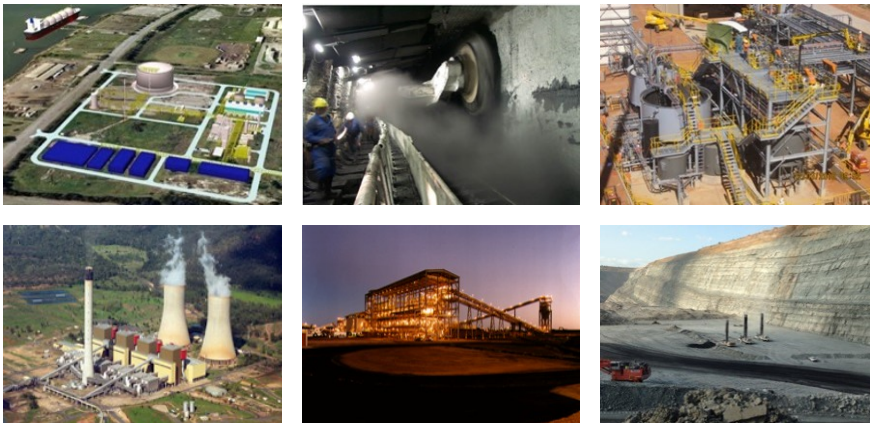




PRIMED Global

Capability Statement



Chris Hanson, Director - Technical

Chris Hanson manages the mining services division of Primed Global. He has +30 years mining experience in practical operational mining and consulting both in Australia and internationally, and has strong industry experience and credibility in the areas of underground and open cut geotechnical engineering. Chris has conducted a number of high profile JORC Resource assessments including for the Moatize and Carmichael Coal Mine Projects. Chris is currently the Site Senior Executive for the Springsure Creek Coal Project and has significant experience in structured integrated project management, with a Diploma from the AIM in this area.

Andrew Huston, Director - Projects

Andrew Huston is a Project / Construction / Engineering Outage manager having directly managed over A\$1Bm worth of project/outage work with a majority of these being brown field projects. This capability extends across the mining industry (coal, copper, gold and uranium), power generation (hydro & thermal) as well as LNG study manager experience. This unique experience has fostered the development of an in-depth understanding of what is required to deliver a successful project, right from the study phase through to commissioning and handover. The project management experience is supported with seven years in maintenance as a workshop supervisor or mechanical engineer within the power and mining industries.

Patrick Humphries, Director - Studies

Patrick has over 20 years' experience in underground coal mining operations, feasibility management and mining research. Patrick has led major project feasibility studies for Adani Mining Australia, BHP Mitsubishi Alliance, Vale and Mount Isa Mines (now Glencore) to identify, develop and deliver high capacity underground coal mines in a timely manner. Patrick has a solid background in underground coal production including roles as Longwall Superintendent, Technical Services Superintendent and Ventilation Officer at a number of Queensland mines. He has extensive expertise in the development, implementation and management of Principal Hazard Management Plans for Ventilation, Gas, Mine fires and Spontaneous combustion. Patrick has been a leader in the development and application of innovative inertisation techniques for the prevention of spontaneous combustion in underground coal mines resulting in increased safety and productivity in Queensland coal mines.

David Green, Director - Geology

David has over 38 years of experience in coal geology from exploration planning to mine site operations and for 3 years he was the Coal Geoscience Manager with the Queensland Geological Survey, leading a team evaluating the current and future coal resources in Queensland. He has a broad knowledge of Queensland coal resources and industry and also has experience in Mongolia, Canada and Indonesia. David provides knowledgeable exploration management, data management and interpretation, geological evaluation, assessment and reporting on coal projects. He can provide Due Diligence, Technical Audits, IGRs, Project Reviews and a variety of other studies and reports. David has been jointly awarded 3 ACARP project grants which included an evaluation of acoustic scanners and the development of CoalLog.



Sean Wilson, Principal - Underground Mining Engineer

Sean has had over 13 years' experience in the underground coal mining industry with extensive experience in the operation and design of high productivity longwall mining operations and is highly proficient in the operation of various specialised software packages including Deswik, XPAC and VentSIM. Sean's operational experience comprises of the management of all areas of coal mine technical services including subsidence, spontaneous combustion, complex geological/geotechnical conditions, gas drainage and operation/management of ventilation circuits. Sean has been involved in the preparation of several engineering studies at various levels for major projects including the Teresa Project Pre-Feasibility Study (Link Energy Pty Ltd) and as Project Leader for the Carmichael underground Feasibility Study.

