

Table 9.1. *Komatiite flow facies*

Flow facies	Most common lithofacies ^a	Examples ^b
Pyroclastic		
<i>Proximal</i>	Pyroclastic (cg–fg, heterogeneous, often heterolithic)	Koselvaara (ferropicrite), Möykkelmä (komatiitic basalt), Dismal Ashrock (Steep Rock)?
<i>Distal</i>	Pyroclastic (fg tuffaceous)	Upper Onverwacht (Barberton)
Pillow/lobe		
<i>Pillow</i>	Thin massive aphyric, massive porphyritic	<i>High-Mg komatiite</i> : not known <i>Low-Mg komatiite</i> : Belingwe, eastern Munro Twp. <i>Komatiitic basalt</i> : Cape Smith Belt (Chukotat Group), Pontiac Group (Baby Group)
<i>Undifferentiated lobe</i>	Thin massive aphyric, massive porphyritic	Pyke Hill, Belingwe, Kambalda (Tripod Hill member), parts of most komatiite sequences
<i>Differentiated lobe</i>	Spinifex-orthocumulate	
Sheet		
<i>Undifferentiated</i>	Massive aphyric, massive porphyritic, massive ortho-meso- adcumulate, spinifex greatly subordinate or absent	<i>Extrusive</i> : Kambalda (Silver Lake member), Scotia, Spinifex Ridge, Silver Swan
<i>Differentiated</i>	Spinifex-orthocumulate, spinifex-mesocumulate, with or without gabbro	<i>Extrusive</i> : Kambalda (Silver Lake member) <i>Intrusive</i> : Boston Creek, Damba- Silwane <i>Unknown</i> : Kurrajong (Walter Williams)
Channel/conduit/chonolith		
<i>Undifferentiated</i>	Massive mesocumulate or adcumulate	<i>Extrusive</i> : Scotia <i>Invasive</i> : Katinniq, Perseverance? <i>Intrusive</i> : Thompson, Mt Keith, Perseverance?
<i>Differentiated</i>	Spinifex-adcumulate, spinifex-mesocumulate or gabbro-adcumulate	<i>Extrusive</i> : Kambalda (basal host units), Alexo–Dundonald, Shaw Dome, Silver Swan <i>Intrusive</i> : Dumont, Thompson

^a Lithofacies in Table 1.2.^b Locations in Chapter 1.