(a) Sample 23-1F (Manganiferous quartzite)

(b) Zircon (sample 23-1F)

- Metamorphic (n = 15)
- Detrital (n = 5)
- High discordance (>15%; n = 9)

207Pb/206Pb vs. 238U/206Pb diagram:

- Weighted mean 206Pb/238U age (2σ) = 506 ± 4 Ma (n = 15; MSWD = 1.13)