

**Data Repository Item 2007161**

DR Table 1 Clast types and inferred source lithology recorded in the Loreto basin

<b>Clast type</b>	<b>Description</b>	<b>Source lithology(s)/unit(s)</b>
Mm	Chlorite and epidote rich green clast; or fine-grained, crystalline green clast	Metamorphic
Kg	Granite	Granite
Es	White sandstone, medium grained, often laminated	Eocene Sandstone
Ad	Andesite, sparse plagioclase crystals, medium grained	Footwall Dykes (all sources)
Ab	Green or red fine grained andesite with abundant thin plagioclase lathes (2-5mm long) and rare hornblende	MCM
Adh	Andesite with abundant hornblende lathes	Dykes, MCL, MCM
Vcc	Red-brown sandstone and conglomerate clasts	MCL
Alt	Red altered volcanic clasts	Volcanic and altered flows
Mv	Low density pink, grey volcanic rock with abundant hornblende	Volcanic and altered flows
Lv	Layered volcanic clasts	Volcanic and altered flows
Ti	Coarse-grained white volcanic	Unknown
Sh	Shells	Pliocene reworking
Ukn	Unknown clasts type	Unknown