

## *Boletus* sp 'Lake Cootharaba'



*Boletus* sp 'Lake Cootharaba' © Pat Leonard

**Cap:** convex; 45 – 55 mm diameter; glabrous, dry; clay pink (8B3, 8C4); margin apediculate.

**Stipe:** tapering; 40 – 45 × 10 – 15mm; glabrous, dry; white.

**Gills:** adnexed, angular; 2 per mm; radially elongated; white to pale buff.

**Flesh:** thick, white, unchanging.

**Smell:** pleasant, a little like *B. edulis*.

**Spore print:** pale buff.

**Spores:** amygdaliform; 5.3 – 6.8 × 3.1 – 4 µm, average 6 ± 0.4 × 3.45 ± 0.3 µm, Q = 1.4 – 1.97, average Q = 1.75 ± 0.14.

**Basidia:** oblong; 30 – 40 × 8 – 11 µm; four spored.

**Cheilocystidia:** not observed.

**Pleurocystidia:** broadly langeniform; 50 – 60 × 9 – 10 µm; with marbled contents.

**Pileipellis:** a cutis of interwoven hyphae with some irregular cells.

**Substrate:** pure sand, beach.

**Habitat:** dry coastal sclerophyll dominated by paperbarks (*Melaleuca*).

**Notes:** keys out close to *Boletus* sp 2, but white stipe, small size and small spores are all distinct.

**Collections** examined: PL 240417, Elanda Point, Great Sandy National Park, 1 Apr 17.