

Appendix B Impact Assessment Tables



Table B1: Activity/Issue Matrix

Ref. No	Issue	Activity																				
		Land acquisition	Transport of materials, machines and people	Upgrading & widening of access roads & tracks	Operation of borrow pits and spoil disposal sites	Use and storage of materials	Clearance & preparation of work areas	Storage of excavated materials including topsoil	Trenching	Welding and pipe installation	Backfilling & compaction	Reinstatement	Refuelling	Watercourse crossings	Hydrotesting	Operation of storage sites	Employment of workforce	Cleaning, de-oiling and tie-ins	Removal of redundant sections from service	Aerial markers	Variations to proposed work areas or methodology	Operation of new sections
A0	General																					
A1	Use of raw materials and natural resources																					
A2	Soil compaction																					
A3	Soil erosion																					
A4	Loss of soil structure, fertility and seed bank																					
A5	Ground settlement																					
A6	Disturbance of known/unknown contamination																					
A7	Production and disposal of solid and liquid waste																					

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A8	Visual intrusion into landscape																					
A9	Disposal of surplus spoil																					
A10	Disposal of surplus trench and hydrotest water																					
A11	Impeded flow of river or channel																					
A12	Use of water from river or channel																					
A13	Flooding																					
A14	Production and disposal of black and grey water																					
A15	Abstraction of groundwater																					
A16	Altered drainage pattern																					

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A17	Loss of natural habitat / vegetation																					
A18	Introduction of competitive species or plant/animal diseases																					
A19	Disturbance or harm to wildlife																					
A20	Impeded movement of animals & people																					
A21	Open excavations																					
A22	Use of energy																					
A23	Release of gases and vapours to atmosphere																					
A24	Dust																					
A25	Noise																					

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A26	Vibration																					
A27	Disturbance or loss of cultural heritage																					
A28	Employment																					
A29	Provision of goods, services and land																					
A30	Community safety																					
A31	Community health																					
A32	Loss/severance of agricultural land																					
A33	Community relations																					
A34	Loss of field boundaries																					

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A35	Damage to third party infrastructure (pipelines, cables etc)																					
A36	Disruption of irrigation/drainage infrastructure																					
A37	Use of local road network																					
A38	Road closure																					
A39	Accidental release of chemicals/oils																					
A40	Disturbance of unexploded ordnance																					
A41	Un-assessed impacts																					
A42	Spill of crude oil during de-oiling																					