

Table 3. Soil profile physical properties in *Chauka* system Lapodiya

| Depth (cm) | Sand (%) | Silt (%) | Clay (%) | Bulk density (g/cm ³) | Soil type |
|------------|----------|----------|----------|-----------------------------------|------------|
| 0-60 cm | 43.107 | 50.325 | 6.567 | 1.78 | Silt Loam |
| 60-100 cm | 52.87 | 41.30 | 5.82 | 1.89 | Sandy Loam |