

MICROPLAN FOR LOHARLARI

OBJECTIVE

To maximise the forest ecosystem service values being derived from **P71P Nanahar**, **P14P Kandbari C3** and **UP25P Kandbari** forests and to incorporate the forest ecosystem services into the forest management.

PLAN FOCUS

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| 1. Improve the water flow in Jar Nala. | |
| 2. Improvement in fodder and fuelwood availability. | |
| 3. Soil Conservation | |



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|---------|---|
| 1,2,3,4 | FES ZONE NUMBERS |
| | FODDER |
| | WATER |
| | GRAZING |
| | POND |
| | CHECK DAM |
| | CONTOUR TRNECHES |
| | WATER INFILTRATION MEASURES |
| | FODDER LOPPING BY PEOPLE OF NANAHAR AND BARI KHAS |
| | FODDER LOPPING BY PEOPLE OF GONTH |
| | KHIRAK |
| | ROBINIA |
| | BAN OAK |
| | BARBED WIRE FENCING |

ZONE WISE MANAGEMENT

2 P14P KANDBARI C3a

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|---|
| | Ban Oak Robinia Khirak Barbed wire fencing |

3 P14P KANDBARI C3b

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|---|
| | Rotational lopping of fodder (Community intervention) |

5 P14P KANDBARI C3c

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|----------------------------|
| | Ban Oak Robinia Khirak |

6 P71P NANAHAR

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|---------------------|
| | Ban Oak Robinia |

9 UP25P KANDBARI

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|----------------------------|
| | Ban Oak Robinia Khirak |

1 P14P KANDBARI C3c

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|--|
| | Broad leaved species plan- measures tation Water infiltration |
| | Contour trenches to increase water infiltration |
| | Desilting of ponds for improved water infiltration |

2,3,4 P71P NANAHAR

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|---|
| | Broad leaved species planta- tion and water infiltration meth- ods for increase in stream water |

5 P14P KANDBARI C3B

| FOREST ECOSYSTEM SERVICE | INTERVENTION |
|--------------------------|---|
| | Broad leaved species and water infiltra- tion methods |
| | Dry masonry check walls along Jar Nala |
| | Check dams in cement and mortar along Jar Nala |

MONITORING AND EVALUATION

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|---|---|---|---|
| Increase of water flow in streams | Check the water flow in Jar Nala during all seasons. Silt measurement in streams during rainy season | Increase in fodder/fuel from twigs | Enrichment plantation of broad leaved species yielding fodder and grass |
| Rotational fodder management system | Stopping ad hoc lopping in the area Improvement in crown cover of forest trees | DISCLAIMER: The map above is only for marking the forest boundaries and not for any legal purpose. | |