



Business Profile 2019



A Little About Us

The Sci-Ba Group is a leader in providing scientific services with a strong presence in Africa. Since inception in 2012, the Sci-Ba Group has grown in strength and possesses a diverse portfolio of laboratory testing and consultation services for the mining, manufacturing, environmental, waste and recycling, automotive, laboratory and water industries through its subsidiaries.

Analytical Services

Sci-Ba Lab is a multi-disciplinary group providing a comprehensive set of testing services through several laboratories specifically designed to provide industry with a full scope of specialised testing services.

Sci-Ba Agriculture provides testing services for the farming industry including tests for soil, fertiliser, pesticides and fungicides, fruit and leaves.

Sci-Ba Base Metals offers extensive testing services to the exploration and mining industry interested in base metals. Our scope of testing services covers all base metal ores from Bauxite through Zircon and includes chemical assays and automated mineralogy services.

Sci-Ba Energy is a dynamic facility providing a range of analytical services for all sectors of the energy industry including coal, petroleum and petroleum derivatives, alternate fuels, biofuels, carbon black, oil and gas.

Sci-Ba Environmental offers a wide range of environmental related testing services for dust fallout (SANS 1929:2011), acid rock and mine drainage (ARD and AMD), contamination services (metals and hydrocarbons), waste classification and the generation of safety data sheets (SDS) (SANS 10234:2007).

Sci-Ba Geochemistry offers chemical testing services for all geological materials including exploration, major and trace element analysis, petrographic analyses, rock identification services, REE, core logging and litho-geochemistry.

Sci-Ba Industrial Minerals provides extensive chemical, mineral and physical testing services for all industrial minerals, including limestone, quicklime and hydrated lime, bentonite and other clays, silica sand etc.

Sci-Ba Metallurgy is a laboratory specialising in mineral beneficiation including froth flotation, pyrometallurgy and electrochemistry.

Sci-Ba Mineralogy is a specialised facility equipped with automated SEM based mineralogical techniques, microscopy and microanalytical (EDS) testing including petrographic analysis for a wide range of matrices ranging from asbestos, aggregates to concrete.

Sci-Ba R&D is a unique facility that operates purely for research and method development applications in all fields and for all industries. This facility is designed to allow our specialists and scientists to develop new unique and innovative methods of analysis.

Sci-Ba Water caters for the water industry providing testing services for drinking water (SANS 241:2015), bottled water (SANS 1657:2014), agricultural water (DWA Water Quality Guidelines), effluent, acid and other mine drainage waters.

Consultation Services

Sci-Ba Consulting is a dynamic consultation group providing scientific consultation services to the mining, manufacturing and analytical laboratory facilities.

Our **Environmental** Department routinely performs contamination investigations, water and dust monitoring programs, Integrated Water and Waste licences, development of EMP and performing EMP assessments and environmental screening studies.

The **Geology** Department employs both geologists, geochemists and mineralogists to perform desktop exploration scoping and targeting studies, design and execute exploration programs together with mapping and licensing (prospecting and exploration) services.

The **Mineralogy** Department provides specialised services in the fields of process mineralogy, specialised mineral studies and metallurgical services.

The **Laboratory Services** Department is designed to provide geochemical and mineralogical laboratory services which include building custom-designed laboratory solutions, management of remote facilities, ISO17025 services such as system development, auditing, calibration and validation services (XRF, ICP, AA and wet chemical techniques).

Who are our Directors?



Chazanne Long **Geologist and Managing Director**

Chazanne Long is Co-founder of Sci-Ba and Managing Director of Sci-Ba Consulting where she manages the Environmental Management, Geology and Mineral Resources departments.

She is a senior geologist with over ten years' consulting experience, and holds an MSc in Geology from Nelson Mandela University. She is a fellow of the Geological Society of South Africa. Her experience includes Environmental Management, Contamination Investigations and Monitoring Programs, Mine Drainage, Engineering Geology including managing Tailings Dam Facilities, Prospecting, Mineralogy and Geochemistry.



David Long **Geochemist and Managing Director**

David Long is the Co-founder and Managing Director of Sci-Ba where he manages the business functions and development of the Group.

He is a geochemist, with a MSc in Geochemistry from the University of Cape Town. David has over ten years' analytical experience with laboratory design and management of both geochemical and mineralogical laboratories where he specialises in the calibration and validation of analytical techniques and has served as a SANAS ISO17025 specialist auditor. He is a fellow of the Geological Society of South Africa and professionally registered earth scientist with SACNASP.



Our Vision is to be a global leader in laboratory services and to advance scientific knowledge

Our Mission is to provide our Customers with high quality results in the shortest time possible





Our Core Values

Quality

We deliver excellence through quality data and value-added services

Innovation

New ways of thinking to provide collaborative solutions to unique challenges

Ethics

Assurance of professionalism provides the integrity that our Customers can trust

Safety

We care about people and keeping them safe by acting responsibly

Diversity

We recognise that innovative solutions can be achieved through collective knowledge and respect for people

Sustainability

Accountability for a better future



Sci-Ba Management and Employees promise to meet our Customer's requirements through good professional practice and the production of high quality, meaningful data in the shortest possible time.

Testing is performed in accordance with national and international standard methods as well as scientifically robust or industry accepted methods. Regular proficiency testing is an integral part of our Quality culture.

On-going commitment to mentoring, education and training ensures competence of all Staff.

To achieve this, Sci-Ba maintains a Quality Management System compliant with IEC/ISO 17025 that embodies our Core Values.



Some Customers



I can always count on the fact that our samples are getting priority whenever I asked for it.

Sheelah Links
Quality Controller
Cape Lime



The response to my request for assistance was good and made the whole process of involvement trouble-free.

Patrick Beales
Senior Geotechnical Engineer
Kantey & Templer





Contact Us

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