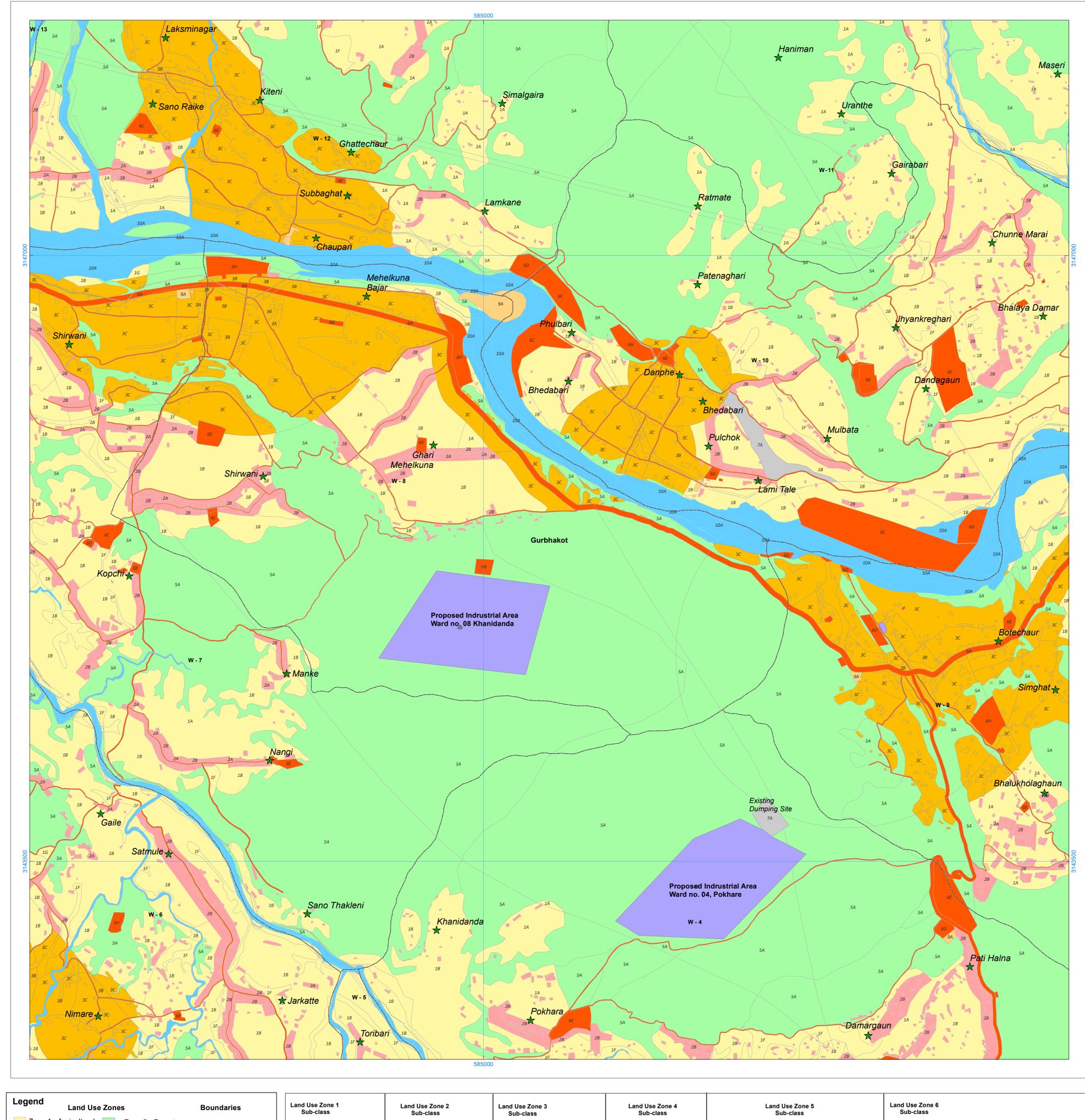
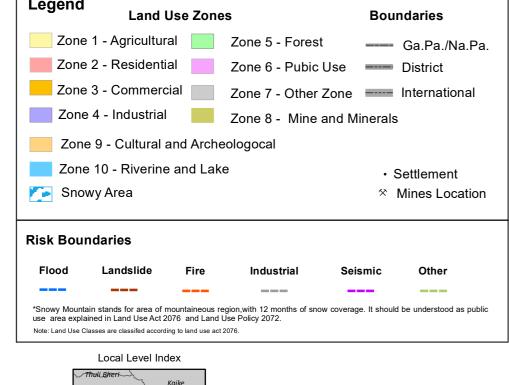
LAND USE ZONING

DISTRICT





Cash crop area -1B Potential area for residential zone -2B Business area -3B Horticultural area -1C Animal husbandry area -1D Land Use Zone 7 Sub-class Fish farming area -1E Agro forestry area -1F Potential area for Mine and Minerals -8B Other Agriculture Area -1G 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,

Existing residential zone -2A

Cereal crop production area -1A

flood, seismic, fire, industrial etc.)

of the study area. The minimum mapping unit adopted is 0.25 hectare.

Areas under industrial use -4A Service areas -3A Potential Area for industrial use -4B Land Use Zone 8 Land Use Zone 9 Sub-class Sub-class Archeological Area -9A

Potential Cultural

Concept applied in the zoning:

and Publicuse area .

and Archeological Area -9B

False Easting:

Existing forest -5A Potential area for forest including barren lands, wet lands -5B Land Use Zone 10 Sub-class Areas under Riverine and Lake -10A

Potential Riverine and Lake Area -10B

Areas under roads, railways etc -6A Open Space, Picnic spots, playing grounds, and Stadium etc. -6C Public health, education library, police station, fire station, telephone, electricity areas etc -6E Grazing land -6F Open spaces, picnic spots, recreational etc -6F Government Instutional Area -6G

- 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.

- Classification of land into Agricultural area, Residential area, Commercial area, Industrial area, Forest area,

- Identifying areas for potential residential, commercial, industrial and public utility keeping balanced environment.

TYPE LEGEND SAMPLE Land Use Zone Classification RES Existing Residential Area



and Map Index

Scale: 1:12,000 150 300 900 1,200 Meters Meters 300

-Suitability identified on the basis of the neighborhood and spatial analysis (distance from roads, markets, settlements, river and stream, and hazards like landslide,

Scale Factor: Land use zoning map based on the ortho-rectified satellite image.

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 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. Linear Unit: Datum:

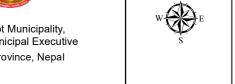
False Northing: 0 m
Central Meridian: 81 Degree East 0.9999 Latitude Of Origin: 0 Degree Everest 1830

Projection and Datum Information Projection: Modified Universal Trasnverse Mercato

500000 m

Prepared by: Moksha Enterprises Pvt. Ltd. Birendranagar-04, Karnali Province, Nepal





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