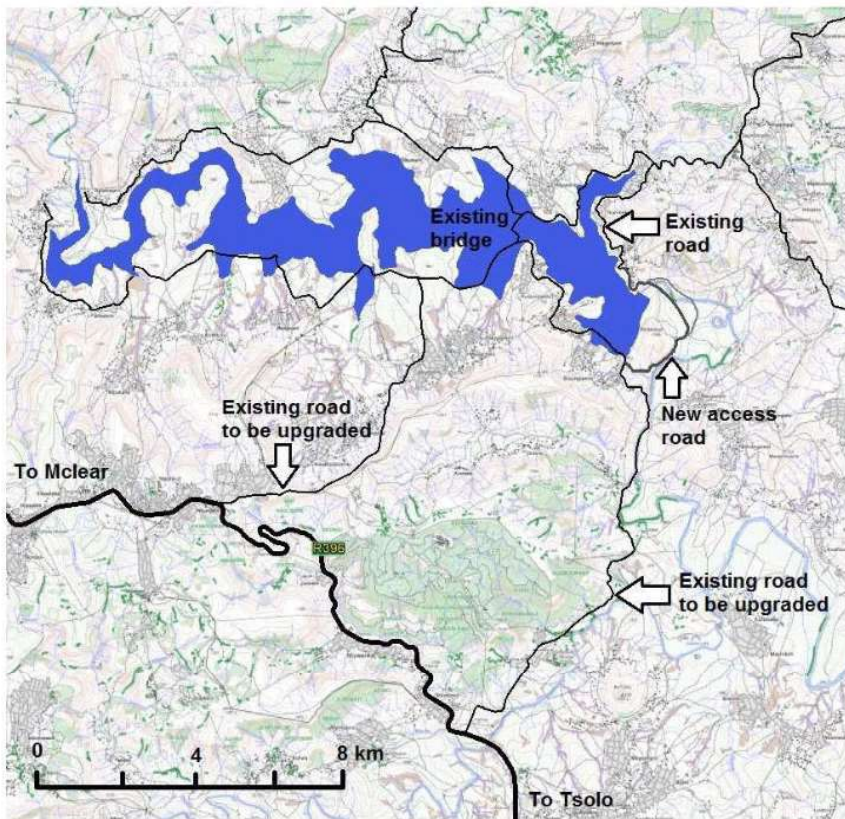
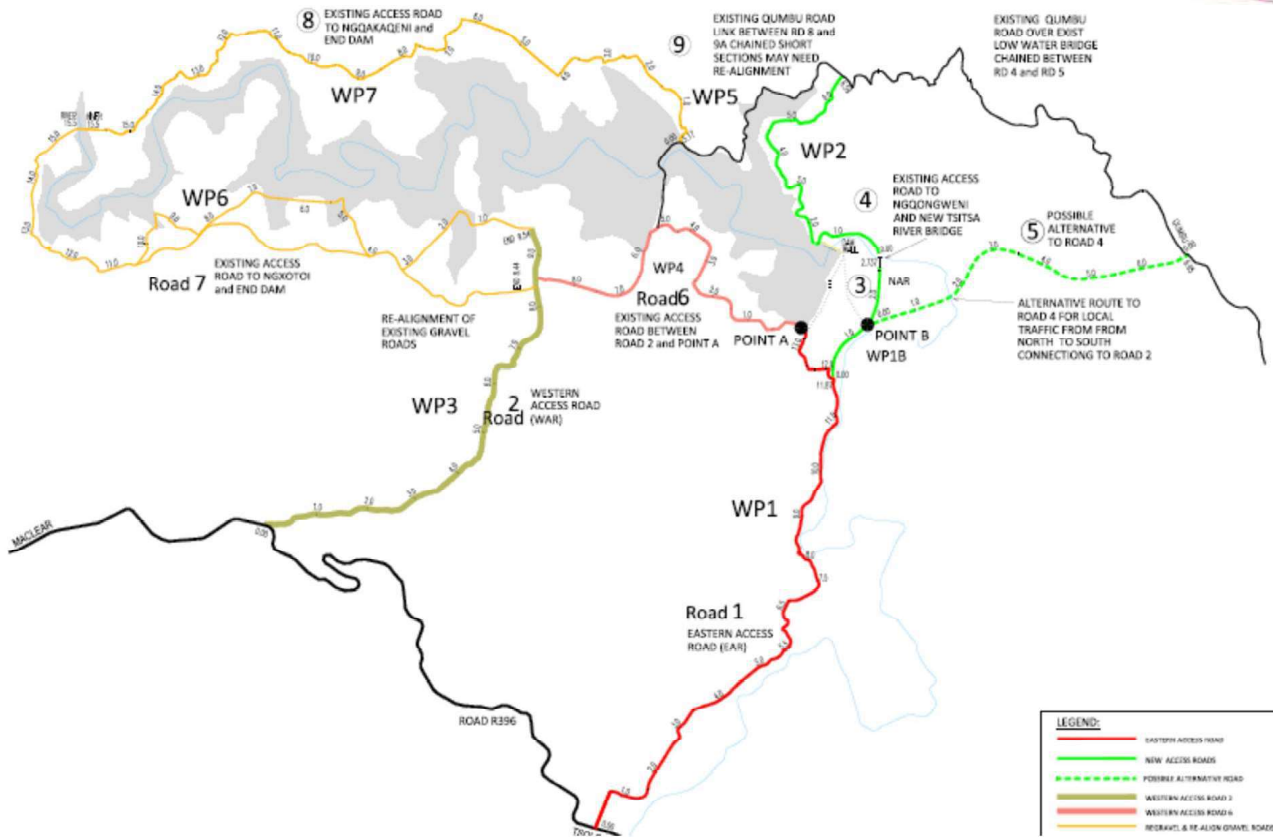


