

The stability of an area at Parklands, Burnie.

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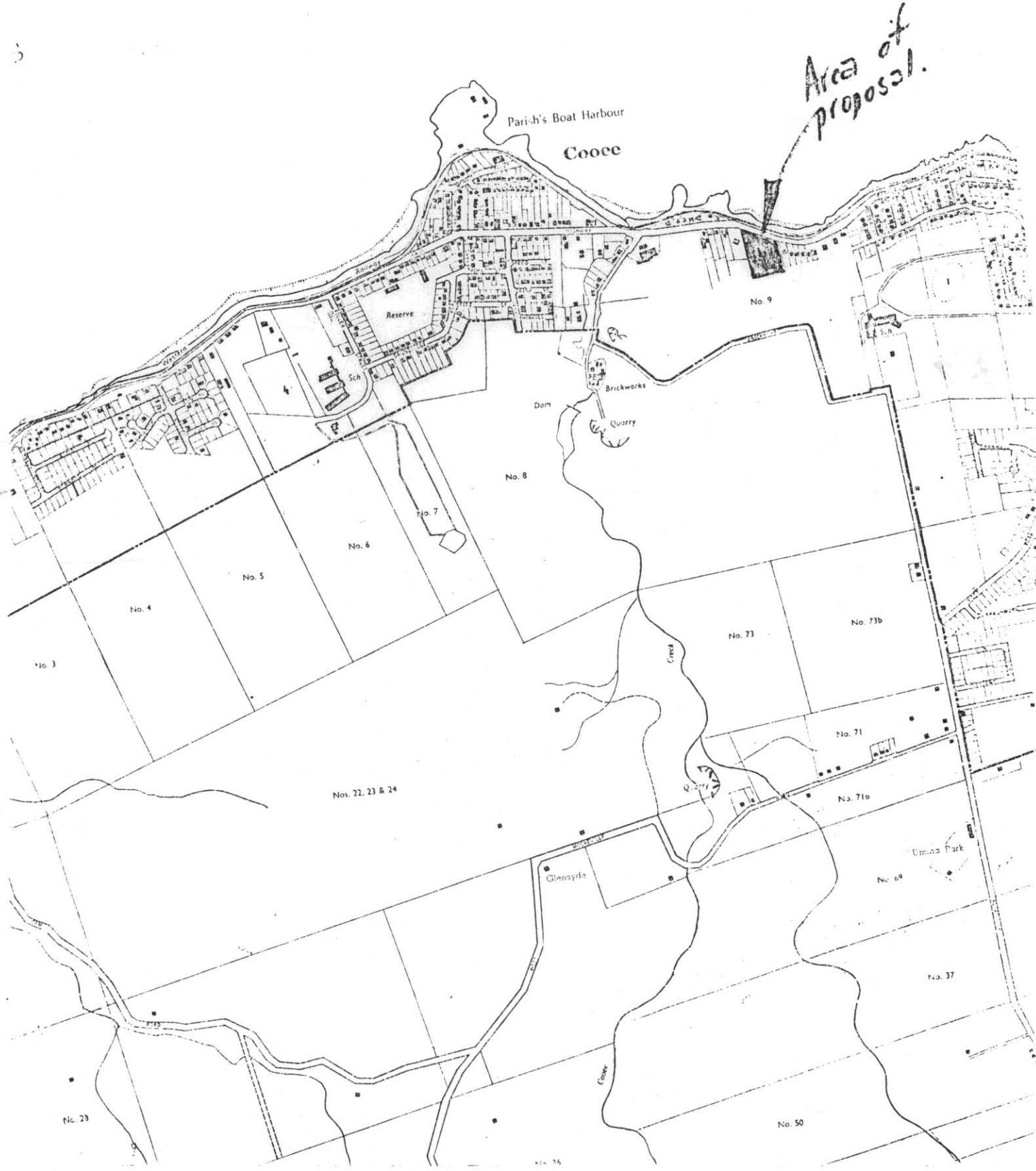
The area was examined at the request of B.S. Banks and Associates of Ulverstone, and is shown on their drawing no. F310.

The southern edge of the area is marked by a steep escarpment rising to over 30 m, but north of this the land slopes at angles of 9 to 12 degrees. A low steep bank crosses the northern part of the area and below this the ground is flat to the Bass Highway.

The escarpment is capped by basalt and the steep slopes are mantled by fallen blocks. This mantle is probably thick as evidenced by the 10-20 m of talus seen on the Brickport Road cutting, but can be regarded as stable if left undisturbed.

The sloping ground consists of clay and boulders overlying hard quartzite and slate. In this material slips are considered unlikely at the prevailing angles of slope, except where the spring in the south-east corner of the area has saturated it. The construction of suitable drainage will remove this hazard.

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5 cm

FIG. 1.

