

**PERSONAL RESUMÉ**

**JACQUES FRANCOIS  
ABRAHAMSE**

**June 2001**

**San Juan Coal Co. Exhibit No. 20  
Before the Oil Conservation Commission  
Hearing Dates: October 29-31, 2002**

CAREER OBJECTIVE

To maintain a position within the coal mining industry that will give me the formal direction needed to successfully integrate and develop as a mining professional.

Such a position would offer challenge, scope, opportunity, responsibility, reward and personal development and growth leading to career advancement in the mining industry.

CAREER SUMMARY

During my final years of part-time study for my B.E. (Mining) I commenced work in a colliery to gain experience and learn at the coal face. This experience provided me with a sound basis for underground coal mining operations and techniques.

My Graduate Traineeship exposed me to both strip mining and underground operations. In both these positions I have gained knowledge, technical skills and interpersonal skills that have been invaluable to me as a technical and field engineer.

Being part of a small management team as a Mining Engineer at Moura No 2 Underground Mine allowed me to be more readily involved in all facets of the operation. This included - short to long term planning, project management, project supervision, daily supervision of work crews and liaison with consultants, and budget justifications.

The placement at Crinum Mine has developed my skills in a variety of roles: development in Longwall operations; short term planning; in the role of a Production Coordinator on shift and now as the Ventilation Officer. Exposure on shift has allowed me to develop and provide leadership to the mining department employees so that they could develop safely, efficiently and productively. The Ventilation Officers position is a statutory position under the Coal Mining Act. I have developed my skills in the training of persons, management plan implementation within Crinum's Risk Management systems and the supervision of contracting projects.

All these experiences have enhanced my professional skills. I wish to secure a position which would allow me to utilise these skills and further enhance my professional development in a role of senior management.

**KEY SKILLS**

**Continuous Improvement      Teamwork- Motivation Coaching- Leadership**

achievements:

- Upgrading of ventilation control devices to a design standard within a controlled budget by organising contractor vendors.
- Motivating and leading a production crew to a 1 year LTI free status.
- Ownership of "Scopes of Works" by deputies and or the operators for planned or sequenced tasks.
- Team development of standards and procedures for Management Plans in Spontaneous Combustion, Gas and Ventilation.

**Communication**

**Organising**

**Planning**

achievements:

- Formalising start of shift meetings and the process of planned tasks with allocated resources.
- Assistance in the development of the underground Tag Board system.
- Conducting Risk Assessments for planned and unplanned tasks.

**Engineering - technical      Decision Making**

**Problem Solving**

achievements:

- Upgrading the main fan system and the associated ventilation control devices underground.

**Delegation Troubleshooting**

**Controlling**

achievements:

- Development of the new deputies in the industry at Crinum and then in turn to develop their understanding of the importance of mining and new standards.

**Risk Management**

**Accident Investigation**

**Analytical**

achievements:

- By being involved with the Moura No 2 Inquiry, it has given me great insight to systems, standards and management of high risk tasks and environments.

EMPLOYMENT HISTORY

\* SEPTEMBER 1999 - MAY 2001

BHP AUSTRALIA COAL  
(CRINUM MINE, QLD)

Position

- Ventilation Officer (Qld Coal Mining Statutory Position)

Scope

- Short, medium and long term mine ventilation planning, and Queensland Coal Mining statutory compliance responsibilities for Crinum Mine.

Duties

- Undertake the Statutory position as a Ventilation Officer as per the Coal Mine Act 1999 and associated new approved standards and regulations in accordance with the new Coal Mining Safety and Health Act 2001.
- Provide leadership, resources, scopes of work and training to ensure that work is performed in a safe proper manner.
- Establish, develop and audit the system procedures for the management of the Spontaneous Combustion, Ventilation and Gas Management Safety plans for Crinum Mine.
- Provide leadership to improve employee and union relationships and maximise contractor efficiency.
- Manage and Audit contractors safety and procedural management plans while on site.
- Implement effective safety and training programs for the Spontaneous Combustion, Ventilation and Gas Management Safety plans for Crinum Mine.
- Team building of production employees to improve efficiency in utilisation of resources, involve employees in decision making, enhancing communication to improve productivity rates using the key performance indicators as our goals.
- Coordinate work in accordance to the mine plans requirements.
- Placement of tenders for contract work.
- Facilitate the introduction of new technology and other work place changes, using the Continuous

Improvement system and the Risk Assessment and Risk management principles.

