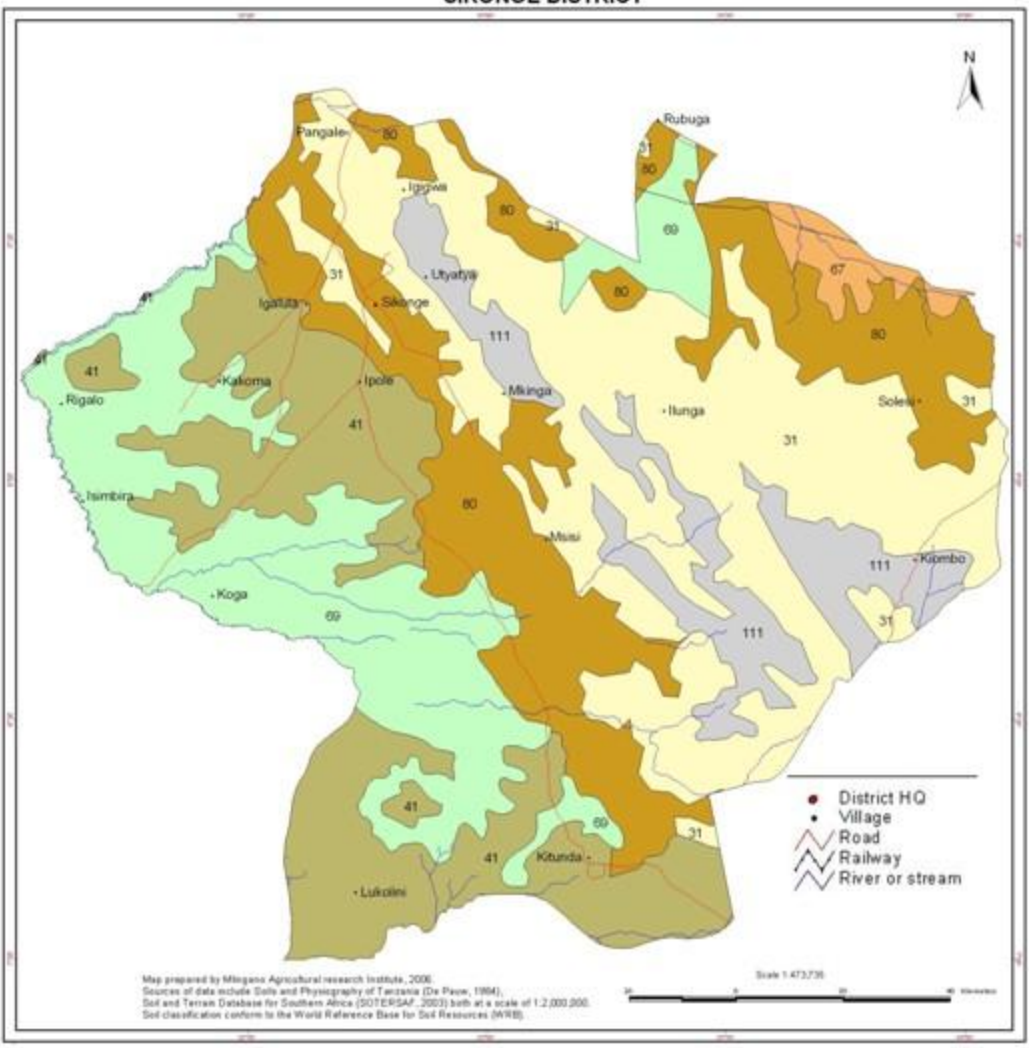
SIKONGE DISTRICT



SOIL AND TERRAIN (SOTER) MAPPING UNITS

Symbol	Landform	Lithology	WRB soil subunit	Limitations	Use and management	Extent (ha)	Proportion (%)
111	DH	MA	Eutric Leptosols	Shallowness, stoniness, rockiness	Low volume grazing, forestry	217212.1200	0.7200
31	LP	IAI	Chromi-Ferralic Cambisols	Low natural fertility	A wide variety of agricultural uses with maintenance of soil organic matter and nutrient levels	27109496.0800	89.8300
41	LP	MAJ	Ferralic Cambisols	Low natural fertility	A wide variety of agricultural uses with maintenance of soil organic matter and nutrient levels	7544470.4400	19.4400
67	LP	UC	Chromi-Ferric Acrisols	Low natural fertility, aluminium toxicity, strong phosphate fixation, stabing/crusting	Adapted cropping systems with complete fertilisation and preservation of the surface soil	873310.7600	2.2500
69	LP	UF	Pellic Vertisols	Difficult workability, difficult water management	High natural fertility suitable for a wide range of crops, small-scale and large-scale irrigated cropping	879136.0800	2.5100
80	LP	UF	Ferralic Arenosols	Low available water capacity, very low natural fertility, susceptible to erosion	Mixed arable cropping with irrigation or soil water conservation practices, tree crops, extensive grazing	2048452.4100	5.2900