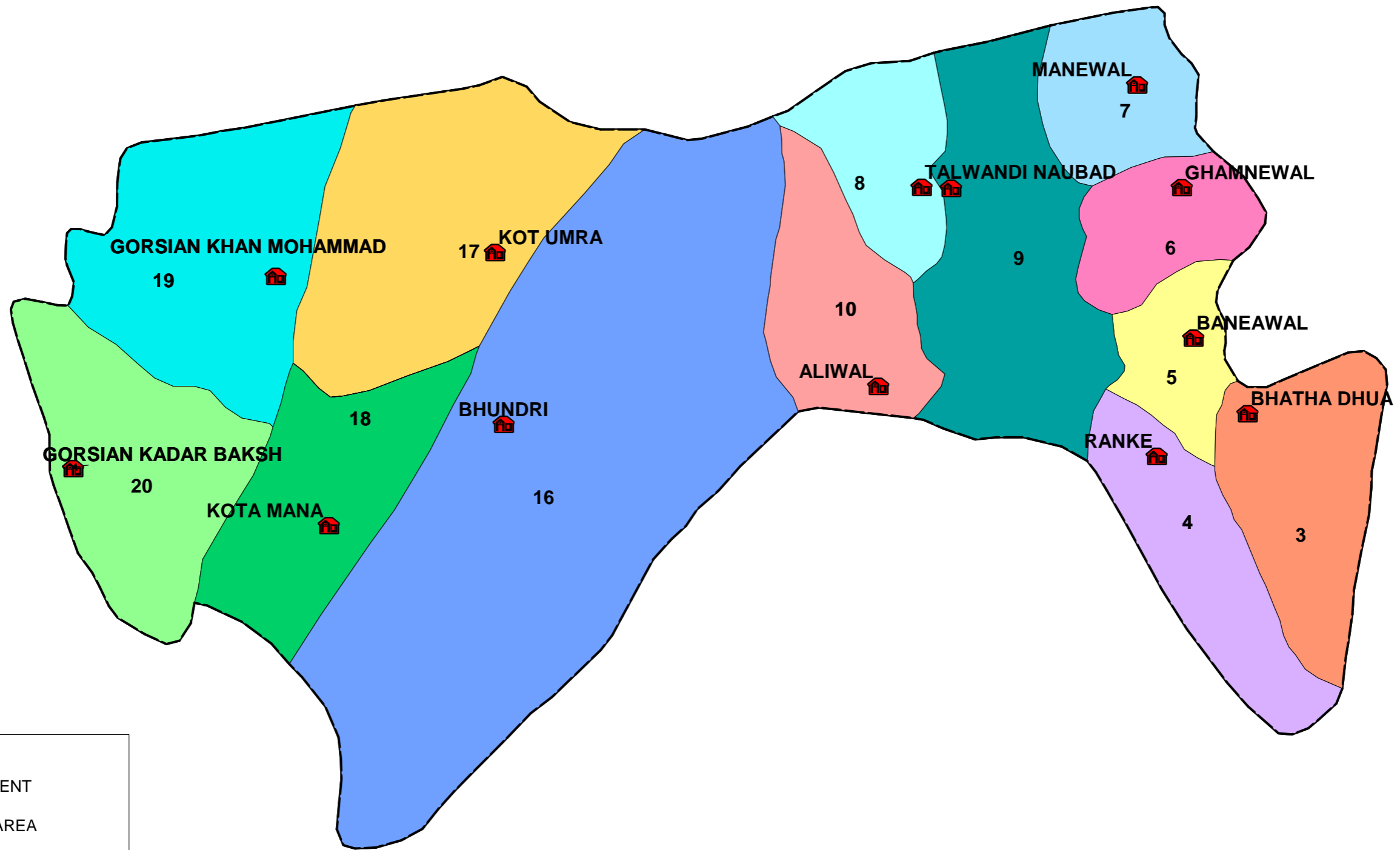


INTEGRATED WATERSHED MANAGEMENT PROGRAMME

PROJECT: LUDHIANA-IWMP-2/10-11
BLOCK:SIDHWAN BET, DISTRICT: LUDHIANA
MICRO WATERSHED CODES:1A1B4u1, 1A1B4u2, 1A1B4u3,
1A1B4u5, 1A1B4u6, 1A1B4s5, 1A1B4s6, 1A1B4s7, 1A1B4t4
EFFECTIVE AREA :2453 HA
(SCALE:1:50,000)



