



Correction to: Illite crystallinity index from the Mesoproterozoic sedimentary cover of the Kaladgi basin, southwestern India: Implications on crustal depths of subsidence and deformation

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In the original version of this article, figure 2 and table 3 were incorrectly represented. The corrected figure 2 and table 3 are given below.

The original article has been corrected.

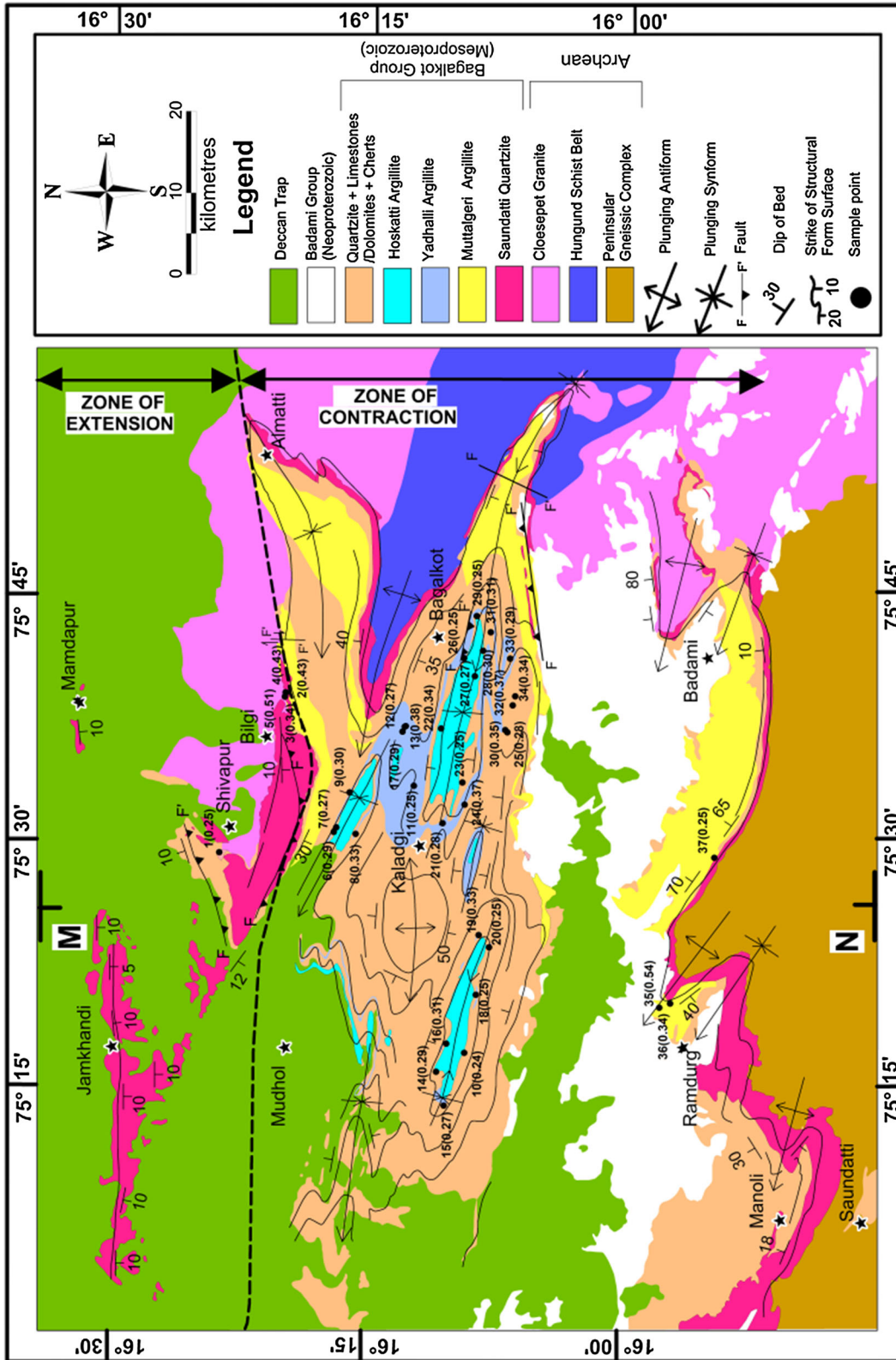


Figure 2. Geological map of the study area showing major structural elements and their distributions. The northern and south-central sectors shown in figure 1 are characterized by association and interrelationship of structural elements that define an extensional and contractional zone, respectively (for details, see text). Location of sample points (filled circles) for this work is also indicated. Against each sample point, number without parenthesis indicates sample number and number within parenthesis denotes illite crystallinity (IC) index value. Refer to table 3 for details.

Table 3. Measured FWHM, calibrated FWHM (IC_{CIS}) using CIS of Warr and Rice (1994) (table 2 of this work) and Kubler equivalent FWHM (IC_{Kubler}) of the 10-Å basal reflection of the illite-muscovite in XRD analysis of the argillites Kaladgi basin.

