



SAMPLE NAME	TT3 - TATETSUKI_3 (Okayama University)
INCLUSIONS	
Relative abundance (%)	45%
Dimensions	< 0.5 mm
Grain size distribution	Heterogeneous
Shape	Equant (elongated for biotite and amphibole)
Roundness	Sub-angular
Spacing	Single-spaced
Orientation/alignment	Weak (moderate for the elongated inclusions)
Mineralogical-petrographic composition (decreasing abundance)	XXX: qz XX: plagioclase, alkali feldspar X: green amphibole, biotite-like, opaque D: Qz-amphibole-plagioclase granitic rock; green amphibole rich dioritic rock; qz-plagioclase-amphibole-magnetite granitic rock; biotite-like rich of metamorphic rock; biotite like- amphibole-qz granitic aggregate;
Argillaceous inclusions	Clay pellets surrounded by ring voids
<i>Chamotte</i> features	
MATRIX	
Relative abundance (%)	50%
Degree of heterogeneity	moderate
Size of each grain	< 0.1 mm for clay and biotite-qz-feldspar
Microcrystalline calcite	ND
Microcrystalline opaque	present
Colour of matrix clay	brown





Dominant interference colour of clay minerals	First order yellow
b-fabric	Striated (speckled for one side of the sample)
GLASS (VITRIFIED PORTION)	
Frequency	Rare
Shape	Ring and irregular
Colour	Colourless, pale brown
VOIDS	
Relative abundance (%)	5%
Shape	Vughs
Size	Meso
Degree of alignment of e.v.	low
Post depositional alterations in voids (secondary calcite)	
ACQUIRED IMAGES	TT3_general_2x_PPL&XPL → general view TT3_general-2_2x_PPL&XPL → general view
NOTES	From EPMA analyses: the opaque are mainly ilmenite

