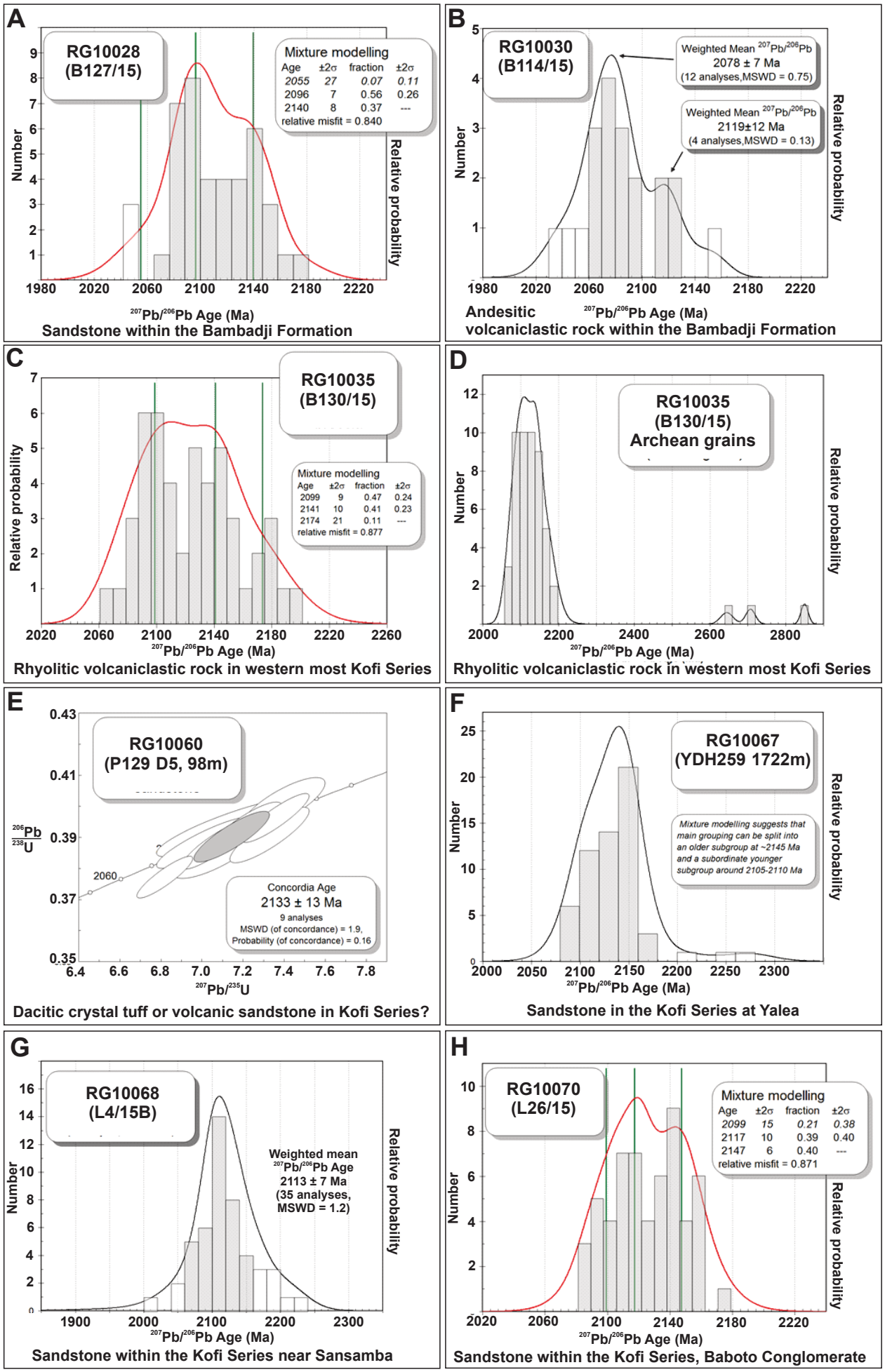
A
RG10028
(B127/15)
Mixture modelling
Age ±2σ fraction ±2σ
2055 27 0.07 0.11
2096 7 0.56 0.26
2140 8 0.37 ---
relative misfit = 0.840
Number
Relative probability
207Pb/206Pb Age (Ma)
Sandstone within the Bambadji Formation
B
RG10030
(B114/15)
Weighted Mean 207Pb/206Pb
2078 ± 7 Ma
(12 analyses,MSWD = 0.75)
Weighted Mean 207Pb/206Pb
2119±12 Ma
(4 analyses,MSWD = 0.13)
Number
Relative probability
207Pb/206Pb Age (Ma)
Andesitic volcaniclastic rock within the Bambadji Formation
C
RG10035
(B130/15)
Mixture modelling
Age ±2σ fraction ±2σ
2099 9 0.47 0.24
2141 10 0.41 0.23
2174 21 0.11 ---
relative misfit = 0.877
Relative probability
207Pb/206Pb Age (Ma)
Rhyolitic volcaniclastic rock in western most Kofi Series
D
RG10035
(B130/15)
Archean grains
Number
Relative probability
207Pb/206Pb Age (Ma)
Rhyolitic volcaniclastic rock in western most Kofi Series
E
RG10060
(P129 D5, 98m)
Concordia Age
2133 ± 13 Ma
9 analyses
MSWD (of concordance) = 1.9,
Probability (of concordance) = 0.16
2060
206Pb/238U
207Pb/235U
Dacitic crystal tuff or volcanic sandstone in Kofi Series?
F
RG10067
(YDH259 1722m)
Mixture modelling suggests that main grouping can be split into an older subgroup at ~2145 Ma and a subordinate younger subgroup around 2105-2110 Ma
Number
Relative probability
207Pb/206Pb Age (Ma)
Sandstone in the Kofi Series at Yalea
G
RG10068
(L4/15B)
Weighted mean
207Pb/206Pb Age
2113 ± 7 Ma
(35 analyses,
MSWD = 1.2)
Number
Relative probability
207Pb/206Pb Age (Ma)
Sandstone within the Kofi Series near Sansamba
H
RG10070
(L26/15)
Mixture modelling
Age ±2σ fraction ±2σ
2099 15 0.21 0.38
2117 10 0.39 0.40
2147 6 0.40 ---
relative misfit = 0.871
Number
Relative probability
207Pb/206Pb Age (Ma)
Sandstone within the Kofi Series, Baboto Conglomerate

Figure S1