

Table 2 Summary of suprasalt sedimentological characteristics, northern margin of Patawarta Diapir

Lithofacies	Lithology	Colour	Bedding	Grain size	Sedimentary structures
5: lower dolomite beds	dolomite, calcareous sandstone	dark grey, tan	2 cm – 1 m	silt, medium sandstone	horizontal to wavy laminae-bedding, diapiric detritus, karst
4: green siltstone member	lime mudstone, silty limestone	green, yellow	1 mm – 8 cm	silt	horizontal laminae-bedding, low-angle crossbeds, symmetrical ripples, diapiric detritus
3: upper limestone member	lime mudstone, silty limestone	blue grey, red, purple	2 mm – 1 m	silt	horizontal laminae-bedding, soft-sediment deformation, stylonondular texture, symmetrical ripples, rip-up clasts
2: middle limestone member	silty limestone, calcareous sandstone	blue, grey, red	3 mm – 1.5 m	silt, medium sandstone	horizontal laminae-bedding, flute casts, hummocky cross-stratification, low-angle crossbeds, asymmetrical and symmetrical ripples, rip-up clasts
1: lower limestone member	lime mudstone, silty limestone	red, purple, green-grey	3 mm – 40 cm	silt, medium sandstone	horizontal laminae-bedding, flute casts, hummocky cross-stratification, low-angle crossbeds, asymmetrical and symmetrical ripples, rip-up clasts, diapiric detritus

Data summarised from Gannaway (2014).