

Ok Birim Tailings Storage Facility Project

Environmental and Social Impact Assessment

Chapter 16

Study team



16. STUDY TEAM

A multi-disciplinary team, including OK Tedi Mining Limited (OTML), Tetra Tech Coffey, and a number of specialist sub-consultants developed the Ok Birim Tailings Storage Facility Project Environmental and Social Impact Assessment, including associated biological, physical and socio-economic studies. Key members of the project team are provided in this section.

16.1 OK TEDI MINING LIMITED

Table 16.1 lists the OTML project team.

Table 16.1 OTML project team

Team Member	Project Role
Alan Bong	General Manager Strategy, Business Development and Optimisation - Project Sponsor
Brendan Gowdie	General Manager Projects - Engineering, Procurement, and Construction Management
Jesse Pile	General Manager Sustainability and Community Relations
Ben Burger	General Manager Operations
Iga Augerea	Study Manager
Joe Isarua	Site Senior Engineer
Erizo Kepe	Environment Manager
Jeffery Tom	Community Relations Manager
Michael Ridd	Aquatic Geochemist

16.2 LEAD ENVIRONMENTAL AND SOCIAL CONSULTANT

Tetra Tech Coffey is the lead environmental and social consultant for the Ok Birim TSF Project. Tetra Tech Coffey has operated in Papua New Guinea since 1977, establishing an office in Port Moresby in 2009 and an office in Arawa in 2022. Table 16.2 presents the Tetra Tech Coffey project management and technical team.

Table 16.2 Tetra Tech Coffey environmental and social impact assessment team

Team Member	Position	Project Role
Daniel Moriarty	Senior Principal Consultant	Project Director
Tara Garrood	Principal Consultant	Project Manager
Kristen Hall	Principal Consultant	Technical Advisor, Study Manager
Stephanie Loh	Senior Associate Consultant	Assistant Project Manager, ESIA author
Nelson Sukwianomb	Senior Associate Consultant	Stakeholder engagement, ESIA author
Nicole Sommerville	Principal Consultant	Social study lead, ESIA author
Anna Gallagher	Associate Consultant	ESIA report manager, ESIA author
Rose Campbell	Associate Consultant	ESIA author
Sarah Gregory	Senior Consultant	Study manager, Health, Safety, Security, and Environment manager
Melinda Hofman	Senior Consultant	ESIA author

Team Member	Position	Project Role
Merilyn Gairo	Senior Consultant	ESIA author
Lythiah Mizigi	Consultant	Stakeholder engagement, ESIA author
Lemban Kaki	Senior Consultant	ESIA author
Lagi Paul-Ihaka	Senior Consultant	ESIA author, Construction Environmental and Social Management Plan (CESMP) author
Dr Junior Novera	Senior Consultant	Terrestrial ecology specialist
Zoe Kermonde	Senior Consultant	ESIA author
Georgie Moyes	Consultant	ESIA author, CESMP author
Dr Rafaela Aragao	Consultant	ESIA author
Jonno McPike	Consultant	ESIA author
Munkh-Erdene Davaajav	Intern	ESIA author
Grant Young	Senior Principal Consultant	Geospatial data management and figure preparation
Jason Oram	Senior Geospatial Consultant	Geospatial data management and figure preparation
Richard Heath	Senior Associate Graphic Designer	Figure preparation and graphic design
Belinda Olding	Project Manager	Project controls

16.3 TECHNICAL SPECIALISTS

A range of technical specialists were engaged to prepare supporting studies for the ESIA and/or provide engineering services to OTML as part of a feasibility study for the project. These specialists were selected based on in-depth knowledge and prior experience of the Ok Tedi Mine site and/or PNG, and their relevant capabilities as technical specialists. Table 16.3 provides details of these technical specialists.

Table 16.3 Technical specialists

Topic	Organisation	Specialists
Feasibility Study project management	GR Engineering Services	Greg Rix
TSF engineering design	Klohn Crippen Berger	Michael O'Keefe (Project Manager) Thabang Mokoma
Tailings pipeline design	Fortin Pipelines	JP Fortin Cameron Hannan Warren King
Geochemistry	Environmental Geochemistry International	Warwick Stewart Russell Schumann
Hydrology, sediment and particulate geochemistry transport	Geoff Pickup	Dr Geoff Pickup
Surface water quality	Environmental Geochemistry International	Dr Warwick Stewart Dr Russell Schumann Dr John Jeffery
Groundwater characterisation and seepage modelling	Klohn Crippen Berger	Jaco Nel
Geotechnical characterisation	Klohn Crippen Berger	Nazanin Yarahmadi

Topic	Organisation	Specialists
Soils characterisation (TSF)	Klohn Crippen Berger	Jeffrey Batolbatol
Aquatic ecology and biodiversity	SLR Consulting	Dr Andrew Storey Alex Hickling Neal Neervoort
Terrestrial ecology and biodiversity	SJ Richards and New Guinea Binatang Research Centre Inc, Ecomate Management Limited (existing environment characterisation) Francis Crome Pty Ltd (impact assessment)	Francis Crome Dr Stephen Richards Katayo Sagata Kenneth Molem Bonny Koane Gendio Drumo Daniel Okena Clifford Yae Fidelis Kimbeng Penniel Lamei Enock Kaledimimo
Air quality, greenhouse gases, climate change risks	Tetra Tech	Rodrigo Gonzalez-Abraham Sara Woolsey Nathan Cottrell Sujoy Roy Yuchuan Lai
Noise	Sonus	Chris Turnbull Simon Moore Byron Holmes
Socio-economic	Tetra Tech Coffey	Nicole Sommerville Tara Halliday Nelson Sukwianomb Rose Campbell Melinda Hofman Amos Ona Allyce Albert
Ecosystem services		
Human rights		
Archaeology and cultural heritage	Indigenous Heritage & Management (IHM) Consulting Limited	Junior Muke John Sepe Robert Mambis Chloe Apo Benardine Mirio
Closure	Tetra Tech Coffey KCB	Jonathan Sanders Tara Garrood Dr Rafaela Aragao