CAPABILITY STATEMENT

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SDF provides a wide range of mineral processing and hydrometallurgy design and plant optimisation expertise. The SDF team has a wealth of experience in the mining industry, both in Australia and internationally. The primary focus of SDF is to utilise this experience and expertise to assist mining companies extract maximum value from their investment.

At SDF, we believe that the quality of decisions taken during the initial stages of project development greatly influence the ultimate project outcome.
Our key focus is to work with clients from the earliest stages of project development to determine the most effective process route. Typical considerations include:

- Impact of ore characteristics on process design
- Metallurgical testwork definition, management and interpretation
- Process selection and flowsheet development
- Process modeling and simulation
- Technical and economic comparison of flowsheet options
- Development of process design criteria, mass balances and key equipment sizing
- Establishment of process control strategy and philosophy
Following process definition, SDF has the capability to continue working with clients to assist with study management and project implementation strategies. Specifically, SDF can provide the following services:

- Pre-feasibility study preparation or supervision
- Value engineering review
- Definitive feasibility study supervision and management
- Detailed design assistance or overview
- Commissioning procedures and management
- Process optimisation and modernisation
- Operational support and audits
- Troubleshooting
- General study and project management services.