Chris Schlebusch, GIS Services

Chris Schlebusch has a background in electronic engineering, industrial design and more than 15 years in the spatial industry as both a Geographic Information Systems (GIS) consultant and the GIS lead for a large multi-disciplinary mining, infrastructure and logistics project. He has worked on mining, resources and infrastructure projects in Australia, Africa, Asia, South America and Canada where he supported decision making with GIS and cartographic products in addition to providing hardware, software and process solutions. He has deployed and managed geoscientific information management solutions, enterprise GIS infrastructure, and web GIS tools using platforms such as Micromine's GeoBank, Esri's ArcGIS suite and Latitude Geographics' Geocortex. His deployed Mobile and Web GIS solutions have been used for Australian local government, state-wide utilities and national organisations' information collection, valuation, and asset audit projects. His cartographic products have underpinned Environmental Impact Statements, Mining Lease Applications and Prospectus publications.

Robert Johansen, Commercial and Financial Services

Robert has a unique combination of qualifications consisting of a Bachelor of Commerce, Bachelor of Laws and Bachelor of Engineering (Mining) with first class honours and a University Medal. He is a 15 year qualified Certified Practising Accountant (CPA) and BAS Agent, a 15 year member of the AusIMM and a 10 year member of the Australian Institute of Company Directors. He has 6 years' experience as an ASX listed company director. Robert has worked in both technical and line management roles as well as management and director roles. He has previously owned and operated a transaction management business and has owned and operated his own mining projects.

Robert's core skills include:

- Legal qualification and engineering background to ensure that financial models are evidence based, reflect the reality of contractual arrangements in place and take account of the variability of mining scenarios.
- Strong contract negotiation skills informed by real world experience in developing mining projects from concept, through pre-feasibility and feasibility stages while managing the interests of multiple stakeholders.



Walter Keilich, Principal Geotechnical Engineer

Walter is a mining professional with 19 years' experience in mining / geotechnical engineering and holds Registered Professional Engineer of Queensland (Geotechnical Mining) status. He has experience in open cut and underground operations including operational site support, geotechnical risk management, site investigations, geotechnical design, numerical modelling and project management. Walter also holds a PhD in mining / geotechnical engineering from the University of Wollongong in the field of mine subsidence mechanics and longwall mining effects on river valleys.

Walter's core skills include:

- Operational site support including geotechnical design reviews, site inspections and secondments.
- Geotechnical model development, including rock mass characterisation and domain modelling.
- Development of Principal Hazard Management Plans and TARPs.
- Independent technical reviews, due diligence and studies.

David Drakeley, Exploration Manager

David has +15 years of practice in geology, exploration and management roles in public and private mining-related enterprises. He brings a particular talent for exploration project planning and execution that is accurately attuned to solve technical challenges. As a holder of the SSE qualification, David has an unwavering commitment to safety and believes that the development of a culture where everyone goes home safely is achievable with the right practices, environment, people and leadership.

David's core skills include:

- Desktop and remote sensing studies to identify exploration targets;
- Design of exploration programs;
- Development of exploration schedules and budgets;
- Contractor tender preparation, evaluation and management; and
- Exploration site safety management as a qualified Site Senior Executive.



Hamish Manzi, Environmental and Approvals Manager

Hamish is an environment and sustainability professional with over 20 years in a diversity of executive and operational roles across the consulting, resources, and infrastructure sectors and across all states and territories of Australia and in New Zealand and Singapore. His experience is across the full project lifecycle from feasibility & financing through to commissioning & operations, with project experience across the water, civil, building, mining, rail, port, telecommunications, and energy sectors. Hamish has developed and implemented approvals and engagement strategies for complex and challenging projects and has experience with Queensland, New South Wales, South Australia and Commonwealth planning and approvals processes.

Hamish's core skills include:

- Technical leadership, oversight, direction and review across environment, approvals and stakeholder functional areas including coordinating relevant expertise;
- Planning and environmental approvals strategy development, execution program and delivery;
- Risk, opportunity and compliance expertise gained from extensive project development experience; and
- Environmental, Approvals and Social Governance strategy, reporting and implementation.

