

Social Risk Assessment

Factor	Aspect/ Activity	Potential Impact	Inherent Risk Rating (no controls)			Mitigating Factors	Hazard Control	Residual Risk Rating (with controls)			Confidence Level
			C	L	Rating			C	L	Rating	
Recreation	Construction of processing plant and infrastructure upgrades/ maintenance	Loss of recreational activities and access to country for local Indigenous community members due to exclusion zones and vegetation clearing for construction activities	C1	L5	Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away Project is about 3 km from boundary with National Park 	<ul style="list-style-type: none"> Cameco will manage access to country for Martu through ongoing consultation and engagement with Martu and WDLAC Cameco will manage exclusion zone and vegetation clearing impacts for Martu with a Cultural Heritage Management Plan Vegetation clearing in the Project area will be approximately 650 ha and will be undertaken only where necessary Exclusion zones will be limited to within the tenement boundary and no buffer zones will be applied 	C1	L5	Low	Reasonable
		Disturbance to Indigenous culturally significant sites due to construction activities	NA	NA	NA	<ul style="list-style-type: none"> Heritage surveys have been undertaken 	<ul style="list-style-type: none"> Cameco will manage disturbances to culturally significant sites with a Cultural Heritage Management Plan 	NA	NA	NA	
	Operation of processing plant and associated infrastructure in proximity of Karlamilyi National Park	Loss of recreational value to tourists of Karlamilyi National Park due potential changes to landscape and aesthetics	C1	L3	Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away Project is about 3 km from boundary with National Park 	<ul style="list-style-type: none"> The Kintyre Project processing plant and associated infrastructure is not expected to be visible from the Karlamilyi National Park Impacts to visual amenity will 	C1	L2	Very Low	Reasonable

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							be mitigated with a Conceptual Mine Closure and Rehabilitation Plan and a Final Mine Closure Plan				
	Operation of processing plant and associated infrastructure on Martu country	Loss of recreational activities and access to country of local Indigenous community members due to exclusion zones for Project infrastructure	C1	L5	Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> Cameco will manage access to country for Martu through ongoing consultation and engagement with Martu and WDLAC Cameco will manage exclusion zones impacts for Martu with a Cultural Heritage Management Plan 	C2	L1	Very Low	Reasonable
	General mining/operational activities Transportation of product Spills, leaks, incidents	Radiation dust impacting on the health of people who are ingesting potentially contaminated water, flora and fauna during recreational activities	C2	L2	Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away Project is about 3 km from boundary with National Park 	<ul style="list-style-type: none"> Impacts to groundwater will be managed using a Groundwater Management Plan Impacts to surface water will be managed using a Surface Water Management Plan Cameco will develop and implement a Radiation Management Plan which will include a Radioactive Waste Management Plan and Safe Transport of Radioactive Materials Plan Dust will be minimised through implementation of the Dust Management Plan and Radiation Management Plan Cameco will progressively rehabilitate disturbed areas in accordance with the Mine 	C1	L1	Very Low	Reasonable

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					High		Closure and Rehabilitation Plan <ul style="list-style-type: none"> Potentially contaminated surface water runoff from mining, stockpile and process areas will be captured for use in processing plant, or otherwise retained on site 			High	
Health	Construction of processing plant and infrastructure upgrades/ maintenance	Potential for the presence of pooling water through construction activities and seasonal conditions to provide breeding habitats for mosquitoes and other biting insects to transmit vector borne viruses to the workforce	C4	L4	High		<ul style="list-style-type: none"> Cameco will have a Mosquito Monitoring Program Cameco will have a Mosquito Management Plan 	C4	L3	High	Reasonable
		Potential for the presence of pooling water through construction activities and seasonal conditions to provide breeding habitats for mosquitoes and other biting insects to transmit vector borne viruses to the community and tourists	C4	L2	Medium	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> Cameco will have a Mosquito Monitoring Program Cameco will have a Mosquito Management Plan 	C4	L1	Low	Reasonable

