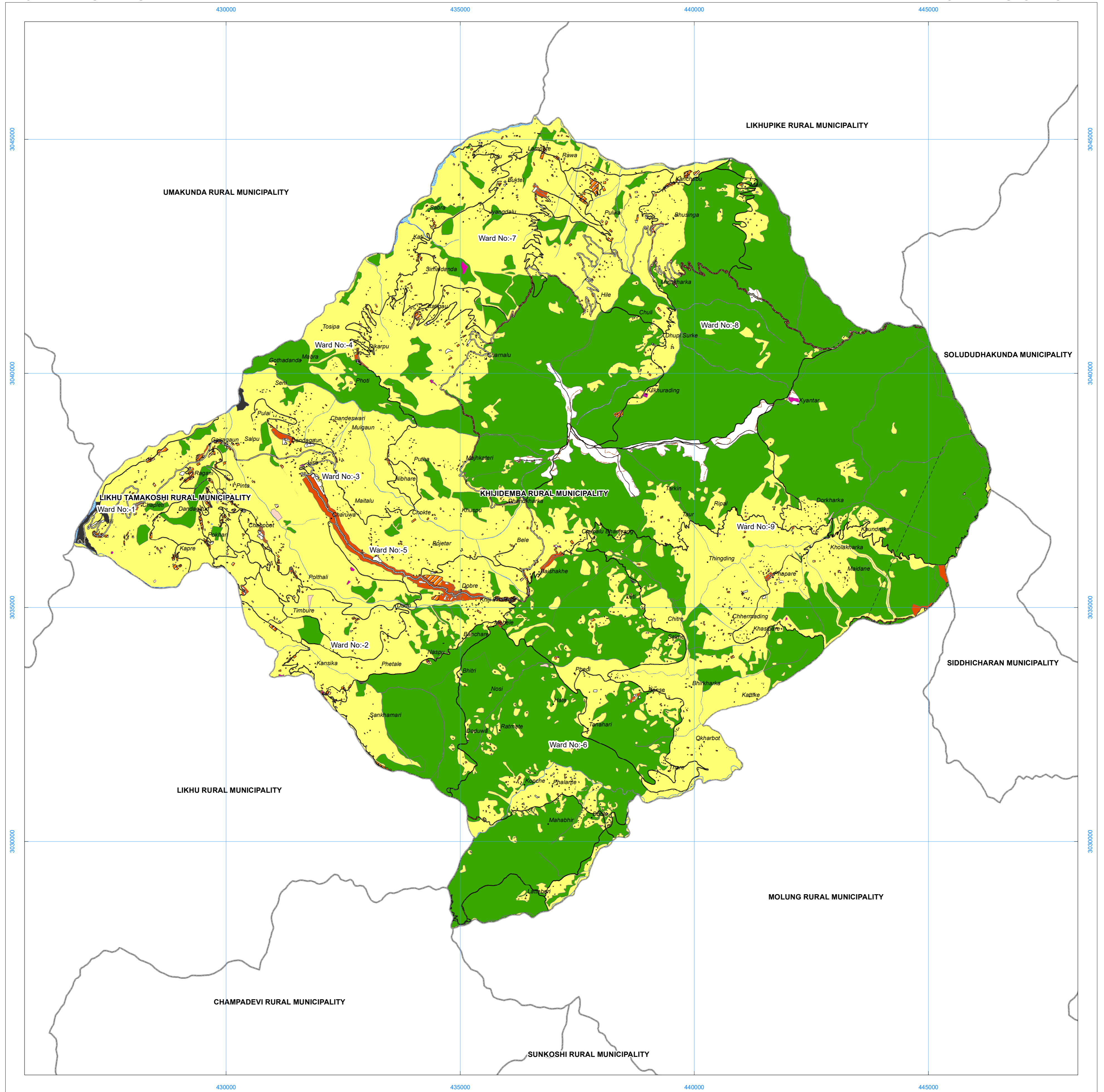


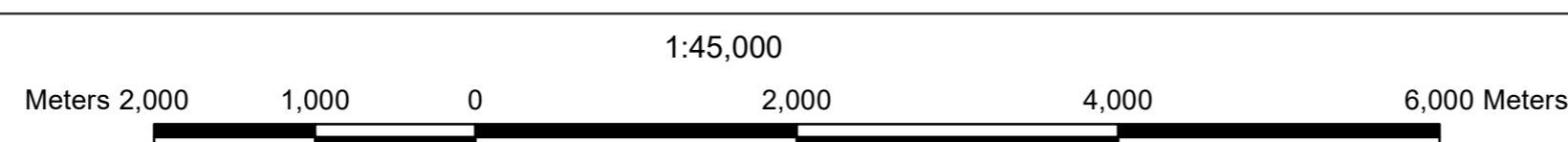
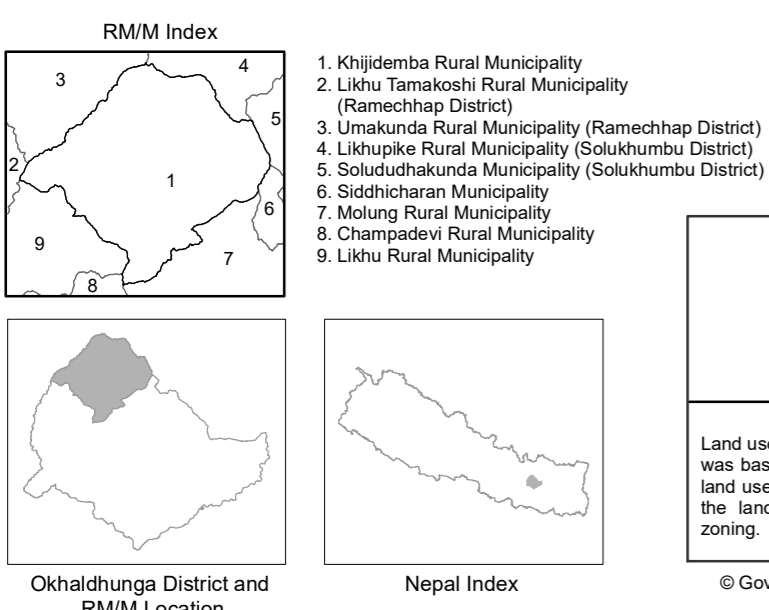
# LAND USE ZONING

