

Appendix T

EIS Contributors

EIS SECTION	STUDY COMPONENT (EIS CHAPTER OR TECHNICAL REPORT)	TEAM MEMBER NAME AND COMPANY	QUALIFICATIONS AND EXPERIENCE
PART A – Project Context			
1 Introduction	Chapter content	Alicia Sherwood, Pacific Aluminium Andrew Buick, Eco Logical Australia	Masters Community Relations – 15 years of experience. Bachelor of Science (Honours) - University of Adelaide 1985 Master of Environmental Law, Management and Business - Australian National University 2002 25 years of experience.
2 Detailed Project Description	Chapter content	Alicia Sherwood, Pacific Aluminium	As per above.
3 Project Alternatives	Chapter content	Jo-Anne Scarini, Rio Tinto	B. Bus (Accounting), MAppSc Social Ecology (Organizational Development) – 31 years of experience.
		Andrew Buick	As per above.
4 Existing Environment Overview	Chapter content	Maria Kraatz	Bachelor of Science (Honours) 1985, Geomorphology major, University of Queensland Graduate Certificate in Public Sector Management 1997, Flinders University of SA 25 years experience.
		Janice Warren	Doctor of Philosophy, 1987, Experimental Marine Ecology Major, University of Sydney Master of Science, 1982, Marine Biology and Ecology Major, Florida State University Bachelor of Arts (Honours), 1979, Marine Biology Major, University of California at Santa Barbara 22 years experience.

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PART B – Risk, Impact and Management			
5 Risk Assessment	Chapter content	Alicia Sherwood, Pacific Aluminium	Masters Community Relations – 15 years experience
		Andrew Buick	As per above
		Ben Smith	Bachelor of Science (Marine Science) (Hons: Zoology), University of Western Australia Provisional Environmental Auditor with RABQSA 7 years of experience
		Mark Vile	Bachelor of Environmental Science (Mine Site Rehabilitation) University of New England (2001) Honours in Environmental Science (Restoration Ecology) University of New England (2002) Graduate Diploma of Urban & Regional Planning (in Progress) University of Queensland (2008) Over 10 years of experience.
6 Landform and Soils	Technical Input to EIS Chapter	Alex Kochnieff	B. Eng (Env) Over eight years' experience completing Acid Sulfate Soil (ASS) assessments, soil resource assessment and management, contaminated land and groundwater assessment and remediation.
		Dr Greg Holz, Principal Soil Scientist, WorleyParsons	PhD (Soils) B.App.Sci. (Agric) Over 20 years' industry experience with expertise in the areas of soil classification, landscapes and climate, and the interaction of these fundamental

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			resources with land use, land management and environmental impacts.
		Dr Troy Cook, Principal Scientist, WorleyParsons	PhD (Hydrogeology/Hydrogeochemistry) MSc - Geology/Geochemistry BSc (Hons) Engineering Geology BEng - Materials/Geotechnical MIAH, MSEGH 15 years' experience in conducting hydrogeological, hydrogeochemical and geotechnical investigations in the USA, Canada, Western Australia, the Northern Territory and Queensland.
	Chapter content	Maria Kraatz	As per above
		Alana Burley	PhD in Plant Ecology, The University of Melbourne: – 2011 Bachelor of Science (Hons), Griffith University: – 2003
7 Hydrology and Water Quality	Technical Report - Water Resource Assessment (Appendix B)	Ken Hegerty, Principal Engineer, WorleyParsons	BEng, Grad Dip Env Eng, MIEAust, CPEng, RPEQ Over 40 years experience in surface water resources engineering
	Technical Report - Water Resource Assessment (Appendix B)	Troy Cook, Principal Scientist, WorleyParsons	As per above
	Chapter content	Mark Vile	As per above
8 Terrestrial Flora	Technical Report -Vegetation and Flora Study (Appendix C)	William Riddell, EcOz Environmental Services	Bachelor of Science (earth sciences), Master of Environmental Science (conservation and landscape management). William is an experienced ecologist with over five years' professional experience

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			in environmental science
	Chapter content	Alana Burley	As per above.
9 Fauna	Technical Report - Aquatic Fauna Report (Appendix E)	William Riddell, EcOz Environmental Services	As per above.
	Chapter content and Technical Report – Freshwater Sawfish (Appendix Q)	Nicki Thompson	BSc Zoology (Marine & Fisheries Biology) Hons (1999-2003) - University of Aberdeen 6 years experience
	Chapter content	Phillipa Tompson	Bachelor of Science in Natural Resource Management (Honours), University of Western Australia.
		Anja Zimmermann	'Diplom Biologe', Technical University of Darmstadt, Germany – equiv. to the Australian Master of Science. Majored in Ecology, Botany and Soil Science. Over 15 years experience
	Technical Report – Terrestrial fauna (Appendix D)	Sarah Smith	PhD, Evolutionary Biology, University of Adelaide & South Australian Museum, 2001 BSc, Honours, Biological Science, University of Sydney, 1996 17 years of experience in herpetology, and more than 20 peer reviewed publications
		Bruce Mullins	Master of Science, University of Technology, Sydney. Factors affecting the vegetation of mined and unmined areas in a montane forest. Bachelor of Science, University of Technology, Sydney 19 years of experience
10 Relevant MNES	Chapter content	Nicki Thompson	As mentioned previously