Andy Hall, Principal Geophysicist

Andy is a Geophysicist specialising in well log data analysis with over 30 years' experience working in the oil and gas, CSG and mining industries providing cost effective solutions for evaluating sub-surface structures and fluid flow potential. In his career, Andy has led projects throughout Australia and New Zealand and also in Africa, Asia, Europe and South America. His expertise is in drilling programs ranging from steering horizontal wells using real time data, exploration and development wells onshore and offshore to multi-well CSG and mine resource programs for environmental impact and resource assessment. In these programs, Andy plans and manages efficient core and log data acquisition programs, routine and special core analysis programs and integrates the results providing detailed structural and petrophysical interpretations.

Andy is an expert in geological database creation and maintenance having built databases of hundreds of wells in the Geolog software to allow correlation of geological formations and calculation of facies or petrophysical properties. This is used to either determine the environmental impact of drilling on aquifers by looking at offset well, calculate hydrocarbon reserves or plan new well trajectories based upon a detailed database and geological surfaces. After many years in the oil industry, Andy has developed skills in data manipulation using Excel macros and complex Geolog Loglan coding. The full use of the software enables more consistent, quicker interpretation of larger datasets allowing better solutions in a shorter time scale.



The **PRIMED Global (PG)** team provides independent technical, study / project / asset management advice and services to the Mining (coal, metals and minerals), Power Generation, Liquefied Natural Gas and Infrastructure sectors. PG staff specialise in resolving complex issues by understanding the relevant technical, legal and commercial considerations and then developing and delivering integrated solutions.

Our Philosophy

Our core philosophy is to create prosperity for our customers, communities, shareholders and stakeholders through the practical implementation of smart thinking.

Project Development Capability

PG has extensive expertise to develop your project through all stages of the life cycle, through a dedicated team of project managers and technical and operational experts with the proven experience and knowledge that is required to deliver a successful outcome.

Operational Support Capability

PG staff are leaders in providing technical expertise for both underground and surface mining operations and supporting infrastructure. PG has the operational experience to identify issues and provide advice that will deliver improvements in safety, cost and business performance.

Statutory Services and Risk Management Capability

PG has a team experienced in the identification, assessment and management of risk at all levels and provides operational statutory coverage for key roles to industry.

Collaborations and Associations

PG has an extensive network of known and trusted industry recognised associates who can provide the full range of cost effective, specialist skills required for each assignment.



The services provided by the experienced PRIMED Global team include:

- Exploration management from planning to execution to reporting
- Health, safety, environmental and risk management including SSE services
- Resource evaluation and estimation to International Reporting Standards
- Geological and geotechnical interpretation / modelling
- Mining Geotechnical Design and Geotechnical Operations Management - Opencut and Underground Mining
- Civil geotechnical drilling, logging, test work and analysis for mine infrastructure projects
- Study management (Pre-feasibility, Feasibility, BFS and FEED) including:
 - Mining method and equipment evaluation
 - Surface and underground mine design
 - Processing facilities, waste management and supporting infrastructure
 - Operating and capital cost estimation
 - Environmental evaluations and approvals
- Independent project evaluations / outage reviews / audits / de-risking
- Project / engineering management, project controls, procurement and construction / commissioning management
- Due Diligence, independent geological reports, independent technical engineering reviews and expert reports
- Advice and opinion on the regulatory and commercial aspects of operations
- Mine Closure planning and project management
- Map production to cartographic principles and GIS services, including Spatial Data Management, mobile data capture deployments, and cloud-based GIS solutions.



PROJECTS

SPRINGSURE CREEK COAL - Delivered a Feasibility Level study for the Springsure Creek Coal project located in Central Queensland. The study included JORC Resource and Reserve estimation, geotechnical design, mine planning and costing for a proposed 11Mtpa underground operation.

SPRINGSURE CREEK COAL - Management of an exploration program at the Springsure Creek Project mine site, including provision of a Site Senior Executive, management of all drilling and other exploration contractors, data, coal quality testing, environmental compliance and the rehabilitation of final drill pads.

BRAVUS MINING & RESOURCES (formerly ADANI MINING) - Project services included the design and management of exploration, geological, geotechnical and hydrogeological drilling programs for the Carmichael Coal Mine Project and onsite management of a civil geotechnical drilling program and interpretation. Geotechnical design of the Carmichael opencut mine and ongoing operational geotechnical advice and support.

