



APPENDIX 3

Cumulative Impact Summary Table

Appendix 3 – Cumulative Impact Assessment – Scoping Summary

The following provides an analysis of the potential for the Project to result in cumulative impact considering all relevant existing and future Projects within the surrounding Region. Where the summary has identified specific Projects as resulting in potential impact this will be addressed in the relevant specialist assessments and Environmental Impact Statement (EIS).

Table 1.1 Potential Overlap and Cumulative Impacts of Other Projects

Key	N/A – No potential overlap in impacts between Project and existing/future project that would warrant any consideration in the cumulative impact assessment
	Standard Assessment – Project and existing/future project unlikely to result in significant cumulative impacts
	Detailed Assessment – Project and existing/future project may result in cumulative impacts

Existing & Proposed Projects	Distance to Project (Approx.)	Project Status/Indicative Timing/Overlap	Potential Overlap Between Impact of Project on Assessment Matter and Impact of Other Projects on the Same Assessment Matter													
			Visual	Noise and Vibration	Biodiversity	Traffic and Transport	Aboriginal Cultural Heritage	Historic Heritage	Geology	Hazard/ Risk	Water and Soils	Waste	Social and Economic	Air Quality	Decom and Rehab	Aviation
Perilya Potosi and Flying Doctor Mine (Operational)	0 (overlapping operation areas)	Mining at Potosi expected to complete in 2023 when mining at Flying Doctor will commence. Construction and Operation of the Project will overlap with the continuation of mining operations														
Perilya North Mine (Operational)	~4km	Existing mining operations Ongoing operations will overlap with the construction and operations phase of the Project– due to separation distance unlikely to result in cumulative impact – potential cumulative impact to services associated with construction phase														
Junction Mine (Operational)	~6km	Existing mining operations Ongoing operations will overlap with the construction and operations phase of the Project – due to separation distance unlikely to result in cumulative impact – potential cumulative impact to services associated with construction phase														
Observatory Broken Hill (Operational)	~2km	Construction and operation phase will overlap with operation of observatory – cumulative impact (particularly lighting) associated with concurrent project and mining operations to be considered as part of EIS														
Broken Hill Airport (Operational)	~8km (SCES facility) Transmission line skirts Airport boundary	Operational – cumulative impact associated with the construction and operation of the Transmission line to be considered as part of EIS														

Existing & Proposed Projects	Distance to Project (Approx.)	Project Status/Indicative Timing/Overlap	Potential Overlap Between Impact of Project on Assessment Matter and Impact of Other Projects on the Same Assessment Matter													
			Visual	Noise and Vibration	Biodiversity	Traffic and Transport	Aboriginal Cultural Heritage	Historic Heritage	Geology	Hazard/ Risk	Water and Soils	Waste	Social and Economic	Air Quality	Decom and Rehab	Aviation
Silverton Wind Farm (Operational)	~12km	Operational - negligible overlapping impacts during construction and operation due to separation distance														
Broken Hill Solar Plant (Operational)	~10km	Operational - negligible overlapping impacts during construction and operation due to separation distance														
Broken Hill Battery Energy Storage System	~8km	Approved - expected to be completed prior to construction of Project Negligible overlapping impacts during operations due to separation distance														
Broken Hill Cobalt Blue Project (Proposed)	~30km	Under Assessment Approval and construction timing unknown however potential for construction timeframes to overlap – potential cumulative impact related to traffic and transport and services Negligible overlapping impacts during operations due to separation distance														
Blue Bush Project – (geological repository) - Proposed	~50km	Under Assessment Approval and construction timing unknown however potential for construction timeframes to overlap – potential cumulative impact related to traffic and transport and services Negligible overlapping impacts during operations due to separation distance														
Hawsons Iron Ore Project (Proposed)	~70km	Under Assessment Approval and construction timing unknown however potential for construction timeframes to overlap – potential cumulative impact related to traffic and transport and services Negligible overlapping impacts during operations due to separation distance														