VILLAGE BOUNDARY MAP



REFERENCES

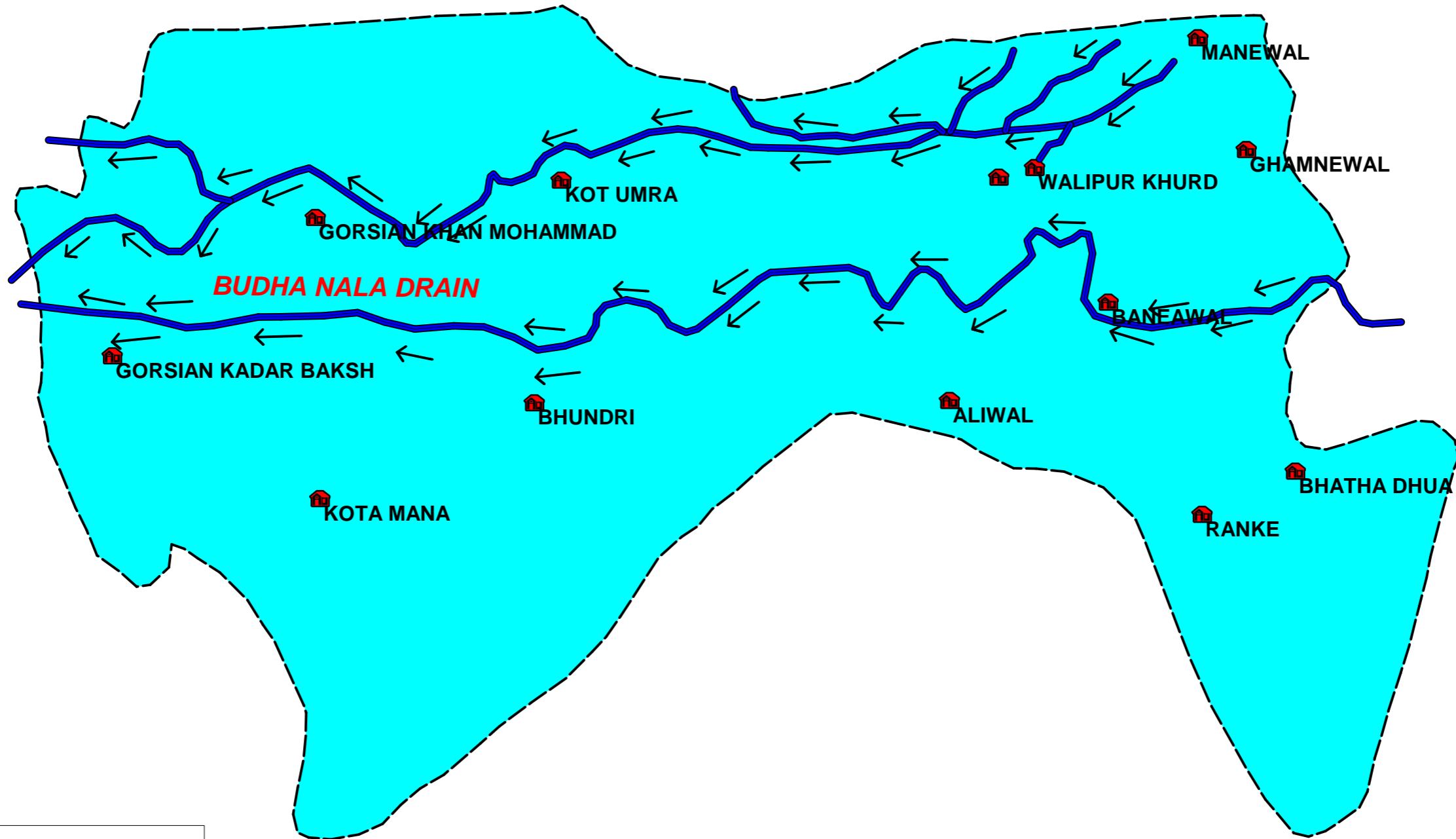
- SETTLEMENT
- PROJECT AREA
- VILLAGE BOUNDARY
- HADBUST NUMBER

INTEGRATED WATERSHED MANAGEMENT PROGRAMME





PROJECT: LUDHIANA-IWMP-2/10-11
BLOCK: SIDHWAN BET, DISTRICT: LUDHIANA
MICRO WATERSHED CODES: 1A1B4u1, 1A1B4u2, 1A1B4u3,
1A1B4u5, 1A1B4u6, 1A1B4s5, 1A1B4s6, 1A1B4s7, 1A1B4t4
EFFECTIVE AREA :2453 HA
(SCALE:1:50,000)



