Technical Reviews
Project, Concept and Feasibility Studies
Environmental Planning and Approvals
Risk, Insurance and Safety Management
Infrastructure and Project Management
Operations Planning, Design and Scheduling
Resource Evaluation and Geological Modelling
Business Optimisation, Financial Modelling and Cost Reduction

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XENITH PROVIDES A FULL MULTI-DISCIPLINARY ADVISORY SERVICE FROM INITIAL RESOURCE TARGET GENERATION AND EXPLORATION MANAGEMENT, THROUGH TO FEASIBILITY STUDIES AND DETAILED MINE PLANNING, INFRASTRUCTURE, FINANCIAL ANALYSIS, APPROVALS, PROJECT DEVELOPMENT AND MINE OPERATIONAL SUPPORT.

Xenith's Mining, Final Landform Rehabilitation and Environment teams have extensive experience in delivering mine planning and environmental solutions through cross-discipline collaboration in the areas of:

- Mining
- Mine closure
- Environment
- Linear infrastructure (power, rail, road and pipelines)
- Energy (utilities, oil & gas and renewables)
- Civil construction

Our team delivers the following core services:

- Progressive rehabilitation approach to mine planning
- Generating Life of Mine final void and landform surfaces
- Naturally "rolling" final landform design for mine closure
- Financial assessment of final landforms for mine closure
- Financial assurance and insurance
- Risk assessment and management
- Environmental impact assessment
- Plan of operations
- Project management

Specialist technical services we provide:

- Mine rehabilitation including subsidence
- Soils and land assessment
- Geotechnical assessment
- Landform material assessment and characterisation
- Erosion and water flow modelling
- Water quality
- Revegetation

Our team has expertise in a range of software packages including, but not limited to:

- 3d-Dig Plus
- Deswik
- Vulcan
- Minex



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