



FRIEDA RIVER

Frieda River Limited

Sepik Development Project

Environmental Impact Statement

Chapter 15 – Study Team

SDP-6-G-00-01-T-084-016



15. STUDY TEAM

The production of the Sepik Development Project Environmental Impact Statement (this EIS) has been a collaborative effort by multiple individuals and organisations. Key team members from the Frieda River Joint Venture, lead environmental consultant, environmental and social impact assessment specialists and field support team are acknowledged in this chapter.

15.1 Frieda River Joint Venture

The Frieda River Joint Venture team is listed in Table 15.1.

Table 15.1 Frieda River Joint Venture team

Team Member	Project Role
Peter Trout	Executive General Manager, Technical Support and Studies (PanAust)
Scott Cowie	General Manager, Technical Services (PanAust)
Glen Connell	General Manager, External Affairs (PanAust)
Geoff Kernick	General Manager, Commercial (PanAust)
Michael Hawkins	Principal Environmental Advisor (PanAust)
Geoffrey Callister	Community Affairs Manager (PanAust)
Edward Chong	Principal Tailings Engineer (PanAust)
Jonatan Matijevic	Study Manager – Frieda River Project (PanAust)
Wim du Toit	Senior Project Engineer – Frieda River Project (PanAust)
Bernie Wardle	Group Risk Manager (PanAust)
Karl Curnow	Senior Risk Advisor – Projects (PanAust)
Paul Scarr	General Counsel (PanAust)
Craig Rumints	Community Affairs Superintendent – Stakeholder Engagement (FRL)
Peter Nawara	Community Affairs Superintendent – Lands and Compensation (FRL)
Joel Hamago	Community Affairs Coordinator (FRL)
Allan Ryan	Technical Editor (consultant)
Tim Omundsen	Consultant to the Mining Industry (consultant)
Dan Kahle	Technical Reviewer (Wood)
Belinda Strachotta	Technical Reviewer (Wood)

15.2 Environmental and Social Impact Assessment Lead

Coffey was commissioned by FRL as lead environmental consultant to deliver this EIS. The Coffey project management and technical team are presented in Table 15.2.

Table 15.2 Coffey environmental and social impact assessment team

Team Member	Position	Project Role
Stuart Jones	Senior Principal	Technical advisor
Daniel Moriarty	Principal	Project director
Kristen Hall	Principal	Project manager
Dr Marissa Haywood	Senior Associate	Study manager, EIS author
Dr Michael Sale	Senior Associate	Study manager, EIS author

Table 15.2 Coffey environmental and social impact assessment team (cont'd)

Team Member	Position	Project Role
Tasha Latham	Senior Associate	Study manager, EIS author
Patrick Vidler	Senior Associate	EIS author
John Sweeney	Associate	Study manager, EIS author
Heath Synnott	Associate	Study manager, EIS author
Anna Yates	Associate	Study manager, EIS author
Travis Wood	Associate	Study manager, EIS author
Nicola Fooks	Associate	EIS author
Mark Pendlebury	Senior Consultant	EIS author
Nelson Sukwianomb	Senior Consultant	EIS author
Isabelle Kielbaska	Consultant	Study manager, EIS author
Chapal Choudhury	Principal	Geospatial data management
Grant Young	Senior Associate	Geospatial data management and figure preparation
Jason Oram	Geospatial Consultant	Geospatial data management and figure preparation
Greg Hanton	Geospatial Consultant	Figure preparation
Jessica Southgate	Geospatial Consultant	Figure preparation
Richard Heath	Senior Graphic Designer	Figure preparation and graphic design
Rebecca Howatt	Senior Project Management Assistant	Project administration

In addition to those listed in Table 15.2, Coffey acknowledges the significant contribution to the EIS by previous employees of the company, in particular Michael Jones, Heath Doodie and Christopher Mahoney.

15.3 Technical specialists

A number of technical specialists prepared technical studies that are included as appendices to this EIS. Details of these specialists are provided in Table 15.3.