DRAINAGE MAP



LEGEND

-  DRAINAGE
-  DRAINAGE DIRECTION
-  SETTLEMENT
-  PROJECT AREA

INTEGRATED WATERSHED MANAGEMENT PROGRAMME





PROJECT: LUDHIANA-IWMP-2/10-11
 BLOCK: SIDHWAN BET, DISTRICT: LUDHIANA
 MICRO WATERSHED CODES: 1A1B4u1, 1A1B4u2, 1A1B4u3,
 1A1B4u5, 1A1B4u6, 1A1B4s5, 1A1B4s6, 1A1B4s7, 1A1B4t4
 EFFECTIVE AREA : 2453 HA
 (SCALE: 1:50,000)



GROUND WATER QUALITY MAP



LEGEND

-  SETTLEMENT
-  DRAINAGE
-  GOOD
-  MARGINAL SODIC

GROUND WATER QUALITY

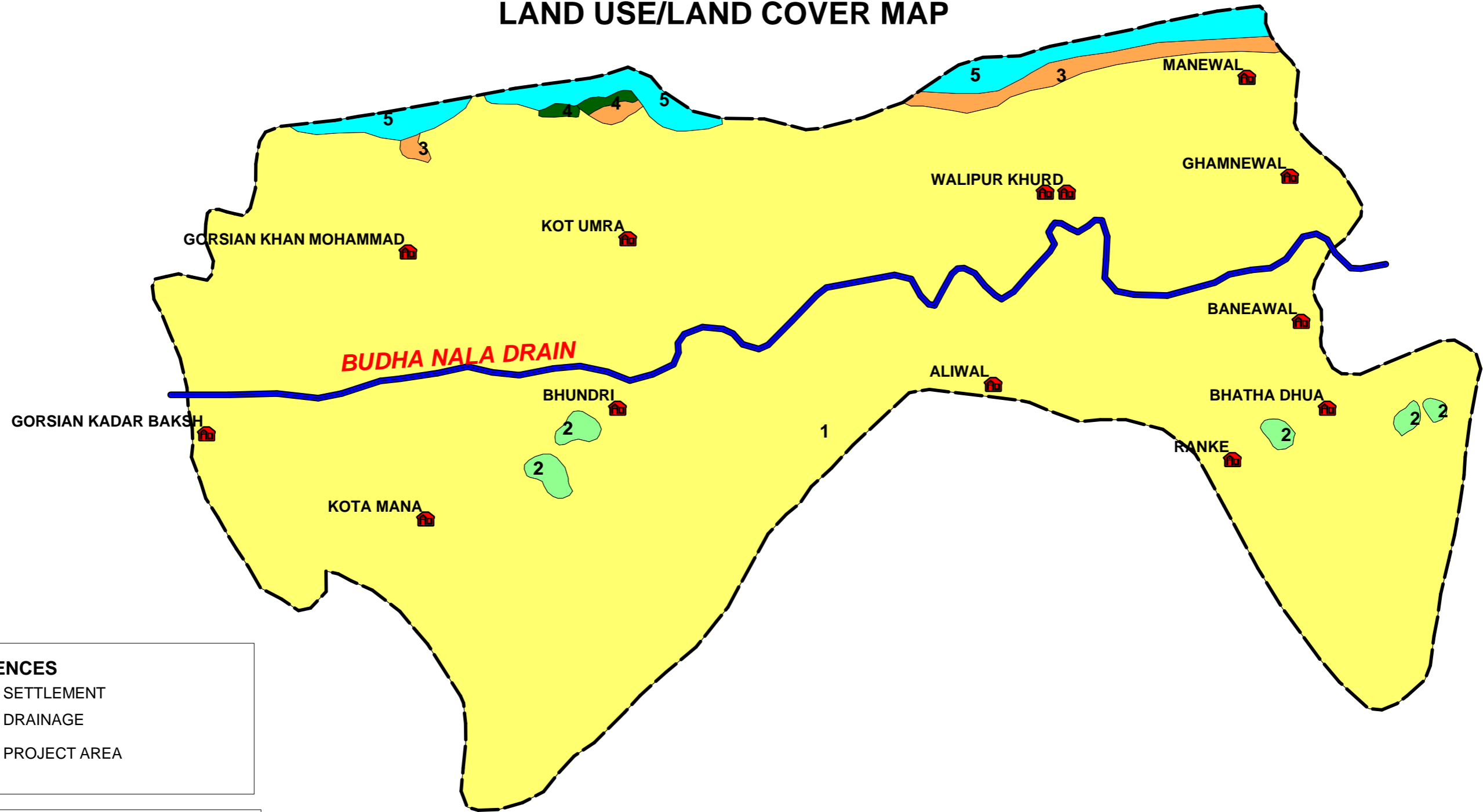
EC (dsm)	RSC (meL)	Notes
<2.0	<2.5	Suitable for all conditions
2.0-4.0	<2.5	Suitable for coarse textured Soils
2.0-4.0	2.5-50	Suitable after mixing with canal water
4.0-6.0	<2.5	Suitable with recommended Gypsum application

