

**Table 2.2** Types and characteristics of impacts used in discriminating 'least-impacted' reaches and sites in AusRivAS (AusRivAS 2000).

Activity	Stream hydrology	Sediment		Water chemistry	Temperature	Contamination	Organic load	Substrate composition	Bed or bank stability	Invertebrate food resources
		load	quality							
Major impoundments, extractions or diversions	✓	✓		✓	✓					
Catchment urbanisation	✓	✓	✓	✓		✓				
Presence of roads, tracks or service corridors	✓	✓	✓							
Channel modification	✓	✓						✓	✓	
Bank degradation		✓			✓			✓	✓	✓
Vegetation clearance	✓	✓	✓	✓	✓					
Forestry	✓	✓	✓	✓	✓					
Intensive agriculture	✓	✓	✓	✓	✓					
Livestock grazing	✓	✓	✓	✓	✓					
Mining or extractive industry	✓	✓	✓	✓		✓				
Pollution sources			✓	✓		✓	✓			