## PROJECT LOCALITY



# ROAD LAYOUT



Work Package	Description	Road No	Prov. Road	Function	Scope of Works	cross-section	Length
WP1A	Eastern Access Road (Haul Road)	1A 3A	DR8199	Gravel Road: Temporary Haul Road during construction of dam.	Nominal improvement to horizontal and vertical alignment; re-gravelling		13.5km
WP1B	Eastern Access Road	1	DR8199 DR8203	Surfaced Road: Primary Access from R396 to dam (Point A) and collector road to serve local community.	Major upgrade of horizontal & vertical geometry of existing gravel road to surfaced provincial collector	Type 1	13.5km
	New Access Road	3		Surfaced Road: Primary link between EAR (Road 1) and bottom of dam wall; South to north link via Road 4 to R8195	Construction of new surfaced road to provincial collector road standards	Type 1	3.5km
WP2	North East Gravel Road	4		Gravel Road - extension from Road 3 to link with Road 9 and RD8195	Upgrading horizontal and vertical geometry of existing track to new gravel road (possible future surfacing): New bridge across river.	Type 2	6.5km
	Tsitsa River Bridge	Bridge					
WP3	Western Access Road	2	DR8456 DR8195	Surfaced Road : Primary western access from R396 to dam Road Network; Link via Road 6 to Road 1 (Point A); Link to Road 7	Major upgrade of horizontal & vertical geometry of existing gravel road to surfaced provincial collector	Type 1	9.4km
WP4	Link Road Between EAR and WAR	6	DR8203	Surfaced Road: Eastward link between Road EAR and WAR; new surfaced road through built-up area.	Re-alignment southward from initial proposal adjacent to dam flood level; New surfaced to provincial collector geometric standards.	Type 1	9.4km
WP5	Northern Gravel Road	9	DR8195	Gravel Road: Link between Road 8 and existing Road R8195, and Road 4 from south.	Existing road within dam flooding area; partial re-alignment or raise levels.	Type 2	3.0km
WP6	South West Gravel Road and bridge	7		Gravel Road: Upgrading existing perimeter road to south-west of dam levels.	Partial re-alignment to avoid dam level; re-gravelling of existing road	Type 2	15.0km
		Bridge		Minor river bridge			
WP7	North West Gravel Road	8	DR8196	Gravel Road: Access road for local communities; Link between Road 7 (west across new bridge) and Road 9.	Partial rehabilitation and re-gravelling of existing road	Type 2	15.0km