CURRICULUM VITAE – BRETT STEWART

2014 - Present, Projects Manager, Sigra Pty Ltd, Brisbane

- Managing Sigra's field projects
- Instruction in field data collection and analysis techniques to field technicians and field engineers.
- Liaison with clients as to their specific needs.
- Cost estimations for field and analysis programmes.
- Personnel management.
- Drafting of safety procedural documents, risk assessments and implementation.

2007 – 2014, Senior Engineer, Sigra Pty Ltd, Brisbane

- Drill stem testing, collection of field data and analysis for mining and coal seam methane applications, strata stress testing by overcore and hydrofracture methods, data collection and analysis for mining, coal seam methane production, and civil projects.
- Design to operation of new tools and upgrades to existing tools to achieve the above-mentioned tasks.
- Design and construction overseeing of blow-out prevention and coal seam gas content systems for borehole drilling activities.
- Design and construction of coal core gas desorption, shrinkage and isotherm gas content equipment for coals.

2004 – 2007, Engineering Technologist, Joe Bradley Fibreglass Pty Ltd

- Design and development of fiberglass components for heavy vehicle transport,
- Design and development of sleeper cabs and bonnets for Mack Trucks Australia,
- Stress and fatigue computer modelling of fiberglass components using Matlab,
- Design and oversee maintenance scheduling of in house machinery and plant,
- Drafting and prototype modelling,
- General consultancy duties.
- Implementation of quality assurance policy upgrading and workplace health and safety initiatives.

1995 – 2004, Signwriter, Self Employed

- Production of advertising signs on roadside billboards, bus seats and bus shelter panels.
- Design and construction of above-mentioned structures.
- Design and registration of artwork and logos to client specific expectation.
- Liaison with cliental through all aspects of the sign production, including contractors and local government registration agencies, to achieve a time and cost-effective product.

1998 – 2003, Sports Trainer, Brisbane Broncos Rugby League Football Club

- Injury recovery and prevention co-ordination,
- Life skills tuition,
- Educational and employment advice to the under 19 and reserve grade teams.

1987 – 1995, Manager, Don Smith Sign Company

- Job cost estimation,
- Production and staff overseeing,
- Liaison with customers,
- Accounts preparation,
- Artwork preparation,
- Logo design.

1983 – 1987, Apprentice Signwriter, Baker Signs

1979 -1982, Machinist, Redcliffe Engineering and Fabrication Pty Ltd

- Large and small-scale steel structural component manufacture.

1976 – 1979, Apprentice Fitter and Turner, Redcliffe Engineering and Fabrication Pty Ltd

Qualifications and Professional Memberships

- University of Newcastle – Civil Engineering and Mining Rock Mechanics, Modules 1-3, 2012.
- Defensive Driving Program and 4WD Training, 2012.
- University of New South Wales – Well Control Supervisor, 2010.
- University of New South Wales – Geotechnical Rock Mechanics
- University of Southern Queensland - Bachelor of Engineering Technology (Mechanical), 2004.
- Technical and Further Education (TAFE), Yeronga Institute - Advanced Machining NBB006, NBB007, NBB008, 1997
- Department of Education Queensland Technical Education Branch - Trade Course Certificate, Signwriting and Screen Processes, 1987.
- Queensland College of Art - Bachelor of Fine Art (Commercial Graphics), 1984.
- Board of Secondary Studies Queensland – Senior Certificate (External), 1983
- Department of Education, Queensland Technical Education Branch - Trade Course Certificate, Fitting and Turning, 1979
- Brisbane State High School, Senior Certificate, 1976.
- Member, Society of Petroleum Engineers.
- Member, Bowen Basin Geotechnical Society.
- Member, Queensland Society of Model and Experimental Engineers.
- Justice of the Peace (Qualified)