

# Feeneys Clay Bodies

## Buff Raku Trachyte

**BRT**

**AR9**

**Bisque: 1000°C Orton Cone 06 - Minimum**

**Firing Range: 1000-1280°C Orton Cone 06 -10**

Buff Raku Trachyte is the CLASSIC FEENEYS Clay. It is a hardy, coarse clay ideally suited for the hand building of large work, slab building and sculpting. It has beautiful strength, plasticity, workability and forgivability for all methods of hand building. It can even be thrown but is very groggy. Fires to a dark speckled mottle at stoneware and under reduction gives dark brown mottle with beautiful iron / trachyte blebs. At earthenware it is a light orange terra cotta colour.

Firing range is 1000 to 1280 and it vitrifies above 1320.

The crude materials are blended, hammer milled, magnetted, sieved then extruded twice through deairing pugmills. They are then sealed airtight in both a thin inner and a thick outer polythene bag, which enables long term storage.

Origin: Made in Queensland with Australian local materials

### Glazes

All standard raku, earthenware, midfire and stoneware glazes can be used with this body.

Clear Glazes: 5223, 5381, 5490, 6250, 4914, 6031 & 6327

### Packaging

Plastic Clay ~12.5 kg packs and ~1-1.25kg samples.

### Technical:

**Bisque:** 1000-1060°C Orton Cone 06-04

**Firing range:** 1000-1280°C Orton Cone 06-9

**Mesh size:** 14 mesh Hammer Milled

**Texture:** Coarse

**% Shrinkage wet to dry:** 3.8%

**% Shrinkage wet to bisque:** 4.4%

**% Shrinkage wet to fired:** 5.8% @ 1080°C

**% Shrinkage wet to fired:** 7.6% @ 1280°C

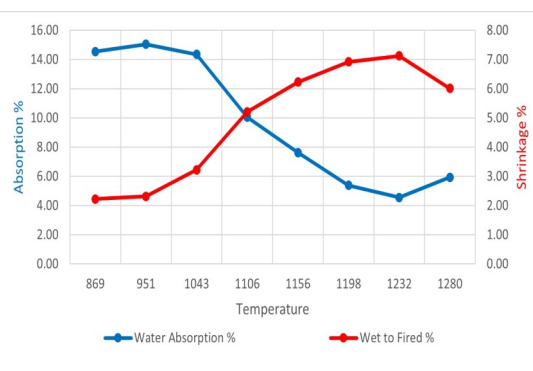
**Absorption:** Bisque = 14.6%

**Vitreous Temperature:** >1320°C Orton Cone 11

**Fired colour (oxidation):** Dark speckled buff mottle

**Fired colour (reduction):** Dark brown mottle with blebs

Typical Chemical Analysis	
SiO <sub>2</sub>	59.88%
Al <sub>2</sub> O <sub>3</sub>	26.52%
TiO <sub>2</sub>	0.85%
Fe <sub>2</sub> O <sub>3</sub>	2.02%
CaO	0.20%
MgO	0.51%
Na <sub>2</sub> O	0.79%
K <sub>2</sub> O	1.92%
MnO <sub>2</sub>	1.01%
L.O.I.	6.30%



1080°C

1240°C

1280°C Oxidation

1280°C Reduction

