

# **Panguna Mine Legacy Impact Assessment**

**Phase 1 Assessment Report**  
**Chapter 15 – Study Team**

Panguna Legacy Assessment Company Limited



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## 15. STUDY TEAM

Phase 1 of the Panguna Mine Legacy Impact Assessment has been a collaborative effort by a large multi-disciplinary team, with extensive involvement by Bougainvilleans and Papua New Guineans. Key members from the assessment team, technical assessment specialists, and independent peer review team are acknowledged in this chapter. In addition, in-country suppliers engaged throughout Phase 1 are acknowledged.

### 15.1 TETRA TECH COFFEY LEADERSHIP TEAM

Table 15.1 lists the Tetra Tech Coffey Phase 1 leadership team.

**Table 15.1 Phase 1 Legacy Impact Assessment leadership team**

Project role	Team member
Project Director	Daniel Moriarty
Project Manager	Kristen Hall
Bougainville Lead	<b>Junior Novera</b>
Environmental Study Coordinator, Logistics Lead	Elouise Collins
Social, Human Health and Human Rights Study Coordinator	Tara Halliday
Project Controls Lead	Belinda Olding
Stakeholder Engagement Coordinator	<b>Merilyn Gairo</b>
Arawa Office Manager and Engagement Lead	<b>Thecla Solas</b>

**Bold** indicates Bougainville or PNG personnel

### 15.2 TETRA TECH COFFEY SUPPORT TEAM

Table 15.2 lists the Tetra Tech Coffey support team for Phase 1 of the Legacy Impact Assessment.

**Table 15.2 Phase 1 Legacy impact assessment key team**

Project role	Team member
Environmental impact assessment author	Kristen Hall
	Elouise Collins
	Marissa Haywood
	<b>Nelson Sukwianomb</b>
	Ivan Steward
	Alexia Scheuermann
	Vida Maulina
	Janelle Rescar
	Alyssa Prichard
Andrew Stevenson	

Project role	Team member
Environmental and social investigation field support	<b>Maunoa Karo</b>
	Elizah Sopu
	<b>Eileen Mosusu</b>
	<b>Nick Sumali</b>
	<b>Lythiah Mizigi</b>
	<b>Gayle Tatsi</b>
Social, human health and human rights assessment author	Tara Halliday
	Nat Gardner
	Rose Campbell
	Louise Beaton
	Melinda Hofman
	Vanvilay Phommalath
	<b>Merilyn Gairo</b>
	<b>Thecla Solas</b>
	<b>Lythiah Mizigi</b>
Bougainvillean enumerators for the social, human health and human right field investigation	<b>Thecla Solas</b>
	<b>Georgina Tarala</b>
	<b>Aloysius Gaveua</b>
	<b>Stanislaus Sahoto</b>
	<b>Andrew Kuiai</b>
	<b>Robinson Mirino</b>
	<b>Allyce Albert</b>
	<b>Shane Baria</b>
Geospatial data management, figure preparation and graphic design	Chapal Choudhury
	Grant Young
	Jason Oram
	George Young
	Amitay Moody
	Vasso Kosti
	Richard Chaplin
	Alex Pavis
	Matthew Goljanin
	Richard Heath
Travel and logistics support	<b>Yana Monding</b>
	<b>Kolish Danny</b>
	<b>Evelyn Wesley (Expac PNG)</b>

**Bold** indicates Bougainville or PNG personnel

In addition to those listed in Table 15.2, Tetra Tech Coffey acknowledges the significant contribution to the technical planning and execution of Phase 1 by Nel Byatt.

## 15.3 TECHNICAL SPECIALISTS

Table 15.3 identifies the environmental technical specialists for Phase 1 of the Legacy Impact Assessment. Table 15.4 identifies the social, human health and human rights technical specialists for Phase 1.

**Table 15.3 Environmental technical specialists**

Aspect	Specialists	Organisation
Geotechnical stability analysis	Meg Sharp Ray Yost Paul Kilkenny Brad Clark Daniel Alphonso Gordon Fung	Tetra Tech
Structural stability analysis	Zvon Ponos Louis Oram	Tetra Tech Coffey
Hydrology and fluvial geomorphology	Dr Mike Harvey Dr Dai Thomas Kyle Shour Breana Chavez Jacob Lobato Smriti Chaulagain	Tetra Tech
Hydrogeology	John Sweeney Guy Roemer Adam Rogan	Tetra Tech Coffey
Contaminated sites	John Sweeney Adam Rogan David Lam	Tetra Tech Coffey
Water quality and geochemistry	Dr Jeff Taylor Dr John Waters Ashton Soltys Sophie Pape Angus Fitzpayne	Earth Systems
Aquatic ecology and ecological risk assessment	Dr Andrew Storey	SLR Consulting
Terrestrial ecology and ecological risk assessment	Francis Crome	Francis Crome Pty Ltd
	Stephen Richards	Independent consultant
LIDAR	Michael DeLacy Stuart Flowers Jason Armitage (POM)	AAM
	<b>James Mathias</b> <b>Job Moses</b>	PNG Land surveys

**Bold** indicates Bougainville or PNG personnel

**Table 15.4 Social, human health and human right studies technical specialists**

Aspect	Specialists	Organisation
Social and human rights characterisation	Tara Halliday Nat Gardner Rose Campbell Melinda Hofman Vanvilay Phommalath <b>Merilyn Gairo</b> <b>Thecla Solas</b> <b>Lythiah Mizigi</b>	Tetra Tech Coffey
Social, human rights and engagement strategic advice	Professor John Owen	Insitu Development Consulting Pty Ltd
	A/Professor Nick Bainton	University of Queensland
	Richard Jackson	Richard T Jackson Consultancy Services
Human rights strategic advice	<b>Anne Kajir</b>	Tetra Tech Coffey
	Chloe Poynton Rachel Widdis	Article One Advisors LLC
Human health risk assessment	Karen Teague	Tetra Tech Coffey
Human health risk assessment strategic advice	Jack Dempsey	Dempsey Toxicology and Risk Assessment Pty Ltd
	Theresa Lopez	Tetra Tech

**Bold** indicates Bougainville or PNG personnel

## 15.4 INDEPENDENT PEER REVIEW TEAM

Table 15.5 identifies the aspect, name, and role of the individuals which composed the Independent Peer Review team for Phase 1 of the Panguna Mine Legacy Impact Assessment.

**Table 15.5 Phase 1 Panguna Mine Legacy Impact Assessment Independent Peer Review team**

Aspect	Name	Project role
Water quality and geochemistry	Dr David Jones	Review and endorsement of evaluation and impact assessment relevant to environmental geochemistry and water quality.
Hydrology and sediment transport	Dr Bob Mussetter	Review and endorsement of environmental data evaluation and impact assessment relevant to hydrology and sediment transport.
Human health	Dr Keith Bentley	Review and endorsement of human health data evaluation and impact assessment.
Geotechnical	Ian Shipway	Review and endorsement of geotechnical hazard evaluation.
Social	Prof Glenn Banks	Review and endorsement of social data evaluation and impact assessment.
Human rights	Luciana Souto	Review and endorsement of human rights data evaluation and impact assessment.

## 15.5 SUPPLIERS

Tetra Tech Coffey acknowledges Phase 1 of the Legacy Impact Assessment could not have been completed without the support of in-country suppliers. Approximately 60 local suppliers contributed to the project, with 45 based in Bougainville and 15 from PNG. Services and supplies were provided for accommodation, vehicle hire, air freight, facilities management, catering, printing, stationary, hardware supply and fabrication, general merchandise and groceries.