

EIS Study Team **23**



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23 EIS STUDY TEAM

This EIS has been prepared by Hansen Bailey in association with a series of technical specialists. Table 23-1 lists the EIS components and study team members involved in researching, writing and reviewing each section.

Table 23-2 provides the qualifications and experience of the team members.

Table 23-1 EIS Study Team

SECTION	EIS COMPONENT	TEAM MEMBER	COMPANY
EIS Management			
	EIS Project Director	Peter Hansen	Hansen Bailey
	EIS Project Manager	Laura Knowles	Hansen Bailey
	Stakeholder Consultation	Bronwyn Pressland	Hansen Bailey
	Drafting and Review of EIS Volume 1	Refer Table 23-2	Hansen Bailey
EIS Specialist Reports			
A	Geochemistry Report	Alan Robertson	RGS Environmental
B	Soils Report	Graham Tuck	GT Environmental Services
C	Terrestrial Ecology Report	David Robertson	Cumberland Ecology
D	Aquatic Ecology Report	David Robertson	Cumberland Ecology
E	Biodiversity Offset Strategy	Laura Knowles / David Robertson	Hansen Bailey / Cumberland Ecology
F	Groundwater Report	James Tomlin	Australasian Groundwater and Environmental Consultants
G	Surface Water Drainage Report	Greg Roads	WRM Water & Environment
H	Baseline Surface Water Monitoring Report	Ross Edwards	Hansen Bailey
I	Air Quality Report	Simon Welchman	Katestone Environmental
J	Noise Report	Mark Bridges	Bridges Acoustics
K	Socio-economics Report	Bronwyn Pressland	Hansen Bailey
L	Archaeology Report	Stephen Sutton	SHIM Consulting Services

Table 23-2 EIS Study Team Qualifications and Experience

TEAM MEMBER AND COMPANY	TITLE	QUALIFICATIONS	YEARS OF EXPERIENCE
Hansen Bailey			
Peter Hansen	Director	BE(Hons)	25
Laura Knowles	Principal Environmental Scientist	BSc(Hons), HDipEd, MPhil(EnvSc)	16
Bronwyn Pressland	Principal Social Planner and Communication Consultant	BBE, MSc	19
Ross Edwards	Senior Environmental Scientist	BSc(Hons), MSc	12
Kate Everding	Environmental Scientist	BAppSc(Biology), GradDip EnvQual	17
Chloe Annandale	Environmental Scientist	BSc	3
Bethany Carey	Social Scientist	BSocSc/BA	3
RGS Environmental			
Alan Robertson	Principal Geochemist / Director	HND, PhD	22
GT Environmental Services			
Graham Tuck	Director	BSc	45
Greg Tuck	Environmental Consultant	BAutoDesign	9
Reece McCann	Environmental Consultant	BEnvSc	13
Cumberland Ecology			
David Robertson	Director	BSc(Hons), PhD(Ecology)	30
Tim Playford	Senior Ecologist	BSc(Hons)	8
Jon Schatz	Technical Officer (CSIRO, NT)	BBioEarthSc	18
Cecilia Phu	Senior Project Manager / Ecologist	BSc(Hons)	7
Gitanjali Katrak	Senior Project Manager / Ecologist	BSc(Hons), PhD(Intertidal Wetland Ecology)	4
Katrina Wolf	Senior Project Manager / Ecologist	BSc	9
Aleksei Atkin	Project Manager / Ecologist	BNatSc	5
Alex Pursche	Project Manager / Ecologist	BSc(Hons), PhD	5
Michelle Frolich	GIS Specialist	BSc(Marine Sc)(Hons)	8
Cecilia Eriksson	GIS Technician / Ecologist	BSc(Marine Biol)(Hons), MSc(Marine Sc& Mgmt)	9
Australasian Groundwater and Environmental Consultants			
James Tomlin	Director	BSc(Env), MSc(Hydrogeology)	14
Duncan Irvine	Project Director	BSc	28