INTEGRATED WATERSHED MANAGEMENT PROGRAMME

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MICRO WATERSHED CODES: 1A1B4u1, 1A1B4u2, 1A1B4u3,
1A1B4u5, 1A1B4u6, 1A1B4s5, 1A1B4s6, 1A1B4s7, 1A1B4t4
EFFECTIVE AREA : 2453 HA
(SCALE: 1:50,000)



LAND USE/LAND COVER MAP



REFERENCES

- SETTLEMENT
- DRAINAGE
- PROJECT AREA

LAND USE/LAND COVER

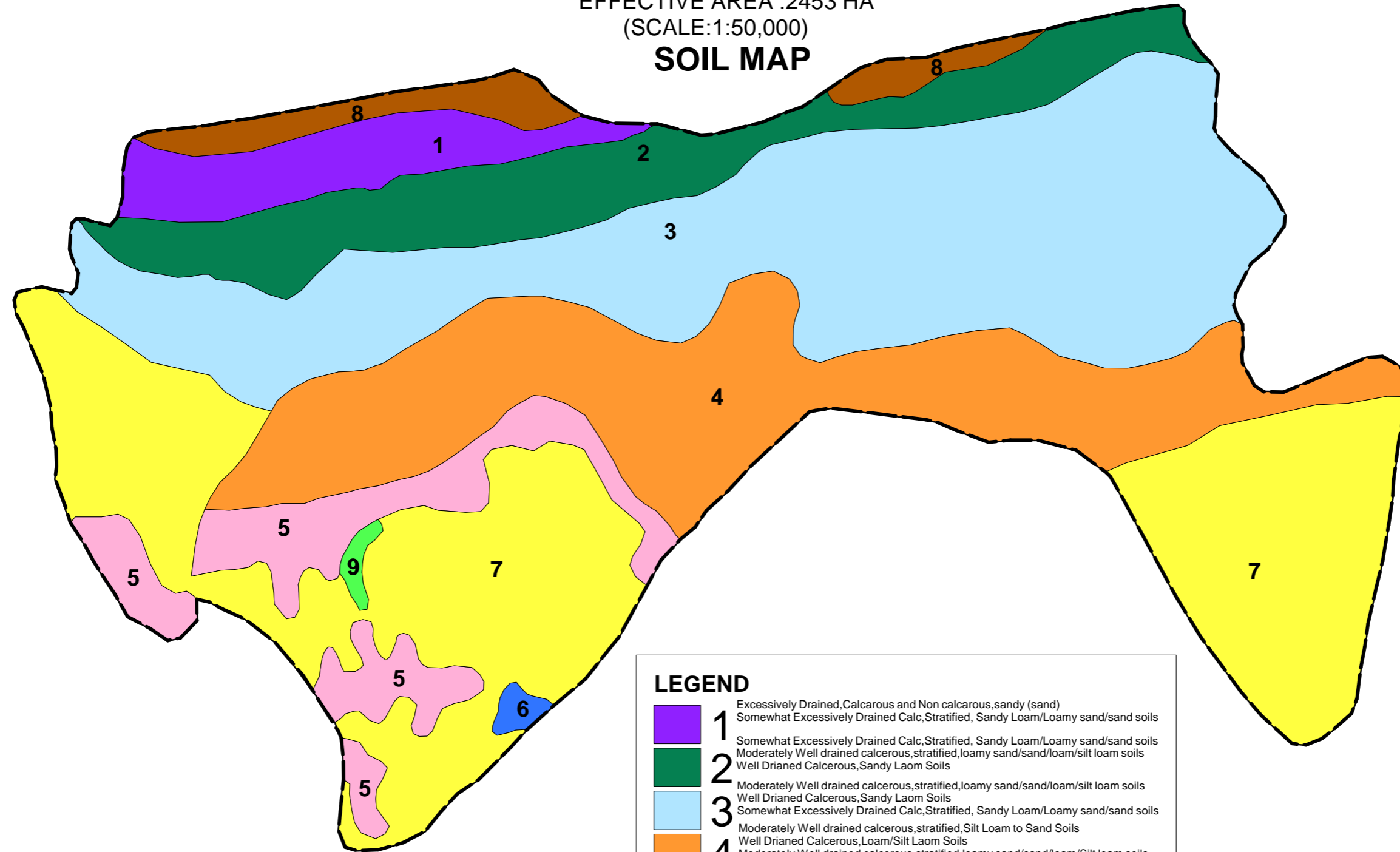
- 1 DOUBLE CROPPED AREA
- 2 PLANTATION
- 3 RIVER SAND
- 4 LAND WITH/WITHOUT SCRUB
- 5 RIVER

