|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Parameter | Principal Components | | | Rotated Components | | |
| PC1 | PC2 | PC3 | RC1 | RC2 | RC3 |
| Sand | **-0.71** | 0.62 | -0.32 | -0.29 | **-0.93** | -0.22 |
| Silt | **-0.94** | -0.09 | 0.33 | **-0.88** | -0.16 | -0.44 |
| Clay | **0.97** | -0.12 | -0.21 | **0.83** | 0.39 | 0.40 |
| SOC | **0.87** | 0.37 | 0.29 | 0.37 | 0.19 | **0.90** |
| CEC | **0.95** | -0.12 | -0.21 | **0.81** | 0.39 | 0.39 |
| Total Nitrogen | **0.91** | 0.29 | 0.25 | 0.43 | 0.25 | **0.85** |
| Total Initial Eigenvalues | 4.82 | 0.647 | 0.44 | 2.53 | 1.30 | 2.08 |
| Percent variance of initial eigenvalues | 80.31 | 10.79 | 7.39 | 42.1 | 21.7 | 34.7 |
| Cumulative percent of initial eigenvalues | 80.31 | 91.1 | 98.49 | 42.1 | 76.8 | 98.5 |