TEAM MEMBER AND COMPANY	TITLE	QUALIFICATIONS	YEARS OF EXPERIENCE
Henry McCarthy	Project Manager	BSc, MSc(Hons)	6
Neil Manewell	Groundwater Modeller	BSc, MSc(Hons)	7
WRM Water and Environment			
Greg Roads	Director / Principal Engineer	BEng(Civil)(Hons)	26
Andrew Thompson	Project Engineer	BSc, MEng	12
Julian Orth	Project Engineer	BEng(Civil)(Hons), MEng	10
Ardianto Notodirdjo	Project Engineer	BEng(Civil)(Hons)	3
Katestone Environmental			
Simon Welchman	Director	BEng(Env)(Hons)	20
Natalie Shaw	Principal Consultant	BASc, MAppSc	15
Lisa Smith	Senior Consultant	BEng(Chem)(Hons), MSc	13
Tania Haigh	Consultant	BSc(Physics), MPhil(Physics)	4
Bridges Acoustics			
Mark Bridges	Principal	BE Mech (Hons)	18
SHIM Consulting Services			
Stephen Sutton	Director	BA(Hons)	15
Gerard Niemoeller	Assistant Archaeologist	BA(Hons)	10
EcOz Environmental Services (conducted surface and groundwater monitoring)			
Mike Welch	Senior Environmental Scientist	BSc(Hons)	16
Emma Smith	Senior Environmental Scientist	BSc(Hons), GradDipNRM	10
Casey Hawkey	Environmental Scientist	BSc(Hons)	5
Helen Dwyer	Environmental Scientist	BEnvMgt	

Personnel representing the proponent (i.e., staff from South32 [previously BHP Billiton Manganese Australia] and GEMCO) were involved in providing project information, including mine plans, production rates, mine scheduling, proposed infrastructure and a description of the integration between the project and the existing mine. The proponent's environmental personnel provided information on environmental management practices and mine rehabilitation at the existing mine. All sections of the EIS were reviewed and approved by various personnel representing the proponent. Personnel involved in this process are listed in Table 23-3.

Table 23-3 Proponent Contributions to EIS Production

PROPONENT REPRESENTATIVE	TITLE	QUALIFICATION	YEARS OF EXPERIENCE	CONTRIBUTION
Mike Chapman	Study Manager Eastern Leases	BNatRes	22	<ul style="list-style-type: none"> ■ Study and Project Manager ■ Review of all EIS sections and appendices

PROPONENT REPRESENTATIVE	TITLE	QUALIFICATION	YEARS OF EXPERIENCE	CONTRIBUTION
Ian Rollins	Environmental Advisor	BSc(EnvSc)	8	<ul style="list-style-type: none"> Review of select EIS sections and appendices
Jeremy Barnett	Environmental Advisor	BSc	9	<ul style="list-style-type: none"> Review of select EIS sections and appendices
Jacques Cramatte	Site Supervisor	-	15	<ul style="list-style-type: none"> Logistical arrangements and assistance with fieldwork programs
Mark Bryant	Mine Planning	BEng(Mining)	20	<ul style="list-style-type: none"> Responsible for the mine plan/design
Leah Fuller	Specialist Land Management	DipBus	2	<ul style="list-style-type: none"> Assistance with tenure management
John Hansen	External Affairs Superintendent	DipPolice	7	<ul style="list-style-type: none"> Assistance with stakeholder consultation ALC land access negotiations Review of select EIS sections and appendices
Conor te Kloot	Senior Engineer Mid Term Planning	BEng(Mining) (Hons), BCom, BBusMan	7	<ul style="list-style-type: none"> Review of select EIS sections and appendices
Heath Carney	Specialist Environment Improvement	BEnvSc, BEd	8	<ul style="list-style-type: none"> Assistance with government engagement Review of select EIS sections and appendices
David Hope	Manager Geological Services	BSc, GradCert Geostatistics	21	<ul style="list-style-type: none"> Assistance with groundwater / geochemistry drilling program Review of select EIS sections and appendices
Josh Harvey	Superintendent Geological Services	BSc(Hons)	12	<ul style="list-style-type: none"> Assistance with groundwater / geochemistry drilling program Review of select EIS sections and appendices
Ryan Hollis	Head of Health, Safety, Environment and Communities (HSEC)	BEng (Metallurgical) (Hons)	22	<ul style="list-style-type: none"> Review of select EIS sections and appendices
Rob Massard	Valuation and Investments	BEng(Chem) (Hons), MAppFin	15	<ul style="list-style-type: none"> Provision of project data used for the socio-economic / financial analysis

The proponent would like to gratefully acknowledge the assistance of the Traditional Owners of Groote Eylandt and the Anindilyakwa Land Council Land and Sea Rangers (ALC Rangers) who took part in the archaeology and ecology field surveys for the EIS.

The Traditional Owners who took part were:

- Leonard Amagula
- Innes Wurrumurra
- Ronald Wurrawilya
- Rodson Amagula
- Alviston Wurrawilya
- Torrence Wurrawilya

The ALC Rangers who took part were:

- Melville Amagula
- Marcelle Kenny
- Troy Schulze
- Chiquita Bara Bara
- Keith Lambert
- Jocelyn Yantaarnga
- Kirra Blitner
- Josiah Marawili
- Shelley Fitzsimmons
- Jayd Salzgeber

The participants provided invaluable knowledge regarding the archaeology, flora and fauna of Groote Eylandt, and were able to offer significant insight into the local traditions and Indigenous artwork.