**\* MARCH 1996 - SEPTEMBER 1999**

**BHP AUSTRALIA COAL  
(CRINUM MINE, QLD)**

Position

- Shift Coordinator (Statutory Undermanager 3.5 yrs)

Scope

- Daily to short term mine scheduling and planning activities, and statutory compliance responsibilities for Crinum Mine.

Duties

- Undertake the Statutory position as an Undermanager on shift as per the Coal Mine Act 1925 - 1981
- Provide leadership, resources, scopes of work and training to ensure that work is performed in a safe proper manner.
- Maintain and audit the system procedures for the management of safety plans for Crinum Mine.
- Provide leadership to improve employee and union relationships.
- Team building of production employees to improve efficiency in utilisation of resources, involve employees in decision making, enhancing communication to improve productivity rates using the key performance indicators as our goals.
- Coordinate work in accordance to the mine plans requirements.
- Facilitate the introduction of new technology and other work place changes, using the Continuous Improvement and Risk management principles.

**\* JANUARY 1995 - MARCH 1996**

**BHP AUSTRALIA COAL  
(CRINUM MINE, QLD)**

Position

- Underground Mining Engineer (10 months)
- Relief Shift Coordinator (Statutory Undermanager)

Scope

- Short to long term mine planning, and statutory compliance responsibilities for Crinum Mine.

Duties

- Undertake a relief Statutory position as an Undermanager on shift as per the Coal Mine Act 1925 - 1981
- Provide leadership, resources, scopes of work and training to ensure that work is performed in a safe proper manner.
- Facilitate the introduction of new technology and other work place changes, using the Continuous Improvement and Risk management principles.
- Sequence and task planning of underground mining operations on daily /weekly and monthly basis.
- Establish the systems for underground geotechnical sector in the use of Tell Tails, Pull Out testing and roof bolt torque evaluations.
- Tendering for Cable Bolting equipment and contractors with supervision

\* FEBRUARY 1992 - JANUARY 1995

BHP AUSTRALIA COAL  
(MOURA NO.2 UNDERGROUND MINE, QLD)

Position - Underground Mining Engineer

Scope - Long and short term Mine Planning and Production Schedules for Moura's Underground Mine.

Duties

- Designing of panel layout, remnant pillar design, extraction systems and ventilation requirements ;
- Technical evaluation with ACIRL on pillar stability monitoring for panel design;
- Technical assistance with mine ventilation requirements and implementation of ventilation modeling;
- Budget Justifications for oncoming fiscal year;
- Purchasing of major capital equipment;
- Daily supervision of the In-Seam Methane Drainage operation;
- Monitoring of production statistics and application of spreadsheets for daily/weekly/monthly records.
- To undertake "Project Work" for the underground workings.
- To undertake "Policy Project Work" such as Quality Assurance and Continuous Improvements

\* FEBRUARY 1991 - FEBRUARY 1992

BHP AUSTRALIA COAL  
(NORWICH PARK MINE, QLD)

**PERSONAL RESUME**

**JACQUES FRANCOIS ABRAHAMSE**

Position - Graduate Mining Engineer

Scope - Drill and Blast Engineer

Duties - Design and drafting all overburden drill patterns for 3 x 45R electric drills and driltech DK40 diesel;  
- Scheduling of the above for monthly:/3/6 and 12 monthly schedules;  
- Research into  
    1) Interburden blasting  
    2) Throw blasting  
    3) Product comparison  
    4) Reclamation blasting;  
- Field supervision as Drill and Blast Foreman;  
- Re-design the ROM haul loop for 200 coal haulers;  
- Re-design of traffic flow caused by the expanded loop above;  
- Re-evaluation of HPS dragline bucket.

**\* JULY 1988 - SEPTEMBER 1990**

**J & A FLOOR COVERINGS**

Position - Owner/Manager (Self Employed)

Scope - Contract carpet and vinyl layer working for Carpet Fashions, Prospect, NSW.