INTEGRATED WATERSHED MANAGEMENT PROGRAMME










PROJECT: LUDHIANA-IWMP-2/10-11
 BLOCK:SIDHWAN BET, DISTRICT: LUDHIANA
 MICRO WATERSHED CODES:1A1B4u1, 1A1B4u2, 1A1B4u3,
 1A1B4u5, 1A1B4u6, 1A1B4s5, 1A1B4s6, 1A1B4s7, 1A1B4t4
 EFFECTIVE AREA :2453 HA
 (SCALE:1:50,000)



SOIL MAP



LEGEND

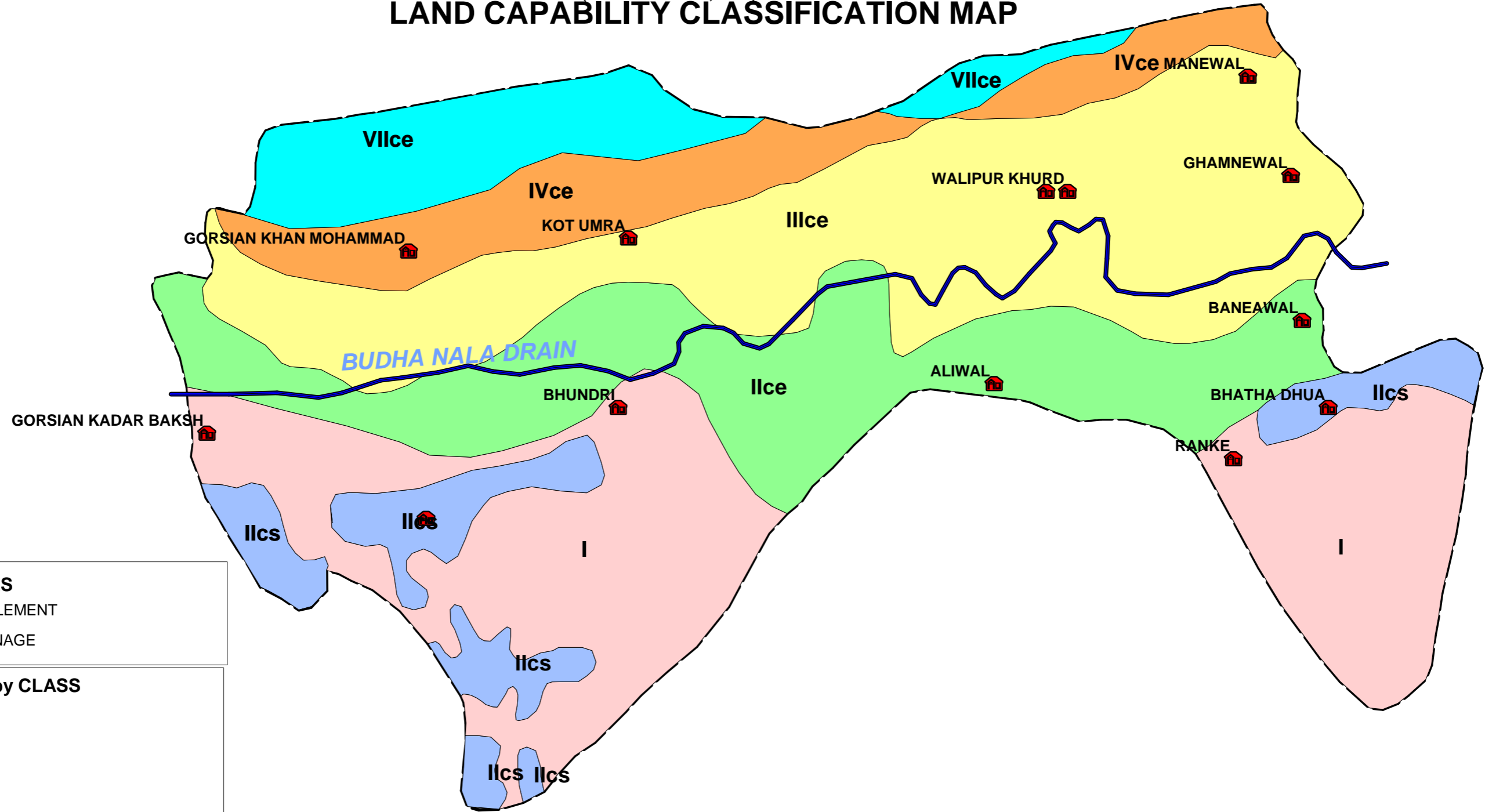
- | | | |
|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | 1 | Excessively Drained, Calcerous and Non calcerous, sandy (sand)
Somewhat Excessively Drained Calc, Stratified, Sandy Loam/Loamy sand/sand soils |
|  | 2 | Somewhat Excessively Drained Calc, Stratified, Sandy Loam/Loamy sand/sand soils
Moderately Well drained calcerous, stratified, loamy sand/sand/loam/silt loam soils
Well Drianed Calcerous, Sandy Laom Soils |
|  | 3 | Moderately Well drained calcerous, stratified, loamy sand/sand/loam/silt loam soils
Well Drianed Calcerous, Sandy Laom Soils
Somewhat Excessively Drained Calc, Stratified, Sandy Loam/Loamy sand/sand soils |
|  | 4 | Moderately Well drained calcerous, stratified, Silt Loam to Sand Soils
Well Drianed Calcerous, Loam/Silt Laom Soils
Moderately Well drained calcerous, stratified, loamy sand/sand/loam/Silt loam soils |
|  | 5 | Somewhat Excessively Drained Calcerous & Non-Calcerous Loamy sand soils
