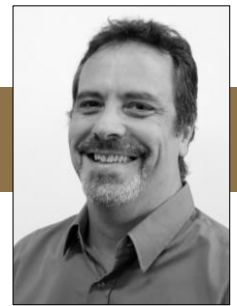




STUART BULL

Senior Geologist

BSc (Geology) – University of Newcastle



Stuart Bull is a confident achiever and a superior performer, with over 18 years experience in exploration geology and 13 years as a Senior Project Geologist.

He has extensive experience in coal exploration projects in Australia and Mozambique. Other work experience includes exploration in coal seam gas and a porphyry style gold/copper deposit. Stuart has also undertaken geotechnical and mine geology roles.

Stuart has extensive experience in exploration project management, analysis of geophysical data, supervision of a wide variety of drilling techniques, broad geological knowledge, recognition & implementation of safe work practices, field management of CBM gas exploration, interpretation of geology from drilling data, adaptability to changing work environments, supervision of drilling in gaseous environments, compilation of reports and is a quick decision maker based on sound observation.

Expertise

- **Geology & Exploration:** Geological, geotechnical and structural logging, field mapping, lox drilling, gas desorption testing, borehole and pit investigations for both engineering and construction purposes, rig safety audits, laboratory work, data revision for resource evaluation and exploration planning, database management, reconciliation of existing data and remedial advice for JORC standard, preparation of annual geological reports, license renewal reports, management of international logistics for incoming equipment and outgoing samples, working with drill/blast crew to ensure constant blast surfaces through target seam identification.
- **Supervision:** drill rig and crew supervision and management (including large scale exploration drilling programs with up to 25 rigs), supervision of: drilling and safety in a gaseous environment-above active underground goaf, coal sampling and gas desorption testing in field and on site lab incorporating Q1 – Q3 and gas chromatography, training and mentoring, responsible for management of database and project geologists, geological reporting and weekly/monthly reporting to clients, preparation of risk assessments and safe work procedures, subcontractors liaison, responsible for ply by ply coal sampling and dispatch to laboratory.
- **Geotechnical:** Production of geotechnical hazard plans through system of highwall inspections and hazard reporting, formally trained in the operation of “Groundprobe” slope stability radars and analysis of data to detect mass rock movements in highwalls.
- **Relationship Management:** Ability to effectively communicate with all stakeholders to ensure successful outcomes are achieved.
- **Gemmology:** Gem Cutting, Qualified gemmologist and Fellow of Gemmological Association of Australia (FGAA)
- **Computer Proficiency:** Excel, PowerPoint, Word, Prolog, Groundprobe SSR Viewer8, Interrogation of MINEX

Professional Experience

Senior Geologist	2019 – Current	Xenith Consulting Pty Ltd
Gemmologist – Gem Cutter & Owner	2016 – Current	Del Toro Gemstones & Minerals
Senior Geologist	2017	Measured Group
Geotechnical Officer/Mine Geologist	2015	Anglo American - Drayton Coal Mine
Senior Project Geologist	2013 – 2014	McElroy Bryan Geological Services (MBGS)
Senior Geologist/Field Operations Manager	2011 - 2012	Rio Tinto Mozambique Limited
Senior Geologist	2008 – 2010	Riversdale Mozambique Limited
Senior Project Geologist	2005 – 2007	McElroy Bryan Geological Services (MBGS)
Project Geologist	2003 – 2005	