

Compilation of U-Pb and Pb-Pb isotopic ages in zircons and baddeleyite for the Statherian magmatism in the São Francisco block

## Southern Espinhaço

Unit	Rock type	Age	Mineral	Method	Reference
Conceição do Mato dentro Suíte	Meta-rhyolite	1711 ± 4	Zircon	U-Pb ID-TIMS	Machado et al., 1989
Conceição do Mato dentro Suíte	Meta-rhyolite	1715 ± 2	Zircon	U-Pb ID-TIMS	Machado et al., 1989
Conceição do Mato dentro Suíte	Meta-rhyolite	1770	Zircon	U-Pb ID-TIMS	Brito Neves et al., 1979
Planalto de Minas rhyolite	Meta-rhyolite	1752 ± 2	Zircon	U-Pb ID-TIMS	Machado et al., 1989
Espinhaço Supergroup/ São João da Chapada Fm.	Meta-volcaniclastic rock	1728 ± 97	Zircon	U-Pb LA-ICPMS	Rodrigues-Silva, 2016
Espinhaço Supergroup/ São João da Chapada Fm.	K-Fe rich metavolcanic rock	1710 ± 12	Zircon	Pb-Pb evaporation	Dossin et al., 1993b; Dussin, T.M., 1994
Espinhaço Supergroup/ São João da Chapada Fm.	K-Fe rich metavolcanic rock	1703 ± 12	Zircon	U-Pb LA-ICPMS	Chemale et al., 2012
Espinhaço Supergroup/ São João da Chapada Fm.	K-Fe rich intrusive rock	1736 ± 36	Zircon	U-Pb LA-ICPMS	Bezerra-Neto, 2016
Espinhaço Supergroup/ Sopa Brumadinho Fm.	K-Fe rich intrusive rock	1747 ± 27	Zircon	U-Pb LA-ICPMS	Rodrigues-Silva, 2016
Espinhaço Supergroup/ Sopa Brumadinho Fm.	K-Fe rich intrusive rock	1700 ± 21	Zircon	U-Pb SHRIMP	Rodrigues-Silva, 2016
Espinhaço Supergroup/ Sopa Brumadinho Fm.	K-Fe rich intrusive rock	1706 ± 3	Zircon	U-Pb LA-ICPMS	Rodrigues-Silva, 2016

## Guanhães Block

Unit	Rock type	Age	Mineral	Method	Reference
Borrachudos Suite - Itauninha pluton	Meta-granite	1770 ± 30	Zircon	U-Pb ID-TIMS	Dossin et al., 2000
Borrachudos Suite - São Félix pluton	Meta-granite	1729 ± 14	Zircon	Pb-Pb evaporation	Dossin et al., 1993b; Dussin, I.A., 1994
Borrachudos Suite - Açucena pluton	Meta-granite	1740 ± 8	Zircon	U-Pb SHRIMP	This study
Borrachudos Suite - Urubu pluton	Meta-granite	1777 ± 30	Zircon	U-Pb ID-TIMS	Fernandes, 2001
Guanhães Group	Amphibolite	1697 ± 10	Zircon	Pb-Pb evaporation	Dussin et al., 2000
Alto Rio Guanahães ortho-amphibolite	Meta-basalt	1725 ± 4	Zircon	U-Pb LA-ICPMS	This study
Alto Rio Guanahães rhyolite	Meta-rhyolite	1748 ± 3	Zircon	U-Pb LA-ICPMS	This study

## Central Espinhaço

Unit	Rock type	Age	Mineral	Method	Reference
Catolé Suite	Meta-granite	1792 ± 7	Zircon	U-Pb LA-ICPMS	Costa, 2013
Espinhaço Supergroup/ Espigão Fm.	Meta-volcanic rock	1758 ± 4	Zircon	U-Pb LA-ICPMS	Costa et al., 2017
Espinhaço Supergroup	Meta-mafic rock	1730 ± 8	Zircon	U-Pb LA-ICPMS	Moreira, 2017

## Northern Espinhaço

Unit	Rock type	Age	Mineral	Method	Reference
São Simão Synthem	Meta-rhyolite	1735 ± 6	Zircon	U-Pb SHRIMP	Danderfer et al., 2009
Algodão Synthem	Meta-volcaniclastic rock	1775 ± 7	Zircon	U-Pb LA-ICPMS	Danderfer et al., 2015
Sapiranga Synthem	Meta-volcanic rock	1740 ± 10	Zircon	U-Pb LA-ICPMS	Danderfer et al., 2015
Lagoa Real Pluton	Granitoid	1724 ± 5	Zircon	U-Pb ID-TIMS	Turpin et al., 1988
Lagoa Real Pluton	Granitoid	1744 ± 2	Zircon	U-Pb ID-TIMS	Pimentel et al., 1994

## Chapada Diamantina

Unit	Rock type	Age	Mineral	Method	Reference
Rio dos Remédios Group	Meta-rhyolite	1748 ± 4	Zircon	U-Pb ID-TIMS	Babinsk et al., 1994
Rio dos Remédios Group	Meta-rhyolite	1752 ± 4	Zircon	U-Pb ID-TIMS	Schobbenhaus et al., 1994

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FIRST LU-HF,  $\Delta 18\text{O}$  AND TRACE ELEMENTS IN ZIRCON SIGNATURES FROM THE STATHERIAN ESPINHAÇO ANOROGENIC PROVINCE (EASTERN BRAZIL): GEOTECTONIC IMPLICATIONS

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**Southern São Francisco craton**

Ibirité Gabbro	Gabbro	1714 ± 5	Baddeleyite	U-Pb ID-TIMS	Silva et al. 1995
Pará de Minas Dyke Swarm	Dolerite	1798 ± 4	Baddeleyite	U-Pb ID-TIMS	Cederberg et al. 2016
Pará de Minas Dyke Swarm	Dolerite	1791 ± 7	Baddeleyite	U-Pb ID-TIMS	Cederberg et al. 2016
Pará de Minas Dyke Swarm	Dolerite	1793 ± 18	Baddeleyite	U-Pb ID-TIMS	Cederberg et al. 2016
Pará de Minas Dyke Swarm	Dolerite	1702 ± 13	Baddeleyite	U-Pb ID-TIMS	Cederberg et al. 2016
Pará de Minas Dyke Swarm	Dolerite	1717 ± 11	Baddeleyite	U-Pb ID-TIMS	Cederberg et al. 2016

**Western São Francisco craton (Araí rift)**

Paraná Suite - Sucuri pluton	Granite	1769 ± 2	Zircon	U-Pb ID-TIMS	Pimentel et al. 1991
Paraná Suite - Soledade pluton	Granite	1767 ± 10	Zircon	U-Pb ID-TIMS	Pimentel et al. 1991
Araí Group	Metarhyolite	1771 ± 2	Zircon	U-Pb ID-TIMS	Pimentel et al. 1991