

SAMANTHA SAMARUA

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Alyangula, NT 0885

SUMMARY

Geologist with over 5 years of professional experience and desire to take on new challenges. Strong work ethic & safety awareness, adaptability, and exceptional interpersonal skills. Adept at working effectively unsupervised and quickly mastering new skills. Dedicated to continuous geological & leadership development. Always eager to gain a wide variety of professional experience as well as mentor upcoming professionals in the resource sector.

SKILL HIGHLIGHT

Interpersonal and Communication Skills

Effective communicator and active listener developed through personal and professional relationships. Demonstrate the ability to relate and connect effectively with relevant stakeholders and colleagues to ensure work processes flow successfully to achieve the best outcome for the business.

Leadership

Leads by example through inclusivity, empathy, and respect. Proven performance history in driving change and fostering continuous improvement. Proficient in time-management, detailed orientated and resilient under pressure. Able to strategise and prioritise effectively to accomplish multiple tasks and projects in a timely manner. Skilled in providing support to all team members to align projects and organisational goals.

Teamwork

Highly contributive and dedicated team member that thrives in a team environment. Possess the ability to be a positive, constructive, and dependable team member.

Software & Technical (Geological) Skills

Possess practical experience in collection of field data and lithological core logging. Exposure to reverse circulation (RC), diamond and sand probe drilling. Competent in Vulcan (stratigraphic block model & surface generation), Micromine Geobank, iAuditor and Microsoft Office.

EXPERIENCE

PROJECT MINE GEOLOGIST (SECONDMENT) | 08/2022 to Current **South32 GEMCO – Groote Eylandt, NT**

- Actively participate in identification and implementation of projects that demonstrates working in an environment of continuous improvement.
- Develop, produce, and maintain geological models targeting mid and short-term planning and annual budget forecasts
- Data validation, re-correlation, and management of site drilling database.
- Provide training and mentorship for Mine Geologists, Graduates, and Vacation Students, ensuring their knowledge base increases
- Update standard operating procedures
- Assume Senior Mine Geologist responsibilities in their absence.

Achievements:

- Managing the production accounting of the GCC haulage fleet.

MINE GEOLOGIST | 01/2019 to 08/2022**South32 GEMCO - Groote Eylandt, NT**

- Daily pit to port production accounting and reporting
- Develop and manage ore blending to optimise plant performance and meet budgeted product volumes and qualities
- Stockpile management (before and after processing)
- Monitor, develop and distribute blend and ship load plans to ensure final products align with customer requirements
- Monitor QA/QC processes from pit to port
- Ensure effective ore loss and dilution controls are applied and measured
- Develop period-based reports (Weekly – Monthly blend plan and quality control report. F1 F2a EOM reconciliation reports)
- Leverage Maptek Vulcan Software to conduct short term geological model updates.
- Database management
- Train new starters (Mine & Senior Geologists)
- Work collaboratively with operational and technical teams to deliver optimal results across the mine value chain

Achievements:

- Identified additional Mn ore (30,720t) at 48% yield, initially excluded from reserves. Presented value when sampled and returning an average lab grade of 39.76%. This material was extracted and utilised as mobile crusher feed to supplement concentrator throughput as and when required. This represented a value of \$2 million for the business.
- Lead process improvements by implementing geological Vulcan running layers to mitigate ore loss and dilution and improve data integrity, reporting and short-term grade control model accuracy.

EXPLORATION RIG GEOLOGIST | 09/2016 to 12/2018**South32 GEMCO – Alyangula, NT**

- Daily rig inspections and supervision of drill rig activities (RC, Diamond, and Probe drilling)
- Conduct chip and core sampling
- Lithological logging on Geobank
- Surveying drilled holes
- Monitoring QA/QC of sampling
- Train new geologist and field assistants
- Site Preparation and Ground Truthing (Flagging GC and Resource Definition drill holes and tracks)

Achievements:

- Worked in collaboration with Exploration Operations team (Field Based) and Principal Resource Geologist (Perth Based) to develop and implement a practical logging, sampling, and dispatching procedure for the Geo Metallurgical, Sands and Diamond drilling program

JUNIOR FIELD GEOLOGIST | 04/2018 to 06/2018**BHP, BMA - Peak Downs & Saraji - QLD**

- Daily rig inspections and supervision of drill rig activities
- Performed daily field data collection - lithological logging to base of weathering
- Lox sampling and prep for analysis as required
- Mark up and packing drill core on site
- Coordinated dispatching of core samples to Brisbane Lab
- Provide support to exploration supervisor in day-to-day operational tasks as required

Achievements:

- Collaborated with BHP Geoscience team (Brisbane based) & Exploration Operations team (Field Based – Peak Downs and Saraji) to implement Cool Runnings Project (Coal Quality- core sampling and dispatching process)

MOBILE WORKSHOP ADMINISTRATOR | 01/2018 to 03/2018

South32 Gemco - Alyangula, NT

- Process on-boarding documents for new employees
- Raise Purchase Requisitions (PR) for asset repairs and PPE in SAP
- Arrange travel and accommodation for employees via SAMS and Carlson Wagon Travel (CWT)
- Daily Administration Duties – Update crew rosters & monthly contractual hours, Site vehicle registrations and submitting contractor timesheets
- Provide support to Mobile Maintenance Supervisor and Superintendent in day-to-day operational tasks as required.

**EDUCATION AND
TRAINING**

The University of Queensland - Brisbane, Queensland

Bachelor of Science, Feb 2013 – July 2016

Extended, geological sciences

Peace Lutheran College - Cairns, Queensland

High School Certificate, Feb 2010 – Nov 2012

ACCOMPLISHMENTS

- Received July 2023 Employee Recognition Award - Performance Champion

REFERENCES

Referee 1:

Name: Rick Guerini

Position: Superintendent Mine Geology

Company: BHP

Tel: 0401 411 058

Referee 2:

Name: Trevor Page

Position: Geospatial Data Manager

Company: Geological Survey NT Government

Tel: 0401 740 006

LANGUAGES

Tok Pisin (Papua New Guinea):



Native/ Bilingual

**CERTIFICATES &
COMPETENCIES**

- Study Processes for Resource Projects, AUSIMM - 2022
- Project Management Foundation, Swinburne University - 2022
- Snowden Supervisor, Snowden – 2022
- Mine to Mill Grade Control & Mine Reconciliation – 2021
- AUSIMM Member
- Open C Class Driver's License