**Table 2** Variation of fluoride concentration (mg/l) in drinking water draining the Birimian rocks in Upper East region of Ghana

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Geology** | n | Minimum | Mean | Maximum | **% > Accepted Value** |
| Bongo & Tongo Granite | 46 | 0.09 | 1.88 | 4.4 | 54 |
| Sekoti Granodiorite | 8 | 0.86 | 1.56 | 3.2 | 38 |
| Irimian granodiorite, adamellite and gneiss | 85 | 0.15 | 0.72 | 3.6 | 13 |
| Birimian greenstone (metavolcanic and metasediments) | 46 | 0.13 | 0.55 | 3.6 | 9 |

Source: Apambire et al.,