



SAMPLE NAME	TT4 - TATETSUKI_4 (Okayama University)
INCLUSIONS	
Relative abundance (%)	45%
Dimensions	< 0.7 mm
Grain size distribution	heterogeneous
Shape	Equant (prevalent) and elongated
Roundness	Subangular
Spacing	Single-spaced
Orientation/alignment	Moderate
Mineralogical-petrographic composition (decreasing abundance)	XXX: qz XX: plagioclase and alkali feldspar X: hornblende, biotite-like D: opaque, green amphibole-feldspar aggregate, biotite-like mineral aggregates, titanite-like
Argillaceous inclusions	Chamotte and clay pellets
<i>Chamotte</i> features	
MATRIX	
Relative abundance (%)	50%
Degree of heterogeneity	Moderate
Size of each grain	< 0.1 mm
Microcrystalline calcite	ND
Microcrystalline opaque	Present
Colour of matrix clay	Brown
Dominant interference colour	First order yellow
b-fabric	striated





GLASS (VITRIFIED PORTION)	
Frequency	Rare
Shape	Elongated and irregular
Colour	Colourless – pale brown
VOIDS	
Relative abundance (%)	5%
Shape	Vughs (dominant) and few planar
Size	meso
Degree of alignment of e.v.	Low (the same orientation of the matrix)
Post depositional alterations in voids (secondary calcite)	
ACQUIRED IMAGES	TT4_general_2x_PPL&XPL → general view TT4_general-2_2x_PPL&XPL → general view TT4_detail_4x_PPL&XPL TT4_detail_10x_PPL&XPL → clay pellet
NOTES	Biotite-like similar to TT3 Heterogeneity of the matrix could be caused by the thickness of thin section