| Sample no. | Sample code | Stratigraphic identity | Northing | Easting | FWHM (measured) | IC_{CIS} | IC_{Kubler} |
|------------|----------------|------------------------|------------|----------|-----------------|------------|---------------|
| 1# | 22D/7 (2014) | Saundatti Quartzite | 16.3936111 | 75.48639 | 0.1973667 | 0.28 | 0.25 |
| 2* | 13JN/7 (2011) | Muttalgeri Argillite | 16.3286111 | 75.64917 | 0.307 | 0.51 | 0.43 |
| 3* | 9OC/1 (2013) | Saundatti Quartzite | 16.3294444 | 75.64472 | 0.24 | 0.40 | 0.34 |
| 4* | 13JN/5 (2011) | Muttalgeri Argillite | 16.3286111 | 75.64889 | 0.3053 | 0.51 | 0.43 |
| 5* | 13JN/6 (2011) | Muttalgeri Argillite | 16.3283333 | 75.64861 | 0.36 | 0.60 | 0.51 |
| 6* | 7OC/8 (2013) | Yadhalli Argillite | 16.2816667 | 75.50694 | 0.201 | 0.33 | 0.29 |
| 7* | 7OC/4 (2013) | Hoskatti Argillite | 16.2791667 | 75.51167 | 0.1877 | 0.31 | 0.27 |
| 8* | 15D/4 (2013) | Yadhalli Argillite | 16.2602778 | 75.505 | 0.2301 | 0.38 | 0.33 |
| 9* | 14D/1 (2013) | Yadhalli Argillite | 16.2661111 | 75.54722 | 0.2093 | 0.35 | 0.30 |
| 10* | 31J/4 (2014) | Hoskatti Argillite | 16.1541667 | 75.28194 | 0.1605 | 0.27 | 0.24 |
| 11# | 14J/4 (2015) | Yadhalli Argillite | 16.2033333 | 75.55389 | 0.1985667 | 0.29 | 0.25 |
| 12* | 3J/2 (2013) | Yadhalli Argillite | 16.2122222 | 75.61417 | 0.1878 | 0.31 | 0.27 |
| 13* | 4M/5 (2011) | Yadhalli Argillite | 16.2111111 | 75.61472 | 0.269 | 0.45 | 0.38 |
| 14* | 21D/7 (2013) | Hoskatti Argillite | 16.1816667 | 75.26278 | 0.2001 | 0.33 | 0.29 |
| 15* | 23D/3 (2013) | Yadhalli Argillite | 16.1741667 | 75.22833 | 0.1847 | 0.31 | 0.27 |
| 16* | 26J/9 (2014) | Hoskatti Argillite | 16.1716667 | 75.29139 | 0.2167 | 0.36 | 0.31 |
| 17* | 3J/4 (2013) | Yadhalli Argillite | 16.2144444 | 75.60917 | 0.2042 | 0.34 | 0.29 |
| 18* | 17D/4 (2013) | Yadhalli Argillite | 16.1427778 | 75.34111 | 0.1728 | 0.29 | 0.25 |
| 19* | 6OC/7 (2013) | Yadhalli Argillite | 16.14 | 75.40194 | 0.2275 | 0.38 | 0.33 |
| 20* | 20D/3 (2013) | Yadhalli Argillite | 16.1297222 | 75.38944 | 0.1713 | 0.28 | 0.25 |
| 21* | 19JN/5 (2011) | Yadhalli Argillite | 16.1752778 | 75.51583 | 0.1909 | 0.32 | 0.28 |
| 22* | 3J/1 (2013) | Hoskatti Argillite | 16.1766667 | 75.61222 | 0.24 | 0.40 | 0.34 |
| 23* | 17JN/3 (2012) | Yadhalli Argillite | 16.1558333 | 75.55722 | 0.1701 | 0.28 | 0.25 |
| 24* | 5J/6 (2013) | Yadhalli Argillite | 16.1536111 | 75.53472 | 0.259 | 0.43 | 0.37 |
| 25* | 5J/4B (2013) | Yadhalli Argillite | 16.1119444 | 75.60833 | 0.1953 | 0.32 | 0.28 |
| 26* | 3M/7 (2011) | Yadhalli Argillite | 16.1541667 | 75.68389 | 0.1678 | 0.28 | 0.25 |
| 27* | 5M/8 (2011) | Hoskatti Argillite | 16.1436111 | 75.66556 | 0.1894 | 0.31 | 0.27 |
| 28* | 5M/7 (2011) | Hoskatti Argillite | 16.1355556 | 75.69139 | 0.2118 | 0.35 | 0.30 |
| 29* | 2J/3 (2011) | Hoskatti Argillite | 16.1416667 | 75.72667 | 0.1761 | 0.29 | 0.25 |
| 30* | 5J/3 (2013) | Yadhalli Argillite | 16.1138889 | 75.61056 | 0.2416 | 0.40 | 0.35 |
| 31* | 28F/5 (2011) | Hoskatti Argillite | 16.1280556 | 75.71028 | 0.2161 | 0.36 | 0.31 |
| 32* | 5OC/6 | Yadhalli Argillite | 16.1066667 | 75.63583 | 0.2602 | 0.43 | 0.37 |
| 33* | 13JN/3 (2012) | Hoskatti Argillite | 16.1091667 | 75.68333 | 0.2042 | 0.34 | 0.29 |
| 34* | 15JN/2 | Yadhalli Argillite | 16.1041667 | 75.645 | 0.24 | 0.40 | 0.34 |
| 35# | 23D/1 (2014) | Muttalgeri Argillite | 15.9658333 | 75.3292 | 0.507933 | 0.64 | 0.54 |
| 36# | 23D/3 (2014) | Muttalgeri Argillite | 15.9525 | 75.34194 | 0.2888 | 0.39 | 0.34 |
| 37# | 13JN/3A (2015) | Muttalgeri Argillite | 15.9094444 | 75.48056 | 0.20303 | 0.29 | 0.25 |

#Batch-1 samples: calibration equation is $IC_{CIS} = 1.16 \times IC_{measured} + 0.0559$ ($R^2 = 0.984$).

*Batch-2 samples: calibration equation is $IC_{CIS} = 1.664 \times IC_{measured} - 0.0001$ ($R^2 = 0.951$).