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| Number in Figure 2 | Formation | Section | Age Ma | Method | Autor |
| 1 | Lumbrera | Tres Cruces | 47,7 ± 7 | U/Pb age in calcite in pedogenic carbonate nodule | DeCelles et al. (2011) |
| 2 | Lumbrera | Monte Nieva | 40,6 ± 0.3 | Maximum age based on detritic zircon U/Pb age | DeCelles et al. (2011) |
| 3 | Lumbrera | El Simbolar | 39,9 ± 0.4 | U/Pb zircon age on tuff sample | del Papa et al. 2010 |
| 4 | Los Colorados | Angastaco | 37,6 ±1,2 | Maximum age based on detrital apatite fission track | Carrapa et al. (2011) |
| 5 | Los Colorados | Pucará | 37,6 ±1,2 | Maximum age based on detrital apatite fission track | Carrapa et al. (2011, 2012) |
| 6 | Los Colorados | Monte Nieva | 28,7 ±1.8 | Maximum age based on detrital apatite fission track | DeCelles et al. (2011) |
| 7 | Angastaco | Montenieva | 17.32 ± 0.17 | U-Pb zircon geochronological | Payrola et al. (2020) |
| 8 | Angastaco | Tonco Valley | 17.46 ± 0.08 | U-Pb zircon geochronological | Payrola et al. (2020) |
| 9 | Angastaco | Tonco Valley | 8.13 ± 0.05 | U-Pb zircon geochronological | Payrola et al. (2020) |
| 10 | Angastaco | Tonco | 13.7 ± 0.1 | U/Pb zircon age on tuff sample | Galli et al. (2014) |
| 11 | Angastaco | Amblayo | 13.7 ± 0.1 | U/Pb zircon age on tuff sample | Galli et al. (2014) |
| 12 | Angastaco | Calchaquí river | 13.6 ± 0.1 | U/Pb zircon age on tuff sample | Galli et al. (2014) |
| 13 | Angastaco | Corte El Cañon | 13.4 ± 0.4 | Ar/Ar age on tuff sample | Grier and Dallmeyer (1990) |
| 14 | Metán Supgroup base | Metán river | ~ 17.3 | Paleomagnetism | Reynolds et al. (2000), Galli et al. (2017) |
| 15 | Metán Soupgroup base | Arroyo González | ~ 15.1 | Paleomagnetism | Reynolds et al. 2000, Galli et al. 2017 |
| 16 | Metán Supgroup base | Piedras river | ~ 13.1 | Paleomagnetism | Reynolds et al. (2000), Galli et al. (1996, 2017) |
| 17 | Metán Supgroup top | Metán river | ~ 13.5 | Paleomagnetism | Reynolds et al. (2000), Galli et al. (2017) |
| 18 | Metán Supgroup top | Piedras river | ~ 13.1 | Paleomagnetism | Reynolds et al. 2000, Galli et al. (1996, 2017) |
| 19 | Metán Supgroup top | Arroyo González | ~ 9.7 | Paleomagnetism | Reynolds et al. (2000) |
| 20 | Anta | El Guayacán | 14.5 ± 1.4 | Zircon fission‐track on tuff sample | Reynolds et al. (2000) |
| 21 | Anta | Piedras river | 13.95 ± 0.72 | Ar/Ar | Reynolds et al. (2000) |
| 22 | Anta | González river | 13.2 ± 1.5 | Zircon fission-track age on tuff sample | Reynolds et al. (2000) |
| 23 | Río Grande | Cianzo | 16.34 ± 0.71 | 40Ar/39Ar | Siks and Horton 2011 |
| 24 | Río Grande | Cianzo | 13.89 ± 0.42 | 40Ar/39Ar | Siks and Horton 2011 |
| 25 | Río Grande | Cianzo | 12.76 ± 0.16 | 40Ar/39Ar | Siks and Horton 2011 |
| 26 | Río Grande | Cianzo | 11.35 ± 0.03 | 40Ar/39Ar | Siks and Horton 2011 |
