Neogene Billa Kalina Basin and Stuart Creek silicified floras, northern South Australia: a reassessment of their stratigraphy, age and environments

R. A. Callen* 16 Argus Court, Beerwah, QLD 4519, Australia *E-mail Roger Callen: callenroger@gmail.com Received 9 October 2019; accepted 6 February 2020 Editorial handling: Brian Jones

SUPPLEMENTARY PAPERS

Australian Journal of Earth Sciences (2020) 67, doi:10.1080/08120099.2020.1736630

Copies of Supplementary Papers may be obtained from the Geological Society of Australia's website (<u>www.gsa.org.au</u>), the Australian Journal of Earth Sciences website (www.ajes.com.au) or from the National Library of Australia's Pandora archive (<u>https://pandora.nla.gov.au/tep/150555</u>).

Supplementary paper

Latitudes and longitudes of sites mentions in the text (from Google Earth) Appendix A: NEO contact aureoles (Excel file) Large versions of Figures 3 and 5.

Latitudes and longitudes (from Google Earth)

	Latitude	Longitude
Significant localities		
Willalinchina Hut	29º 48' 58" S	136º 46' 50" E
Section A	29º 48' 41.5" S	136º 44' 25" E
Blower Waterhole	29º 48' 19" S	136º 51' 22" E
Section B	29º 48' 11.5" S	136º 51' 22" E
Section C	29º 48' 14.5" S	136º 51' 28.5" E
Section D	29º 49' 15.5" S	136º 51' 29.5" E
Section E	29º 50' 45" S	136º 51' 26" E
Section F	29º 48' 54.5" S	136º 56' 31.5" E
Section G	29º 51' 38" S	136º 51' 46" E
Section H	29º 52' 07" S	136º 52' 35" E
Section I	29º 48' 58" S	136º 59' 00.5" E
Section J, Coward Cliff	29º 48' 24.5" S	137º 23' 36.5" E
Billa Kalina Homestead	29º 55' 31" S	136º 11' 15" E
Section K, Millers Creek Plateau	29º 59' 31" S	136º 13' 28" E
Sections L, M, N, Mt Alford	29º 33' 23.5" S	137º 50' 43.5" E
Drill holes		
BMR Muloorina 2 bore	29º 08' 57" S	137º 53' 38" E
BMR Muloorina 2A bore	29º 08' 57" S	137º 53' 38" E
BMR Poole Creek 1, 1A bores	29º 07' 64" S	137º 39' 06" E
BMR Poole Creek 2 bore	29º 07' 54" S	137º 38' 50" E
BMR Poole Creek 3 bore	29º 07' 11" S	137º 38' 15" E
BMR Palankarinna 1 bore	29º 45' 56" S	138º 23' 41" E
BMR Palankarinna 2 bore	29º 45' 50" S	138º 23' 48" E
SADME Lake Eyre 10 bore: not surveyed – see Johns & Ludbrook (1961, figure 2). The		
bore lies at 10 miles from bore 0, which is located in the shore of Level Post Bay, Lake Eyre		
North on the right-hand side of the Goyder Channel, on a bearing of 305° T		
SADME Lake Eyre 8A bore: (not surveyed: located	29º 15' 30" S	137º 35' 00" E
on air photo and calculated from map)		
SADME Wooltana 1 bore	30º 35' 00" S	134º 34' 15" E
Western Mining WWD1 bore	30º 30' 31" S	137º 45' 32.5" E
Other places		
Billa Kalina Homestead	29º 55' 00.5" S	136º 11' 15" E
Eyre' s Lookout	29º 21' 36.5" S	137º 28' 44" E
Mount Eba	30º 03' 38" S	135⁰ 35' 53.5" E
Muloorina Homestead	29º 14' 21.5" S	137º 54' 20" E
Prominent Hill	29º 01' 04" S	137º 05' 16" E
Preston Trig.	30º 31' 48.5" S	135º 29' 17" E
Rb/Sr palygorskite date (approx.)	29º 13' 40.5" S	137º 54' 16.4" E
White Cliff	29º 50' 35.5" S	136º 52' 57" E