

**Site:** Love's Farm, St Neot's, Cambridgeshire

**Tooth No.:**

**Species:** Sheep/goat

**Tooth Wear Stage:** G (Grant, 1982) on p4

**Specimen No.:** 5344B

**Illustration No.:** Fig. 7

**State of Preservation:** Good

**Context No:**

**CAVITY** (Abscess Stage, Caries Type, Caries Stage)

**TOOTH WEAR** (Attrition, Bit Wear)

Abnormal wear on p4 which has an angle of approx. 45°, the lowest point being anterior and rising posteriorly.

**ENAMEL HYPOPLASIA** (Type, Severity, Measurement from CEJ to lowest part of line)

**PERIODONTAL DISEASE** (Calculus Stage, Alveolar Recession Stage)

**ABNORMAL TEETH** (Supernumerary teeth, Absent teeth, Tooth Rotation)

Absent M1 with evidence of re-modelling on mandible. Osteoblastic and osteoclastic activity have both taken place, beginning to fill in and smooth out the cavity left by the missing tooth. The tooth has left a gap of approx. 10mm between the p4 and M2 that remain.

**MALOCCLUSION** (Median-P2, Median-P3, Median-P4, Median-M1)

**SUGGESTED DIAGNOSIS:**

Ante-mortem loss of the first permanent molar, which has resulted in the abnormal wear of the fourth premolar. This tooth loss may have been the result periodontal disease or some form of trauma.