

## **Appendix E Study Team**

The qualifications and experience of the study team and specialist consultants.

Section No.	Section Name	Study Component	Team Member Name and Company	Qualifications and experience
All	All	All	<ul style="list-style-type: none"> <li>▪ Alan Irving, RTCA</li> <li>▪ Robyn Mountford, RTCA</li> <li>▪ Colin Hughes, RTCA</li> </ul>	<ul style="list-style-type: none"> <li>▪ B.For.Sc., M.Ag.Sc; 22 years</li> <li>▪ B.Nat.Res (Hons), M.Res.Sc; 9 years</li> <li>▪ B.Eng (Mining); 30 years</li> </ul>
	Executive Summary	All	<ul style="list-style-type: none"> <li>▪ David Welsh, SKM</li> </ul>	<ul style="list-style-type: none"> <li>▪ M.SC, B.SC., Grad.Dip. O.R.; 25 years</li> </ul>
1.	Introduction	All	<ul style="list-style-type: none"> <li>▪ David Welsh, SKM</li> </ul>	<ul style="list-style-type: none"> <li>▪ M.SC, B.SC., Grad.Dip. O.R.; 25 years</li> </ul>
2.	Project Description	All	<ul style="list-style-type: none"> <li>▪ Alan Irving, RTCA</li> <li>▪ David Welsh, SKM</li> <li>▪ Peter Nimmo, SKM</li> </ul>	<ul style="list-style-type: none"> <li>▪ B.For.Sc., M.Ag.Sc; 22 years</li> <li>▪ M.SC, B.SC., Grad.Dip. O.R.; 25 years</li> <li>▪ B.ENG (Civil), Grad.Dip. Mgt, C.ENG; 23 years</li> </ul>
3.	Land Resources	<ul style="list-style-type: none"> <li>▪ Soils</li> <li>▪ Planning</li> <li>▪ Geochemistry</li> </ul>	<ul style="list-style-type: none"> <li>▪ Geoff Sharp, SKM</li> <li>▪ Sue Marszalek, SKM</li> <li>▪ Warwick Stewart [Environmental Geochemistry International Pty Ltd (EGi)]</li> <li>▪ Stuart Miller (EGi)</li> </ul>	<ul style="list-style-type: none"> <li>▪ B.Nat.Res., Grad.Dip.Civil Eng</li> <li>▪ Grad.Dip. U.R.P, B.B.E (U.R.P); 4 years</li> <li>▪ B.Sc. Geology (Hons), Grad.Dip.Env.Mgt; 15 years</li> <li>▪ B.Sc.Agric., M.App.Sc. M.Phil., Ph.D.; 33 years</li> </ul>
4.	Water Resources	<ul style="list-style-type: none"> <li>▪ Water Quality</li> <li>▪ Hydrology</li> <li>▪ Groundwater</li> </ul>	<ul style="list-style-type: none"> <li>▪ John Kennedy, SKM</li> <li>▪ Adrian Howard, SKM</li> <li>▪ Raj Aseervatham, Matrix+ Consulting Pty Ltd</li> </ul>	<ul style="list-style-type: none"> <li>▪ B.SC (Hons), M.SC (Envt.Mgt.), Grad.cert Env.Eng.; 13 years</li> <li>▪ B.ENG (Env)(Hons); 6 years</li> <li>▪ B.Eng, MEngSt, MBA, PhD; 18 years</li> </ul>
5.	Nature Conservation	<ul style="list-style-type: none"> <li>▪ Existing terrestrial flora</li> <li>▪ Existing terrestrial fauna</li> <li>▪ Terrestrial flora and fauna impacts</li> <li>▪ Stream Ecology</li> <li>▪ Stream vegetation</li> </ul>	<ul style="list-style-type: none"> <li>▪ Lisa Kiddell, AustralAsian Resource Consultants</li> <li>▪ Mark Sanders, AustralAsian Resource Consultants</li> <li>▪ Hunter Brownscombe, SKM</li> <li>▪ John Thorogood, FRC – Environmental</li> <li>▪ David Francis, Chenoweth EPLA</li> </ul>	<ul style="list-style-type: none"> <li>▪ B.App.Sc.(Nat.Sys. Wild.Mgt)(Hon); 5 years</li> <li>▪ B.Sc.(Adv Sc)(Zoology)(Hon); 8 years</li> <li>▪ B.Sc (Forestry), M (Env.Mgt.); 20 years</li> <li>▪ M.SC, PhD, 23 years</li> <li>▪ B.Sc.(Hons); 10 years</li> </ul>