Table 15.3 Technical specialists

Topic	Organisation	Specialists
Mine material geochemistry	Environmental Geochemistry International Pty Ltd	Dr John Jeffery Stuart Miller
FRHEP Selection Phase Study	SRK Consulting (Australasia) Pty Ltd	Pepe Moreno Dave Luppnow Claude Prinsloo Peter Robinson Greg Brown Victor Munoz Heather Thompson Ian de Bruyn Robert Bowden Alejo Sfriso Ognjen Kotur

Table 15.3 Technical specialists (cont'd)

Topic	Organisation	Specialists
FRHEP Selection Phase Study (cont'd)	SRK Consulting (Australasia) Pty Ltd	Andrew Lim Carl Murray Nik Devlin Pat Hyland Daryl Hockley Prof Emeritus Kaare Hoeg Eric Lesleighter
PanAust Tailings Independent Review Panel	Various	Mike Gowan Dr Andy Robertson Dr Ian Hutchison Dr Jean-Pierre Tournier Stephane Meunier Richard Humphries Phillip Osbourne
Limnology and Lake Dynamics Assessment (FRHEP)	HydroNumerics	Dr. Peter Yeates Patricia Okely
Closure	Coffey	Dr Michael Sale Kristen Hall Daniel Moriarty
Regional groundwater	Australasian Groundwater and Environmental Consultants Pty Ltd	Daniel Barclay Andrew Durick Neil Manewell Travis Draper
Sediment transport	Golder Associates Pty Ltd	Greg Hookey Steven Boxall
Site-wide water balance	SRK Consulting (Australasia) Pty Ltd	Brian Luinstra John Chapman
Site-wide load balance	SRK Consulting (Australasia) Pty Ltd	John Chapman Claire Linklater
Aquatic biology and surface water quality baseline	BMT WBM Pty Ltd	Lyn Leger Dr Darren Richardson Brad Grant Brad Hiles
	Hydrobiology Pty Ltd	Dr Andy Markham Dr Ross Smith Ben Pearson Dustin Hobbs
Water quality technical advisor	DR Jones Environmental Excellence	Dr David Jones
Freshwater ecology technical advisor	EnviroGulf Consulting	David Balloch
Bioaccumulation	Tetra Tech	Jerry Diamond Marcus Bowersox

Table 15.3 Technical specialists (cont'd)

Topic	Organisation	Specialists
Terrestrial biodiversity field studies • Lead • Peer reviewer	Francis Crome Pty. Ltd and Associates	Francis Crome
• Flora	Independent consultant	Dr Wayne Takeuchi
• Mammals	Ken Aplin Fauna Studies Pty Ltd Specialised Zoological Pty Ltd Independent consultant	Dr Ken Aplin Dr Kyle Armstrong Enock Kale
• Birds	Iain Woxvold Consulting Pty Ltd	Dr Iain Woxvold
• Herpetofauna • Odonates	Independent consultant	Stephen Richards
• Butterflies	Independent consultant	Dr Chris Müller
Terrestrial biodiversity impact assessment	Francis Crome Pty Ltd	Francis Crome
Noise and vibration	SLR Consulting Australia Pty Ltd	Steven Walker Mark Caslin
Air quality and greenhouse gas	SLR Consulting Australia Pty Ltd	Kirstin Lawrence Fardaus Rahaman
Nearshore marine	BMT WBM Pty Ltd	Brad Grant Dr Conor Jones
Nearshore marine technical advisor	Picton Group Pty Ltd	Dr David Gwyther
Nearshore marine mixing zone modelling	Tetra Tech	Aurelien Hospital Alex Huang
Land Change Assessment	University of Nottingham Malaysia Campus	Dr Alex Lechner Dr John Hunter Khanh Ngo Duc
	Environment PNG Ltd	Professor Simon Saulei
Social impact assessment	Coffey	Patrick Vidler Greg Heath Tasha Latham Anna Yates
Archaeology and cultural heritage	Andrew Long Associates (ALA)	Dr Michael Green
	Social Research Institute	Dr John Muke John Sepe Yawan Alo
	Monash University	Dr Tim Denham Dr Garrick Hitchcock
Community health and nutrition	Centre for Environmental Health Pty Ltd	Dr Keith Bentley
Health impact assessment	Dempsey Toxicology and Risk Assessment	John (Jack) Dempsey