

R.L.8815

738002

**RELINQUISHMENT REPORT
CORNWALL COAL CO. N.L.
DECEMBER 1995**

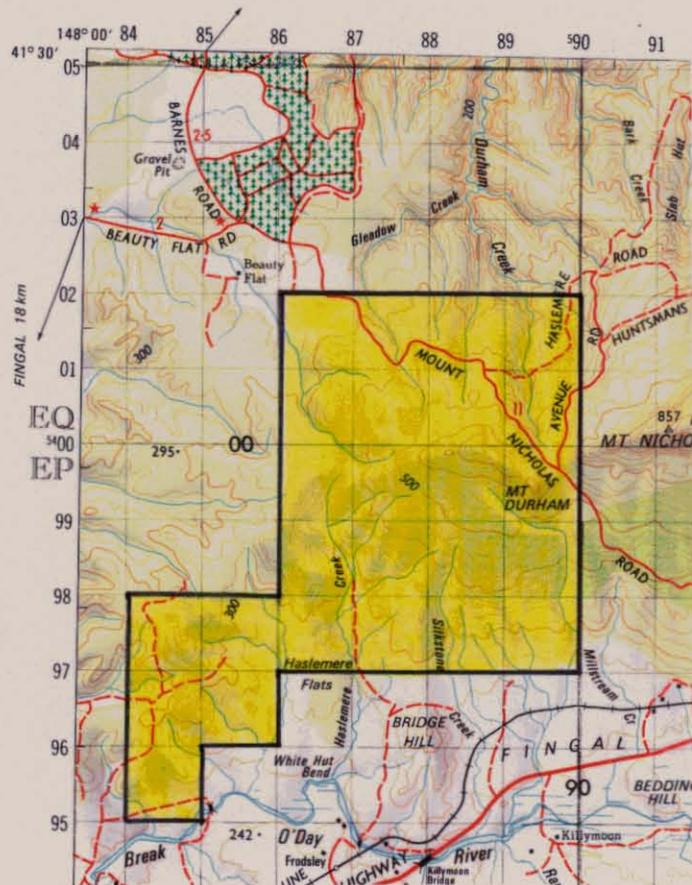
This area is located around Mt. Durham, and is separated from the Nicholas Range by a substantial fault. The extent of the area is shown on Figure 1. The St. Marys 1:50,000 geology sheet shows the basement strata cropping out on the northern, western and southern sides of the area. Mt. Durham is a Jurassic dolerite remnant some 200m thick. While there are a few creeks in which the coal measures crop out most of the area is covered by dolerite scree.

Drilling by the Department of Mines, prior to 1985, in this area involved drill holes D.O.M. 8, 9, 10, 11 and 12. The mineable coal seams that are recognised in the Mt. Nicholas Range, to the east, are generally not present or are much thinner in DOM 9 and DOM 12. DOM 10 was terminated at 43m in dolerite scree.

The eastern part of R.L. 8815 contains coal of mineable thickness and quality in D.O.M.8. Attempts to locate thick coal intervals to the north and south have not so far been successful. The eastern part of R.L.8815 is recommended for retention (Figure A1).

In the western part of R.L.8815 that is being relinquished no drilling or exploration was undertaken by Cornwall Coal, and the drilling by the Mines Department is the only source of data on the coal measures. The St Marys 1:50,000 geology sheet shows the surface geology. The Silkstone Mine, indicated on that map was a short lived operation on a high ash coal seam which had a weak claystone roof.

RETENTION LICENCE
8815
MT DURHAM
TASMANIA
25km²



Scale 1:100,000
(Part of Break O'Day)
1:100,000 Sheet

Location Plan
Figure 1
December 1995

5 cm

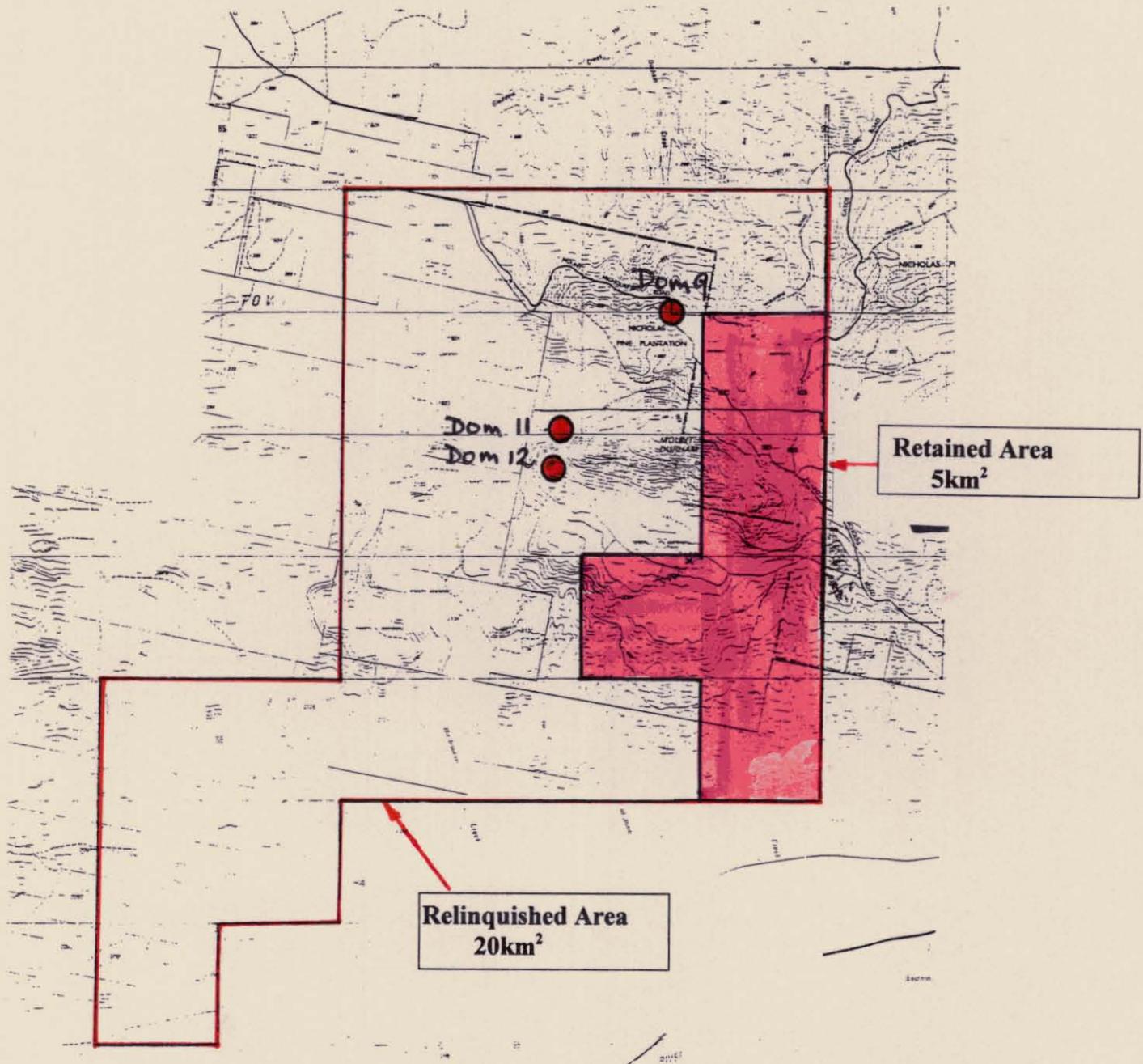


FIGURE A1
R.L.8815
MT DURHAM
SCALE 1:50,000
DECEMBER 1995