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		Phillipa Tompson	As mentioned previously
		Anja Zimmermann	As mentioned previously
		Ben Smith	As mentioned previously
		Warren McGrath	Bachelor of Environmental Science (Honours) Environmental Institute of Australia and New Zealand (EIANZ) Over 14 years of experience
11 Parks, Reserves and Areas of High Conservation Value	Chapter content	Janice Warren	As per above
12 Air Quality	Chapter content	Andrew Buick	As per above
	Technical Report – Air Quality Assessment (Appendix G)	Grant Hickson, Environmental Scientist, WorleyParsons	BSc (Hons) Physics and Computer Science. 5 years experience in Air Quality and Environmental Impact Assessment
		Andrew Campbell, Principal Consultant, WorleyParsons	BEng (Chem), GRadDipBus, PhD. 19 years experience in Process Engineering with expertise in Computational Fluid Dynamics (CFD) modelling
	Technical Report – KGGP Pipeline Greenhouse Gas Assessment (Appendix H)	Rob Hynes, Principal Consultant, WorleyParsons	B.Sc (Hons 1; UNSW) in Physical Chemistry MSc (USyd) - Theoretical Chemistry PhD (USyd) - Combustion chemistry Post Doc (Cambridge, UK) - upper atmospheric research and catalysis on ice surfaces 20 years' experience in environmental science including urban and industrial air quality and numerical modelling,

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			GHG and life cycle assessments for coal seam gas, offshore gas and clean coal projects.
		Emma McKenzie, Senior Environmental Engineer, WorleyParsons	BAppSc.(Biodiversity & Environmental Management), MEng (Hydrology & Water Resources). Over 8 years environmental experience encompassing natural resources management including modelling of carbon sequestration (forestry)
	Technical Report – Refinery Conversion Greenhouse Gas Assessment (Appendix I)	Rob Hynes, Principal Consultant, WorleyParsons	As per above
13 Aboriginal Culture and Heritage	Chapter content	Andrew Buick	As per above
	Technical Report - Archaeology and Historic Heritage (Appendix J)	Christine Crassweller – Begnaze Pty Ltd	B.Sc. Honours Anthropology 20 years experience
	Chapter review	Dr Justin Shiner (Archeologist), Rio Tinto	B.A. (Hons), PostGradDip, PhD (Auck) 13 years
14 Land Use, Infrastructure and Amenity Considerations	Chapter content	Andrew Buick	As per above
		Janice Warren	As per above
		Jo-Anne Scarini, Rio Tinto	As per above
		Alicia Sherwood, Pacific Aluminium	As per above
	Technical Report – Noise Assessment (Appendix L)	Andrew Boladz, Manager Air & Noise, WorleyParsons	BSc (Hons) Environmental Health – University of Wales Institute, Cardiff 1994 – 1998. Msc Computing – Cardiff University 2001 – 2002. PgDip Acoustics and Noise Control – UWE Bristol 2006 – 2008. Full member Australian Acoustical Society. Associate member Institute of Acoustics

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			(UK). 12 Years' experience in acoustic assessment.
15 Social and Economic Considerations	Chapter content	Andrew Buick	As per above
		Janice Warren	As per above
		Alicia Sherwood	As per above
		Jo-Anne Scarini, Rio Tinto	As per above
	Technical Report – Social Impact Assessment (Appendix M)	Guy Jakeman – ACIL Tasman	B Sc (Hons), 15 years experience
		Kirsten Snyman – WorleyParsons	Kirsten Snyman – BA Hons (Geography and Environmental Management) – 10 years social sciences experience
		Lisa Ritchie – WorleyParsons	Lisa Ritchie – M.Soc.Sc (International Development) – 15 years social sciences experience
		Paul Balfe – ACIL Tasman	B.Sc. (Hons) MBA 37 years experience
		Peter Johnson – ACIL Tasman	B Eng (Hons), B Ec (Hons), PhD (Econ) 15 years experience
		Alicia Sherwood, Pacific Aluminium	Masters Community Relations – 15 years experience
		Jo-Anne Scarini, Rio Tinto	B. Bus (Accounting), MAppSc Social Ecology (Organizational Development) – 31 years experience
16 Health and Safety	Chapter content	Jo-Anne Scarini, Rio Tinto	As per above
		Andrew Buick	As per above
	Technical Report – Preliminary AS2885 Risk Assessment	Hugh Howard, Principal Safety and Risk Engineer, Worleyparsons	BSc (Hons) Mechanical Engineering and Metals and Materials (Aston)

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			Fellow of IEAust (Engineers Australia) TUV Certified functional Safety Expert 30 years of experience in a variety of industries including Oil and Gas, Energy (power and nuclear) and Defense both as a practicing chartered engineer and as a consultant. Hugh is highly experienced in plant management, risk and safety management and specializes in safety workshop facilitation.
		Jaime Thompson, Senior Safety and Risk Engineer, Worley Parsons	BEng (Hons) (Mech) 7 years of experience, in the offshore/onshore oil and gas industry – specializing in consequence assessment and in Safety in Design Engineering.
17 Management Framework	Chapter content	Andrew Buick	As per above
EMP	Chapter content	Nicki Thompson	As per above
		Phillipa Tompson	As per above
		Maria Kraatz	As per above
		Anja Zimmermann	As per above
		Andrew Buick	As per above
		Janice Warren	As per above
		Ben Smith	As per above
		Alana Burley	As per above