

## *Boletus* sp 'Elanda'



### *Boletus* sp Elanda © Pat Leonard

**Cap:** convex; 45 – 55 mm diameter, glabrous, slightly sticky; coppery, red brown (9E7, 9E8) with darker punctae; margin slightly appendiculate.

**Stipe:** tapering, radicating; 60 – 70 × 12 – 15 mm; glabrous to faintly ribbed; yellow at apex, with a pale section below and lower half beetroot red.

**Pores:** excavated; very small; mustard when fresh, becoming dingy brown.

**Flesh:** yellow brown becoming instantly light blue on cutting with beetroot red in base of stipe.

**Spore print:** not obtained.

**Spores:** mostly fusoid, some amygdaliform ; 9.6 - 13.2 × 4.3 – 6.6 µm, average 11.8 ± 0.9 × 5.25 ± 0.5 µm, Q = 1.75 – 2.75, average Q = 2.26 ± 0.28;

**Basidia:** clavate ; 40 – 50 × 8 – 10 µm ; four spored.

**Cheilocystidia:** not observed

**Pleurocystidia:** langeniform with long pointed apex; 55 – 70 × 10 – 13 µm.

**Pileipellis:** an ixocutis.

**Substrate:** in beach sand on lake shore.

**Habitat:** lake shore with grasses and *Melaleuca*.

**Notes:** close to *Boletus* sp 19 and *Boletus* sp 21 but radicating stipe and greasy cap seem to distinguish this species.

**Collections examined:** PL 540417, Elanda Point, Great Sandy N. P., Pat Leonard, 1 Apr 17.