SHENHUO INTERNATIONAL GROUP - Project managed all aspects of the Bankable Feasibility Study of the Taraborah Coal Project in Central Queensland, responsible for management of a 15 person study team, reviewing of all aspects of the study, as well as JORC Resource and Reserve Estimation, geotechnical design, mine planning and costing for a proposed 6 Mtpa underground operation.

BOUNTY MINING - Independent Technical Expert Review for the IPO listing for Bounty Mining's Cook Colliery and Minyango Projects. This work entailed reviewing all aspects of exploration, geology, coal quality, geotechnical, mining and infrastructure, together with the development of a five year mine plan and cost estimate to support justification for investment.

CAASON GROUP - PG staff undertook an Independent Technical Review of the geological, geotechnical and mine operational aspects of the proposed Fingal Tier underground coal mine in Tasmania. PG provided independent opinion on the reasonableness of geological resource estimates, geotechnical design and mine operating plans including methods, production level and costs.

PROJECT MANAGEMENT SUPPORT - PG staff provided project management support to various organisations including: **Rio Tinto** (Kestrel Mine Underground spot cooling design and installation); **Anglo Coal** (Moranbah North technical services and project management support); **Mastermyne** (assistance with mining feasibility studies at Stanmore); and **Glencore Queensland Metals** (assistance with Feasibility Studies).

BOWEN CENTRAL COAL MANAGEMENT - Study management for completion of Eagle Downs Feasibility Study (FEL1 and FEL2 studies) including mine planning, scheduling and equipment selection for underground and CHPP operations, coupled with the development of capital and operating cost models. Provided geotechnical assessment and design for the Eagle Downs feasibility study. The work involved all aspects of strata characterisation, numerical modelling of stress interactions, and pillar and ground support design for this proposed multiple seam longwall mining operation.

SEPON COPPER MINE - Project and construction management services provided for the completion of a pre-feasibility study and the design and installation of a new scrubbing facility at the Sepon Copper Mine.

AUDITS - PG has completed numerous audits of industry safety and compliance systems including compliance against the Queensland Coal Mining Safety and Health Act and Regulations.

GIS, CARTOGRAPHY & GRAPHIC DESIGN - PG provide ongoing cartography and graphic design services to internal & external projects. PG staff use the latest tools to manage, create, edit or publish publication-ready diagrams and maps that support legislated processes, marketing or project reviews. Cloud, web and mobile GIS solutions are provided using the Esri ArcGIS platform.



RESOURCES

BRAVUS MINING & RESOURCES (formerly ADANI MINING) - Compilation validation, interpretation and management of all geological and geotechnical data from exploration and hydrological drilling programs. Interpretation of seam correlations, structure, downhole geophysics and coal quality. Provision of data, management and review of geological and geotechnical models.

SPRINGSURE CREEK - Provided a JORC Resource Estimate as well as geotechnical inputs supporting a prefeasibility study for the project.

MASTERMYNE - Providing mine planning, geological assessment, ventilation modelling and geotechnical design for a number of bord and pillar mining projects.

QUEENSLAND RESOURCES COUNCIL - Provided technical liaison between industry and government for the changes in legislation regarding confidential data in tenement (EPC, EPM, MDL) reports and the introduction of updated reporting requirements (Practice Direction and data templates). Also provided similar advice to the **NSW Minerals Council**.

PRIMED-CHECK - Provided advice and assistance to various companies in the identification of confidential data in historical tenement reports and resubmission of non-confidential data via the Geological Survey of Queensland's new Lodgement Portal.

INDONESIA - Completed a JORC Resource Estimate for a multi seam opencut coal mine project. Completed a separate JORC Resource and Reserve Estimate for an underground longwall project.

GEOTECHNICAL ANALYSIS - Geotechnical analysis has been completed for a number of underground and opencut projects including: geotechnical stability review of a large Queensland opencut metalliferous coal mine (New Century mine); RS2 2D geotechnical numerical finite element modelling for underground coal mine development heading and longwall operations; underground coal mine subsidence analysis and reviews; and slope stability analysis for open cut coal mine projects.