Well Drianed Calcerous, Sandy Laom Soils |
|  | 6 | Well Drianed Calcerous, Sandy Laom Soils
Well Drianed Calcerous, Loam/Silt Laom Soils
Somewhat Excessively Drained Calcerous Loamy sand soils |
|  | 7 | Well Drianed Calcerous, Loam/Silt Laom Soils
Well Drianed Calcerous, Sandy Laom Soils
Moderately Well drained Calcerous Clay Loam/silty Clay loam soils |
|  | 8 | Well Drianed Calcerous, Loam/Silt Laom Soils
Well Drianed Calcerous, Sandy Laom Soils
Moderately Well drained Calcerous Clay Loam/silty Clay loam soils |
|  | 9 | Moderately Well drained calcerous, Loam/silty Clay Loam Soils with Saline Phase
Moderately Well drained calcerous Clay Loam/silty Clay loam soils with Saline Phase
Somewhat Excessively Drained Calcerous & Non-Calcerous Loamy sand soils
Excessively Drained, Calcerous and Non calcerous, sandy (sand) Soils |

INTEGRATED WATERSHED MANAGEMENT PROGRAMME

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 1A1B4u5, 1A1B4u6, 1A1B4s5, 1A1B4s6, 1A1B4s7, 1A1B4t4
 EFFECTIVE AREA :2453 HA
 (SCALE:1:50,000)



LAND CAPABILITY CLASSIFICATION MAP



REFERENCES

- SETTLEMENT
- DRAINAGE

LAND_CAP by CLASS

- I
- IIce
- IIcs
- IIIce
- IVce
- VIIce

REFERENCES

- s- Root Zone Limitation
- e-Erosion and run off
- w-Wetness
- c- climate limitations