



Surveyor General's Office
Brisbane March 1886

Circular Memorandum
To All Lic^d Surveyors

Requirements and general instructions in connection with the survey
of Grazing Farms

These surveys may be carried out with the circumferenter (the needle of which, not less than 4 inches in length, must be in perfect working order) and steel band. The latter may be 5 chains in length where the country will admit of its use. An allowance of .00518 link per ³³⁰ 68 feet must be made for each degree of Fahrenheit over or under the temperature at which the tape was standardized, a fixed strain or tension, by means of a spring balance, being applied.

Boundaries of portions are to follow cardinal bearings as far as practicable, but where the country is altogether unsuitable for grazing purposes, or the leading features justify a departure, it is left to the discretion of the surveyor to adopt other bearings. Wherever a departure from cardinal lines is made, it will be closely scrutinized, as the surveyor will be held responsible for cutting up the land to the best advantage.

Economy in fencing, that is to say the enclosure of the required area by the shortest surrounding boundaries, should be kept in view.

Large areas of unavailable scrub and worthless broken country should be excluded, but where such would not exceed 1/5 of the total area of the portion they may be included in survey, in order that a rectangular and symmetrical form for portions may be maintained.

Where the external boundaries of a group of grazing farms adjoin the leased parts of runs, it is not deemed necessary, if their boundaries have not been already marked, to define them on the ground, but to avoid merger, which might otherwise occur, the boundaries of such land is to be fully defined.

Apply for

grazing farms and the runs.

In all other respects the marking of the portions is to be strictly in accordance with the rules of the Department respecting Field operations.

At some convenient point in the survey, the variation of the needle must be determined, and the result communicated to the office and also noted on plan.

Roads

Roads in present use, and those necessary for access to portions only, are to be marked as specified below, but such roads as may be required at some future time through portions for access to adjoining lands, whether leased or otherwise, should be provided for by reserving sufficient areas in those portions likely to be intersected.

Main roads over 3 chains wide and roads for stock driving (10 chains wide) where forming boundaries of portions, are to be marked on both sides, but on one side only where they intersect portions. Roads separating portions should not be less than 3 chains wide, and require marking one side only. Where roads are marked on one side only the opposite angles, at changes of bearing, are to be fixed and marked on the ground. See clauses 60 and other clauses relating to Roads - General Directions for Surveyors.

Reserves

Reserve for travelling stock, and for other purposes in connection with the requirements and conveniences of selectors and the general public, are to be provided.

Also reserves must be provided to include sites which have been selected by the Government or by Divisional Boards for Dams, Boring operations &c. and for the supply and conservation of water. See clauses 68, 69 General Directions.

After inspection of the country, a design must be submitted to the Surveyor General, showing the arrangement proposed for grazing farms. The Surveyor will be advised without delay whether the same is approved or otherwise.

Payment of Accounts

Payment for the survey of grazing farms will be at the rate of £100 sterling per lineal mile, and 50 per cent additional for dense scrub only. Ordinary scrub will be paid for at the usual rate, together with the usual payment for the survey of the land.