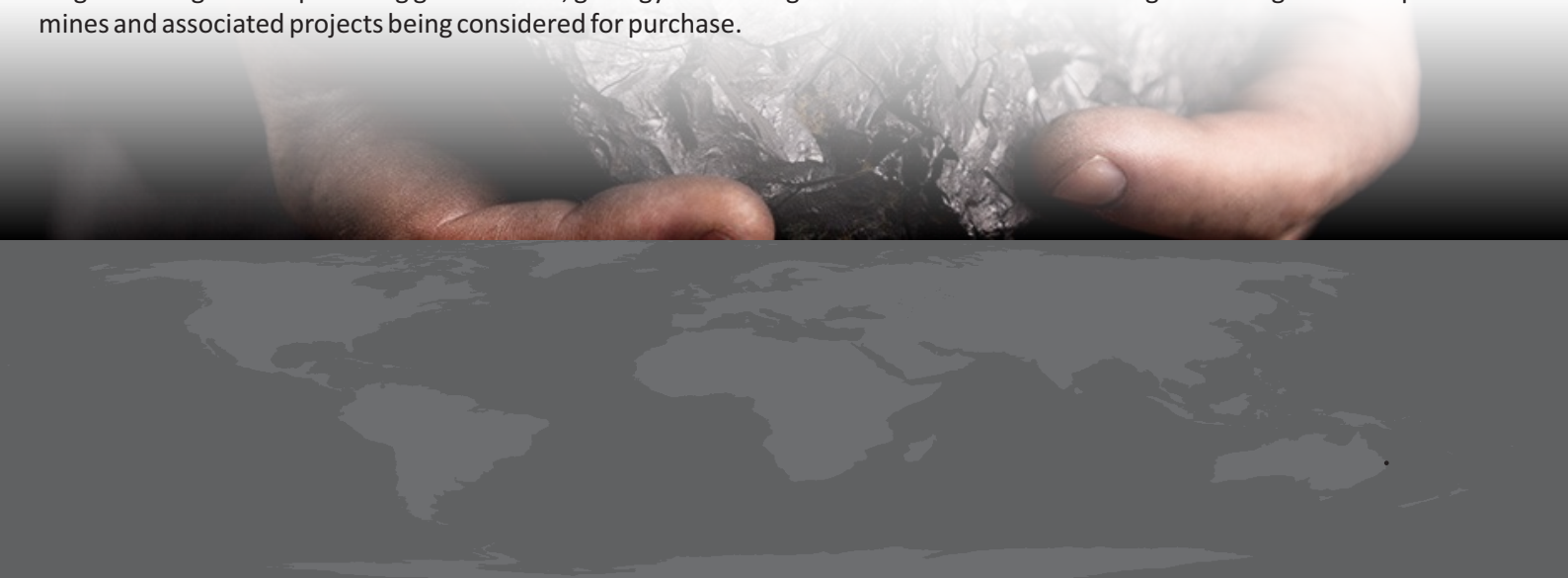
GEOTECHNICAL AUDITS & EXPERT WITNESS WORK - Geotechnical audits for a number of organisations including strata, inrush and outburst fatal hazard protocol audits across a range of underground mines and expert witness services in the area of geotechnical engineering. Geotechnical and geological advice on a large number of confidential due diligence projects.

ACOUSTIC SCANNER INTERPRETATION - Manual interpretation and review of automated interpretations to provide structure and stress data for numerous projects.

COMPANY TENEMENT REPORTS - Preparation of reports for numerous companies to meet government or investor requirements including the compilation, interpretation and evaluation of geological and other data.

EXPERT GEOLOGICAL ADVICE - Delivery of numerous reports and presentations on Queensland's coal resources, including basin wide reviews of mines and exploration projects, review of Government Tender packages, extraction of geological data from the Geological Survey of Queensland's Open Data Portal, compilation and review of geological information for specific project areas.

DUE DILIGENCE ASSIGNMENTS - PG staff were selected to provide expert advice and support on a number of confidential due diligence assignments providing geotechnical, geology and mining advice for Bowen Basin underground longwall and opencut coal mines and associated projects being considered for purchase.



INFRASTRUCTURE

APA - A number of stay in business projects were managed by the Primed Global owner's team at the **Diamantina and Leichhardt Power Station** (a team of 6 personnel), the **Darling Downs solar facility** and 2 direct link power line connections. The combined value of these SIB projects was in the vicinity of a \$15m budget. This includes: Design and installation of fire suppression systems at the Diamantina Power station to meet FM global requirements; Installation of new 11kv/132kv transformer and transformer bay at the Leichhardt Power station; Various power station improvement projects including the design and installation of a new alternative cooling tower pumping system improving the reliability of the power station.