| 27 | Río Grande | Cianzo | 9.69 ± 0.05 | 40Ar/39Ar | Siks and Horton 2011 |
| 28 | Palo Pintado | Quebrada El Estanque | 10.29 ± 0.11 | K/Ar | Galli et al., 2008 |
| 29 | Palo Pintado | Quebrada Tonco | 5.27 ± 0.28 | U/Pb | Coutand et al. 2006 |
| 30 | Palo Pintado | Quebrada Santa Rosa | 5.98 ± 0.32 | U/Pb | Bywater-Reyes et al. 2010 |
| 31 | Palo Pintado | Calchaquí River | ~10 Ma | Paleomagnetism | Galli et al. 2014 |
| 32 | Palo Pintado | Calchaquí River | ~5 Ma | Paleomagnetism | Galli et al. 2014 |
| 33 | Palo Pintado | Tonco Valley | 7.72 ± 0.06 | U-Pb zircon | Payrola et al. 2020 |
| 34 | Palo Pintado | Tonco Valley | 7.73 ± 0.06 | U-Pb zircon | Payrola et al. 2020 |
| 35 | Guanaco base | Río Piedras | ~ 9.4 | Paleomagnetism | Reynolds et al. 2000 |
| 36 | Guanaco base | Arroyo González | ~ 9 | Paleomagnetism | Reynolds et al. 2000 |
| 37 | Guanaco top | Río La Viña | ~ 6 | Paleomagnetism | Reynolds et al. 2000 |
| 38 | Guanaco | Río Yacones | 8.73 ± 0.25 | K/Ar | Viramonte et al. 1994 |
| 39 | Guanaco | Coronel Moldes | 9.31 ± 0.31 |  | Hain et al. 2011 |
| 40 | Guanaco | Río Xibi Xibi | 5.7 ± 0.8 | U/Pb | Villalba Ulberich et al. 2021 |
| 41 | Maimará | Huichaira | 5.8 ± 0.5 | U/Pb | Pingel et al., 2013 |
| 42 | Maimará | Incahuasi | 4.8 ± 0.1 | U/Pb | Pingel et al., 2013 |
| 43 | Maimará | Maimara locality | 5.8 ± 0.5 | Ar/Ar | Galli et al. 2016 |
| 44 | Maimará | Incahuasi | 4.8 ± 0.1 | U/Pb | Pingel et al., 2013 |
| 45 | Maimará | Quitiacara | 5.05 ± 0.14 | U/Pb | Streit et al., 2015 |
| 46 | Base Maimará | Maimara locality | ~7 | Paleomagnetism | Galli et al. 2016 |
| 47 | Top Maimará | Maimara locality | ~ 4.8 | Paleomagnetism | Galli et al. 2016 |
| 48 | San Felipe | Santa Rosa | 5.17 ± 0.23 | U/Pb | Bywater-Reyes et al. |
| 49 | San Felipe | Quebrada Las Viñas | 4.95 ± 0.16 | U/Pb | Bywater-Reyes et al. 2010 |
| 50 | San Felipe | Quebrada Las Viñas | 4.04 +/-0.26 | U/Pb | Bywater-Reyes et al. 2010 |
| 51 | San Felipe | Quebrada Tonco | 3.99 ± 0.15 | U/Pb | Bywater-Reyes et al. 2010 |
| 52 | San Felipe | Quebrada Tonco | 3.28 ± 0.21 | U/Pb | Bywater-Reyes et al. 2010 |
| 53 | Piquete base | Río Metán | ~ 5.1 | Paleomagnetism | Reynolds et al. 2000 |
| 54 | Piquete base | Río Metán | ~ 2 | Paleomagnetism | Reynolds et al. 2000 |
| 55 | Uquía | Incahuasi | 3.52 ± 0.08 | U/Pb | Pingel et al., 2013 |
| 56 | Uquía | Incahuasi | 3.66 ± 0.2 | U/Pb | Pingel et al., 2013 |
| 57 | Uquía | El Rodero | 3.45 ± 0.25 | U/Pb | Galli et al. 2021 |
| 58 | Alonso | El Molino | 0.87 ± 0.03 | U/Pb | Streit et al., 2015 |
| 59 | Alonso | El Molino | 2.21 ± 0.08 | U/Pb | Streit et al., 2015 |
| 60 | Alonso | Alonso locality | 2.11 ± 0.02 | U/Pb | Coira et al. 2022 |

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