

**2011 Airborne Preliminary Surveys and Airborne Geophysical Operations in South Australia (SEO)
Environmental Significance Assessment**

H = High certainty; M = Medium certainty; L = Low certainty

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REF	TYPE OF IMPACT	EVENT(S)	POTENTIAL CONSEQUENCES	PREDICTABILITY						MANAGEABILITY						Environmental significance	Comments	
				SIZE	SCOPE	DURATION	FREQUENCY	STAKEHOLDERS	SIGNIFICANCE	AVOIDANCE	PROBABILITY	DURATION	SIZE AND SCOPE	CUMULATIVE EFFECTS	STAKEHOLDERS			SIGNIFICANCE
SEO T1.Obj 4	Soil Impact	Fuel and Oil spills	Contamination of soils	H	H	H	H	H	1	No	Low	Short	Small	No	No	1	Low	Very small amounts due to refuelling procedures. Aircraft refuelled on land ground at dedicated refuelling area
SEO T1.Obj 3	Native faunal impact	Low Level Flying	Startling birds	H	H	H	H	H	1	No	Low	Short	Small	No	No	1	Low	Potential nesting areas (e.g. in env sig wetlands) are identified in planning process and avoided during survey ops.
SEO T1 Obj 2	Existing L/Use Impacts	Low Level Flying	Startling livestock	H	H	H	H	H	1	No	Low	Short	Small	No	No	1	Low	Concentrations of stock at watering points or yards are not flown over
		Low Level Flying	Noise disturbs l/owner	H	H	H	H	H	1	No	Low	Short	Small	No	No	1	Low	Landowner notified of survey