MOUNT ISA WATER BOARD. Project engineering services to look after the various capital works.

GEOVIC - Engineering management for green field poly-metallic leach, SX-EW project at Nkamouna Cobalt-Nickel-Manganese feed in Cameroon proposed for a remote jungle area. Significant logistics, construction and geotechnical challenges had to be addressed.

CONVEYANCE OPTIONS FOR MINE PLANNING SUPPORT - PG was engaged to conduct assessments of various conveyance options such as Haul Truck, Road Trains and belt conveyors at a manganese and a bauxite mine site. The purpose of the study was to reduce long-term mining operating costs.

QUARRY CRUSHING PLANT UPGRADE STUDY - PG provided the electrical, mechanical and drafting resources to complete a review and feasibility study to increase the capacity of a Basalt crushing plant (Fairfield quarry).

REAGENT PLANT RELOCATION STUDY - PG completed a study and tender to relocate a chemical plant (NaSH and CopperSulphate) from the Coogee site to the Mount Isa Mine site. The plant was not relocated as it was sold to Coogee Chemicals.

REAGENT PROJECT REVIEW - PG completed a review and provided a project execution plan for the Aerophine (reagent) project for the Lead Zinc concentrator at Mount Isa Mine.



MINING

BRAVUS MINING & RESOURCES (formerly ADANI MINING) - Design and management of exploration, geological, geotechnical, hydrogeological and mine planning. Study management for the development of the mining program including concept, feasibility and bankability studies. Mining equipment selection and tendering, contract mining tender development and negotiation.

CONCEPTUAL UNDERGROUND MINING STUDY - Completed geotechnical multi seam stress, pillar design, ground support and Longwall Top Coal Caving analysis for a multi-seam exploration project in the Upper Hunter Valley, NSW.

DONALDSON COAL - Detailed life of mine plan for bord and pillar operations at Tasman and Abel Mines. Pre-feasibility study of the introduction of longwall mining at Abel, undertaking detailed assessment of ventilation and mine services requirements and developing operating plans and economic forecasts.

MACARTHUR COAL - Completed an initial assessment of the potential for underground mining at Macarthur Coal's Moorvale and Moorvale West tenements.

ANGLO AMERICAN - Front end work on the upgrade and extension of the Coal Handling Preparation Plant at Moranbah North Coal Mine. Completion of a \$4million upgrade of the magnetic separators in the coal handling plant.

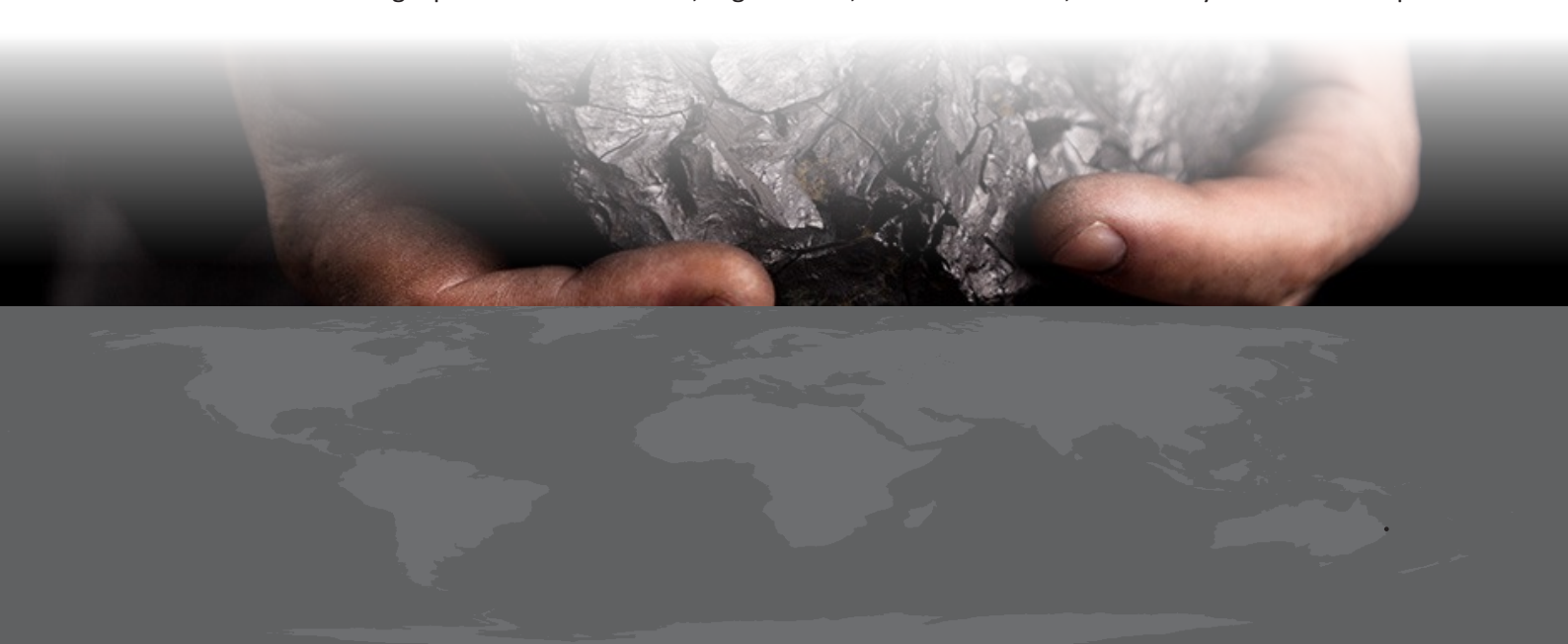
OPERATIONAL REVIEWS and associated mine costing at the following sites:

- **BHP COAL:** South Walker Creek
- **AUSTRALIAN PREMIUM COALS:** Coppabella and Moorvale Operations
- **CAML RESOURCES:** Foxleigh Coal Mine
- **GLENCORE:** Bulga Coal Operations
- **BHP COAL:** Poitrel Project
- **SOUTHERN PACIFIC:** Kogan Creek Project
- **EXCEL MINING:** Las Carmalitas Coal Project, Venezuela
- **CARBONES DEL GUASARE:** Paso de Diablo Coal Mine, Venezuela

KCGM - Provided control and development of the mining engineering aspects of the Fimiston open pits at the Super Pit in Kalgoorlie. Coordinated operational reviews to maximise performance and cost reduction. The Fimiston mining operations is a multi-phased Super pit, the largest Gold mining operation in Australia. Total movement of up to 60 Mtpa including 7 Mtpa of Ore producing 600,000 oz with +600 staff and contractors.

PLACER PACIFIC - Management for the development of all short term planning and production functions to meet production targets at the Granny Smith Gold Mines. Cost effective contract management of mining operation to meet safety, environmental and production requirements. Coordinated operational reviews to maximise performance and cost reduction. Granny Smith is a multi-pit gold mining operation spread over a very large mining lease area serviced by a main Gold Processing facility. Total movement of up to 30 Mtpa including 4 Mtpa of Ore producing 250,000 oz with +300 staff and contractors.

FEASIBILITY STUDIES - including Alpha and Kevin's Corner, Eagle Downs, Adani Carmichael, BMA Goonyella Riverside expansion.



ENERGY

POWER STATION OUTAGES - PG have provided project management and other services for the Diamantina Combined Cycle Power Station 60,000 hour outage. Outage management for the successful completion of the four Siemens SGT800 gas turbines and associated heat recovery steam generators at the Diamantina Power Station in Mount Isa. The gas turbines are now successfully operating providing reliable power to the Mount Isa region. Costs on budget even with the impacts of COVID 19 and a 3 week delay due to flights being cancelled for Siemens personnel coming from Sweden / Hungary. No COVID 19 brought to the Mount Isa region with the implementation of a practical COVID management plan. All of the gas turbines and heat recovery steam generators were completed before the Mica Creek power station was shut down on 1st Jan 2021.

GAS POWER PLANT DEVELOPMENT - PG managed the assemble of a feasibility cost estimate for the development of a 1000MW gas fired power station.

LANDSLIP REPAIRS - PG provided the project manager, civil engineering and drafting for the repairs of a landslip on the Direct Link (DC Power Line) in NSW.

SOLAR INSTALLATIONS - PG provided the project execution plan for the first of five solar projects in Central QLD





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