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PSEUDOSECTION MODELING AND U-Pb GEOCHRONOLOGY ON PIRANGA SCHISTS: ROLE OF BRASILIANO OROGENY IN THE SOUTHEASTERN QUADRILÁTERO FERRÍFERO, MINAS GERAIS, BRAZIL

Yanne da Silva Queiroz; Gláucia Queiroga; Renato de Moraes; Victor Matheus Tavares Fernandes; Edgar Medeiros-Júnior; Hanna Jordt-Evangelista; Bernhard Schulz; Julia Schmiedel; Maximiliano Martins; Marco Paulo de Castro; Cristiano Lana

**Bulk composition for ME04 and ME07 samples used for the pseudosection modeling.**

| <b>Sample</b> | <b>SiO<sub>2</sub></b> | <b>Al<sub>2</sub>O<sub>3</sub></b> | <b>Fe<sub>2</sub>O<sub>3</sub></b> | <b>TiO<sub>2</sub></b> | <b>MnO</b> | <b>MgO</b> | <b>CaO</b> | <b>Na<sub>2</sub>O</b> | <b>K<sub>2</sub>O</b> | <b>P<sub>2</sub>O<sub>5</sub></b> | <b>LOI</b> | <b>Total (%)</b> |
|---------------|------------------------|------------------------------------|------------------------------------|------------------------|------------|------------|------------|------------------------|-----------------------|-----------------------------------|------------|------------------|
| <b>ME04</b>   | 70,150                 | 13,140                             | 5,880                              | 0,663                  | 0,149      | 2,410      | 2,100      | 2,886                  | 1,904                 | 0,129                             | 0,480      | 99,891           |
| <b>ME07</b>   | 65,370                 | 12,470                             | 11,580                             | 0,763                  | 0,052      | 4,890      | 1,000      | 1,151                  | 1,316                 | 0,080                             | 1,590      | 100,262          |