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6.	Air Quality	All	<ul style="list-style-type: none"> <li>Robin Ormerod, Pacific Air &amp; Environment Pty Ltd</li> </ul>	<ul style="list-style-type: none"> <li>B.Sc.(Hons 1); 25 years</li> </ul>
7.	Noise and Vibration	<ul style="list-style-type: none"> <li>Noise</li> <li>Vibration</li> </ul>	<ul style="list-style-type: none"> <li>Martti Warpenius, Bassett Acoustics</li> <li>Emma Carlisle, Bassett Acoustics</li> <li>Adrian Moore, Terrock Consulting Engineers</li> </ul>	<ul style="list-style-type: none"> <li>B.E.(Hons I), M.Eng.Sc.; 17 years</li> <li>B.E.((Hons I) Mech); 2 years</li> <li>Dip.C.E., B.E.(min.), M.Eng.Sc; 37 years</li> </ul>
8.	Cultural Heritage	<ul style="list-style-type: none"> <li>Indigenous cultural heritage</li> <li>Non-Indigenous cultural heritage</li> </ul>	<ul style="list-style-type: none"> <li>Luke Godwin, Central Queensland Cultural Heritage Management</li> <li>Sue Marszalek, SKM</li> </ul>	<ul style="list-style-type: none"> <li>B.A., PhD; 20 years</li> <li>Grad.Dip. U.R.P, B.B.E (U.R.P); 4 years</li> </ul>
9.	Scenic Values	All	<ul style="list-style-type: none"> <li>Sue Marszalek, SKM</li> </ul>	<ul style="list-style-type: none"> <li>Grad.Dip. U.R.P, B.B.E (U.R.P); 4 years</li> </ul>
10.	Waste Management	All	<ul style="list-style-type: none"> <li>Anthony Bianco, SKM</li> </ul>	<ul style="list-style-type: none"> <li>B.SC (Hons 1); 8 years</li> </ul>
11.	Infrastructure and Traffic	<ul style="list-style-type: none"> <li>Infrastructure</li> <li>Traffic</li> </ul>	<ul style="list-style-type: none"> <li>Anthony Bianco, SKM</li> <li>Jen Patterson, SKM</li> </ul>	<ul style="list-style-type: none"> <li>B.SC (Hons 1); 8 years</li> <li>B.ENG (Civil) (Hons 2A): 6 years</li> </ul>
12.	Community Consultation and Engagement	All	<ul style="list-style-type: none"> <li>Leisa Prowse, Parsons Brinckerhoff</li> <li>Naomi Cavanagh, Parsons Brinckerhoff</li> </ul>	<ul style="list-style-type: none"> <li>B.R.T.P., Grad.Dip.Comm; 13 years</li> <li>BSc AES; 4 years</li> </ul>
13.	Social Impacts	All	<ul style="list-style-type: none"> <li>Leisa Prowse, Parsons Brinckerhoff</li> <li>Naomi Cavanagh, Parsons Brinckerhoff</li> </ul>	<ul style="list-style-type: none"> <li>B.R.T.P., Grad.Dip.Comm; 13 years</li> <li>BSc AES; 4 years</li> </ul>
14.	Economic Impacts	<ul style="list-style-type: none"> <li>Regional Economic Impacts</li> <li>Local Economic Impacts</li> </ul>	<ul style="list-style-type: none"> <li>John Mangan, Centre for Economic Policy Modelling, University of Queensland</li> <li>Glen D'este, Parsons Brinckerhoff</li> </ul>	<ul style="list-style-type: none"> <li>B.Ec., Dip.Ed., M.Ec., M.A., PhD; 25 years</li> <li>B.Sc.(Hons 1), PhD; 25 years</li> </ul>
15.	Health and Safety	All	<ul style="list-style-type: none"> <li>Chris Beale, SKM</li> </ul>	<ul style="list-style-type: none"> <li>MBA, B.ENG (Mech)(Hons), Grad.Cert. Risk Mgt.; 16 years</li> </ul>
16.	EMOS	All	<ul style="list-style-type: none"> <li>David Welsh, SKM</li> <li>Peter Smith, SKM</li> </ul>	<ul style="list-style-type: none"> <li>M.SC, B.SC., Grad.Dip. O.R.; 25 years</li> <li>B.SC A.C.S; 12 years</li> </ul>
	Maps	Maps	<ul style="list-style-type: none"> <li>David Splatt, Resource Exploration Mapping</li> </ul>	<ul style="list-style-type: none"> <li>B.App.Sc; 24 years</li> </ul>