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	Operation of processing plant and associated infrastructure	Potential for the presence of pooling water through operations activities and seasonal conditions to provide breeding habitats for mosquitoes and other biting insects to transmit vector borne viruses to the workforce	C4	L4	High		<ul style="list-style-type: none"> ▪ Cameco will have a Mosquito Monitoring Program ▪ Cameco will have a Mosquito Management Plan 	C4	L3	High	Reasonable
		Potential for the presence of pooling water through operations activities and seasonal conditions to provide breeding habitats for mosquitoes and other biting insects to transmit vector borne viruses to the community and tourists	C4	L2	Medium	<ul style="list-style-type: none"> ▪ Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> ▪ Cameco will have a Mosquito Monitoring Program ▪ Cameco will have a Mosquito Management Plan 	C4	L1	Low	
Public Amenity: <i>Air Quality</i>	Construction of processing plant and infrastructure upgrades/ maintenance and vehicle movements	Decreased public amenity of local community members and tourists due to increased air emissions	C1	L1	Very Low	<ul style="list-style-type: none"> ▪ Nearest settlements are 80 km to 113 km away ▪ Project is about 3 km from boundary with National Park 	<ul style="list-style-type: none"> ▪ Restrictions on vehicle speeds will be implemented in the Project area and along access roads ▪ Dust levels will be managed with a Dust Management Plan ▪ Project and plant design will be considered to meet ambient air quality standards 	C1	L1	Very Low	Reasonable

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	General operational activities that create air/ dust emissions including vehicle movement/ heavy loads and transportation of product	Decreased public amenity of local community members and tourists due to increased air emissions	C1	L1	Very Low	<ul style="list-style-type: none"> Low frequency of truck movements Use of sealed roads 	<ul style="list-style-type: none"> To manage the impacts of increased dust levels dust suppression techniques will be used including water spraying on cleared areas, roads and stockpiles Restrictions on vehicle speeds will be implemented in the Project area and along access roads Dust levels will be managed with a Dust Management Plan Project and plant design will be considered to meet ambient air quality standards 	C1	L1	Very Low	Reasonable
Public Amenity: Noise	Construction of processing plant and infrastructure upgrades/ maintenance	Diminished quality of life due to acoustic emissions that are audible from settlements	C1	L1	Very Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> Noise management will comply with Environmental Protection (Noise) Regulations 1997 Noise will be managed with a Noise Management Plan 	C1	L1	Very Low	Reasonable
	Vehicle movement/ Heavy loads	Diminished quality of life due to acoustic emissions that are audible from settlements	C1	L1	Very Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> Noise management will comply with Environmental Protection (Noise) Regulations 1997 Noise will be managed with a Noise Management Plan 	C1	L1	Very Low	Reasonable
	General operational activities that create air emissions	Diminished quality of life due to acoustic emissions that are audible from settlements	C1	L1	Very Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> Noise management will comply with Environmental Protection (Noise) Regulations 1997 Noise will be managed with a Noise Management Plan 	C1	L1	Very Low	Reasonable
	Vehicle movement/ Heavy loads and transportation of product	Diminished quality of life due to acoustic emissions that are audible from settlements	C1	L1	Very Low	<ul style="list-style-type: none"> Nearest settlements are 80 km to 113 km away 	<ul style="list-style-type: none"> Noise management will comply with Environmental Protection (Noise) Regulations 1997 Noise will be managed with a Noise Management Plan 	C1	L1	Very Low	Reasonable