KHIJIDEMBA RURAL MUNICIPALITY

OKHALDHUNGA DISTRICT



Legend	Land Use Zones		Boundaries		Land Use Zone 1 Sub-class	Land Use Zone 2 Sub-class	Land Use Zone 3 Sub-class	Land Use Zone 4 Sub-class	Land Use Zone 5 Sub-class	Land Use Zone 6 Sub-class
	<b>Class</b> Agricultural Zone Commercial Zone Cultural and Archeological Forest Zone Industrial Zone	Mine and Minerals Other Zone Public Use Zone Residential Zone Riverine and Lake and Marsh Area	Ward Boundary Municipal District International	Mines Location Settlement Fault Transmission Line	Cereal crop production area -1A Cash crop area -1B Horticultural area -1C Animal husbandry area -1D Fish farming area -1E Agro forestry area -1F Other Agriculture Area -1G	Existing residential zone -2A Potential area for residential zone -2B	Service areas -3A Business area -3B	Areas under industrial use -4A Potential area for industrial use -4B	Existing forest -5A Potential area for forest including barren lands, wet lands -5B	Areas under roads, railways etc -6A Area under Hydrography -6B Open spaces, picnic spots, playing grounds and stadiums etc -6C Cultural, archeological and religious area -6D Public health, education library, police station, fire station, telephone, electricity areas etc -6E Grazing land -6F Governmental Institutional Area -6G Open Space/area -6H
<b>Risk Boundaries</b> Flood Landslide Fire Industrial Seismic Other				Criteria applied in delineating Land use zoning boundary -Existing (present) land use -Land capability and land system identified by the analysis of soil characteristics (PH value, Nitrogen, Phosphorous, Potash, Zinc etc), soils moisture, temperature, drainage, irrigation, slope, elevation, aspect, topography etc -Suitability identified on the basis of the neighborhood and spatial analysis (distance from roads, markets, settlements, river and stream, and hazards like landslide, flood, seismic, fire, industrial etc.)	Concept applied in the zoning: - Classification of land into Agricultural area, Residential area, Commercial area, Industrial area, Forest area, and Publicuse area. - Identifying areas for potential residential, commercial, industrial and public utility keeping balanced environment. - Classifying agricultural land into comparatively advantageous sub-areas on the basis of quality of land, land capability, and irrigation facilities to increase productivity. - Proper conservation of natural resources including forest, shrub, rivers and rivulets and swampy land etc.	<b>TYPE LEGEND SAMPLE</b> Land Use Zone Classification RES 2A Residential Existing Residential Area				

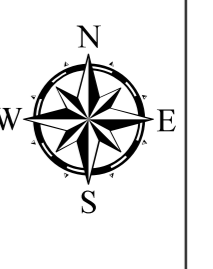


Land use zoning map is based on the ortho-rectified satellite image produced through the fusion of ZY-3 MS 5.6 m and Panchromatic 2.1 meter spatial resolution acquired on 2019 and 2020. Basically the zoning was based on subjective analysis of present land use, land capability and socio-economic setting of the study area. Land capability map was produced based on the soil analysis, land system and present land use. Soil information for land capability was collected from the soil samples which were chemically analyzed in the soil laboratory. Location for the soil pit for sample collection was identified by defining the land unit which were defined by delineating the land system over the high resolution satellite imagery data. Present land use was also considered while defining the boundary of land zoning. Extensive field study was carried prior to delineating to have better understanding of the social setting of the study area. The minimum mapping unit adopted is 0.25 hectare.

Projection and Datum Information  
 Projection: Modified Universal Transverse Mercator  
 False Easting: 500000 m  
 False Northing: 0 m  
 Central Meridian: 87 Degree East  
 Scale Factor: 0.9999  
 Latitude Of Origin: 0 Degree  
 Linear Unit: Meter  
 Datum: Everest 1830

Government of Nepal  
 Ministry of Land Management,  
 Co-operatives and Poverty Alleviation  
**Survey Department,**  
**Topographical Survey and**  
**Land Use Management Division.**  
 Kathmandu

JANATA-UDAYA-JAARSA JV  
 Kathmandu



International boundary shown in this map series does not suffice for validating the actual boundary line that exists on the ground.