**\* FEBRUARY 1988 TO JULY 1988**

**PHILIPP HOLZMANN & JOHN HOLLAND**  
(Project Contractors  
Bondi Sewerage Outfall Project)

Position - Hardrock Miner : Machineman

Duties - Operation of various hand held mining machines;  
- Operation of road heading machinery, eg. Alpine Miner, Eimco LHD;  
- Maintenance of equipment as required;  
- Installation of service pipes (water, air)

**\* MARCH 1985 - DECEMBER 1987**

**AUSTEN & BUTTA PTY LTD**  
(Invincible Colliery, Cullen Bullen NSW)

Position - Federation Worker : Underground Machineman

Duties - Participation in special Project Work:  
- Underground roof support and roof monitoring,

## PERSONAL RESUME

JACQUES FRANCOIS ABRAHAMSE

- Operation of continuous miners, hydraulic and compressed-air roof bolting rigs, shuttle cars and Eimco LHD's;
- Section preparation;
- Fire fighting team;
- Maintenance of equipment and plant as required.

\* DECEMBER 1984 - FEBRUARY 1985

ELCOM COLLIERIES PTY LTD

(Newvale No.2 Colliery, Doyalson, NSW)

Position - Casual Labourer (Vacational Training)

Duties - Observation of panel operations and pillar extraction

## EDUCATION & TRAINING

University of Wollongong, Wollongong, NSW - 1982-87

- Bachelor of Engineering (Mining) (Hons. Class II Div. II)

Mines Rescue Certificate Of Competency

-1992 (Not current)

St. Johns Ambulance Australia

- Senior First Aid

PC trained. Microsoft programs, Safegas and Splus gas analysis software

Second Class Mine Manager's Certificate of Competency (3rd October 1995). All Coal Mines

BHP Aust Coal Supervisory courses.

Category One - Workplace Trainer Module TND123

Statutory Ventilation Officers Course conducted by the UNSW Mining Dept - J Galvin.

## MEMBERSHIPS / ASSOCIATIONS

Australian Institute of Mining and Metallurgy.

## MORE ABOUT ME



Enjoy my quality time at home with my wife and children and I also enjoy gardening and landscaping.

Active participant in bushwalking, swimming and golf.

REFEREES

|  |  |  |
|--|--|--|
| Mr Phil Reed<br>Prod Manager (RMM)<br>CAPCOAL<br>Central Colliery<br>Middlemount QLD 4746<br><br>Tel: (07) 49850 556 | Mr Gavin Taylor<br>Prod Manager (RMM)<br>BHP Aust Coal<br>Crinum Mine<br>Emerald QLD 4720<br><br>Tel: (07) 49828 151 | Mr Phil Clarke<br>Business Analysis Manager<br>BHP Aust Coal<br>Level 33 600 Bourke St<br>Melbourne Vic 3000<br><br>Tel: (03) 96093642 |
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| Mr Peter Brisbane<br>Prod Manager (RMM)<br>BHP Aust Coal<br>Ramp 0<br>Moranbah QLD 4744<br><br>Tel: (07) 49 4048000 | Mr Bruce Engelsman<br>Services Coordinator<br>BHP Aust Coal<br>Crinum Mine<br>Emerald QLD 4720<br><br>Tel: (07) 49828 123 | Mr Colin Bloomfield<br>Capital Strategy Manager<br>BHP Aust Coal<br>Level 47 600 Bourke St<br>Melbourne Vic 3000<br><br>Tel: (03) 96093585 |
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| Mr Andrew Self<br>Consultant<br>ACMC Pty Ltd<br><br>Brisbane QLD 4001<br><br>Tel: (07) 32297775 | Mr Colin Hester<br>Principal Consulting Chemist<br>Simtars<br><br>Brisbane QLD 4001<br><br>Tel: (07) 38106347 |
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PERSONAL DATA

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|----------------------------|--|
| <u>Date of Birth</u>       | - 20 January, 1963   |
| <u>Place of Birth</u>      | - Cape Town, South Africa  |
| <u>Citizenship</u>         | - Naturalised Australian (Dec. 1979)   |
| <u>Marital Status</u>      | - Married with three (3) children<br>Doreen (wife)<br>Sarah (1988)<br>Nathaniel (1995)<br>Caitlan (1997) |
| <u>Residential Address</u> | - 2 Cowan Crs EMERALD QLD 4720<br>- PO Box 776 EMERALD QLD 4720  |