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Public Amenity: <i>Visual Amenity</i>	Construction of processing plant and infrastructure upgrades/ maintenance	Reduced visual amenity of the landscape for locals and tourists from vegetation clearing	NA	NA	NA		<ul style="list-style-type: none"> ▪ Mine Closure and Rehabilitation Plan ▪ Rehabilitation will be undertaken on areas of disturbance to minimise the impact of the changes in landscape. ▪ Rehabilitation will be progressive throughout operations ▪ Re-vegetation will be carried out using local species suited to the final landforms, to produce a stable, self-sustaining eco-system and landform 	NA	NA	NA	
	Operation of processing plant and associated infrastructure in proximity of Karlamilyi National Park	Reduced visual amenity of the landscape for tourists	NA	NA	NA		<ul style="list-style-type: none"> ▪ The Kintyre Project processing plant and associated infrastructure is not expected to be visible from the Karlamilyi National Park ▪ Impacts to visual amenity will be mitigated with a Mine Closure and Rehabilitation Plan 	NA	NA	NA	
	Operation of processing plant and associated infrastructure on Martu country	Reduced visual amenity of the landscape for local Indigenous /community members	NA	NA	NA		<ul style="list-style-type: none"> ▪ Cameco will manage visual amenity impacts for Martu with a Cultural Heritage Management Plan 	NA	NA	NA	

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Social Factors: <i>Community limitations of experiencing economic benefits</i>	FIFO workforce sourced from non-local/regional populations during construction	FIFO rosters may mean local and regional communities do not gain economic benefits from the Project	C2	L4	Medium		<ul style="list-style-type: none"> ▪ Cameco will develop and implement an Indigenous Employment Plan ▪ Cameco will provide FIFO via local air charter service, and DIDO support for local and regionally based employees ▪ Cameco will provide social investment into local training to gain employment ▪ Cameco will develop and implement an Indigenous Business Development Plan 	C2	L3	Low	Reasonable
	FIFO workforce sourced from non-local/regional populations during operations	FIFO rosters may mean local and regional communities do not gain economic benefits from the Project	C2	L4	Medium		<ul style="list-style-type: none"> ▪ Cameco will develop and implement an Indigenous Employment Plan ▪ Cameco will provide FIFO via local air charter service, and DIDO support for local and regionally based employees ▪ Cameco will provide social investment into local training to gain employment 	C2	L3	Low	
Social Factors: <i>Increased pressure on service provision and existing</i>	Transportation of construction workforce	Potential for increased pressure on transport services	C2	L3	Low	<ul style="list-style-type: none"> ▪ Low number of construction workforce 	<ul style="list-style-type: none"> ▪ Cameco will provide FIFO via local air charter service, and DIDO support for local and regionally based employees ▪ Cameco will continue to engage with service provision stakeholders to address service requirements 	C1	L2	Very Low	Reasonable

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<i>infrastructure</i>	Injury of construction workforce	Potential for increased pressure on health and emergency services	C4	L4	High	<ul style="list-style-type: none"> Airstrip available at Telfer if required to med-evac injured workforce 	<ul style="list-style-type: none"> Cameco's construction camp will have first aid medical facilities and the capacity to med-evac personnel from site 	C3	L3	Medium	Reasonable
	Vehicle movement/ transportation of materials during construction	Potential for increased road maintenance of access roads and highways	C2	L3	Low		<ul style="list-style-type: none"> Cameco will upgrade the Telfer Road Cameco is not responsible for the maintenance of highways 	C2	L3	Low	Reasonable
	Transportation of workforce during operations	Potential for increased pressure on transport services	C2	L2	Low	<ul style="list-style-type: none"> Low number of operations workforce 	<ul style="list-style-type: none"> Cameco will provide FIFO via local air charter service, and DIDO support for local and regionally based employees Cameco will continue to engage with service provision stakeholders to address service requirements 	C1	L3	Very Low	Reasonable
	Injury of operations workforce	Potential for increased pressure on health and emergency services	C3	C3	Medium		<ul style="list-style-type: none"> Cameco's construction camp will have first aid medical facilities and the capacity to med-evac personnel from site Cameco will also provide ongoing emergency response training and support to communities along the transport route to assist in the case of an accident whilst transporting the product from site to the port 	C3	L2	Low	Reasonable



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	Vehicle movement/ Heavy loads and transportation of product during operations	Potential for increased road maintenance of access roads and highways	C2	C3	Low		<ul style="list-style-type: none"> ▪ Cameco will upgrade the Telfer Road ▪ Cameco is not responsible for the maintenance of highways 	C2	L3	Low	Reasonable