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METAMORPHIC MODELING AND PETROCHRONOLOGY OF METAPELITIC ROCKS FROM THE LUMINÁRIAS NAPPE, SOUTHERN BRASÍLIA BELT (SE BRAZIL)

Regiane Andrade Fumes; George Luiz Luvizotto; Renato Moraes; Monica Heilbron; Silvio Roberto Farias Vlach

Supplementary table 1: Location of all studied samples with mineral assemblages in the schist samples. Coordinates are in UTM (Zone 23K, W Abbreviations according to Kretz, 1983.

Outcrop	UTM E	UTM S	Rock name	Mineral assemblage	Sample collected
LR01	511775	7621138	Chlorite bearing muscovite schist	Chl-Ms	No
LR02	512109	7621047	Chlorite bearing muscovite schist	Chl-Ms	No
LR03	513005	7620861	Quartzite	-----	No
LR04	516069	7620512	Chloritoid and kyanite-bearing muscovite schist	Cld-Chl-Ky-Ms	Yes
LR05	516522	7619845	Staurolite and kyanite-bearing chlorite-chloritoid schist	Chl-St-Ky-Ms	Yes
LR06	508950	7620079	Garnet muscovite schist	Ms-Chl-Grt	No
LR07	508446	7619529	Garnet muscovite schist	Ms-Grt	Yes
LR08	507538	7619042	Garnet biotite schist	Grt-Bt-Pl-Chl-Ms	Yes
LR09	507731	7617820	Garnet biotite schist	Grt-Bt-Pl-Chl-Ms	Yes
LR10	513194	7615681	Staurolite and biotite-bearing garnet schist	St-Bt-Grt-Ms	Yes
LR11	514945	7613577	Staurolite bearing garnet-muscovite schist	St-Grt-Ms	Yes
LR12	511845	7608310	Chloritoid and kyanite-bearing muscovite schist	Cld-Chl-Ky-Ms	No
LR13	509086	7610490	Biotite schist	Bt-Ms	Yes
LR14	513380	7621127	Garnet-chlorite bearing muscovite schist	Chl-Grt-Ms	Yes
LR15	513569	7621512	Quartzite	-----	Yes
LR16	513988	7221744	Garnet bearing biotite-muscovite schist	Bt-Grt-Ms	No
LR17	511432	7620562	Garnet biotite schist	Grt-Bt-Pl-Chl-Ms	Yes
LR18	512860	7617620	Chlorite bearing muscovite schist	Chl-Ms	No
LR19	511818	7617228	chlorite bearing garnet schist	Chl-Grt-Ms	Yes
LR20	511842	7616561	Quartzite	-----	No
LR21	511773	7615507	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	No
LR22	513310	7615351	Quartzite	-----	Yes
LR23	509814	7616281	Muscovite schist	Ms	Yes
LR24	513883	7617650	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	No
LR25	514708	7616027	Quartzite	-----	Yes

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Outcrop	UTM E	UTM S	Rock name	Mineral assemblage	Sample collected
LR26	514532	7616241	Garnet muscovite schist	Grt-Ms	No
LR27	511532	7609342	Muscovite schist	Ms	Yes
LR28	511085	7609178	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	No
LR29	511053	7610007	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	Yes
LR30	510406	7611675	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	Yes
LR31	510465	7613613	Garnet bearing biotite-muscovite schist	Bt-Grt-Chl-Ms	Yes
LR32	511373	7610413	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	Yes
LR33	511089	7604960	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	Yes
LR34	510804	7604888	Garnet muscovite schist	Grt-Ms	Yes
LR35	509761	7607639	Staurolite bearing garnet-muscovite schist	Grt-St-Ms	Yes
LR36	508391	7599945	Garnet muscovite schist	Grt-Ms	No
LR37	508330	7600168	Kyanite bearing garnet-muscovite schist	Grt-Chl-Ky-Ms	Yes
LR38	506191	7600049	Quartzite	-----	No
LR39	506012	7598967	Garnet muscovite schist	Chl-Grt-Ms	Yes
LR40	505340	7598436	Chlorite muscovite schist	Chl-Ms	Yes
LR41	504549	7597535	Kyanite-bearing garnet-staurolite schist	Grt-Ky-St-Ms	Yes
LR42	504724	7597329	Kyanite-bearing garnet-staurolite schist	Grt-Ky-St-Ms	Yes
LR43	504132	7597465	Kyanite-bearing garnet-staurolite schist	Grt-Ky-St-Ms	Yes
LR44	501284	7593736	Kyanite-bearing garnet-staurolite schist	Grt-Ky-St-Ms	Yes
LR45	501289	7593927	Quartzite	-----	Yes
LR46	498605	7590930	Kyanite-bearing garnet-staurolite schist	Grt-Ky-St-Ms	Yes
LR47	494722	7587334	Kyanite-bearing garnet schist	Grt-Ky-Ms	No
LR48	482021	7579108	Kyanite-bearing garnet schist	Grt-Ky-Ms	Yes
LR49	481480	7579806	Quartzite	-----	No
LR50	511416	7623607	Kyanite-bearing chloritoid-chlorite schist	Chl-Cld-Ky-Ms	Yes
LR51	512060	7623224	Quartzite	-----	No
LR52	510291	7626079	Quartzite	-----	Yes

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Outcrop	UTM E	UTM S	Rock name	Mineral assemblage	Sample collected
LR53	508987	7618214	Garnet biotite schist	Grt-Bt-Pl-Chl-Ms	Yes
LR54	505190	7616186	Garnet biotite schist	Grt-Bt-Pl-Chl-Ms	Yes
LR55	505174	7615680	Quartzite	-----	Yes
LR56	504742	7615340	Kyanite bearing muscovite schist	Ky-Ms	No
LR57	503202	7618015	Kyanite bearing muscovite schist	Ky-Ms	No
LR58	500513	7614160	Chlorite bearing muscovite schist	Chl-Ms	No
LR59	499884	7616156	Muscovite schist	Ms	Yes
LR60	501331	7596795	Biotite schist	Bt-Chl-Pl-Ms	Yes
LR61	501652	7599863	Biotite schist	Bt-Chl-Pl-Ms	Yes
LR62	503265	7607550	Kyanite bearing muscovite schist	Ky-Ms	No
LR63	503980	7606871	Chlorite bearing biotite schist	Bt-Chl-Pl-Ms	Yes
LR64	504661	7607196	Quartzite	-----	Yes
LR65	499711	7595165	Staurolite and kyanite bearing schist	St-Ky-Ms	No
LR66	499465	7595337	Staurolite and kyanite bearing schist	St-Ky-Ms	No
LR67	500345	7597880	Staurolite and kyanite bearing schist	St-Ky-Ms	Yes