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NEW SOUTH WALES.

SURVEYOR GENERAL'S DEPARTMENT.

REGULATIONS

FOR THE EMPLOYMENT OF

LICENSED SURVEYORS.

1886.

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NEW SOUTH WALES.

SURVEYOR GENERAL'S DEPARTMENT.

(1886.)

REGULATIONS for the Employment of Licensed Surveyors in the Measurement of Crown Lands and in Territorial and other Surveys.

1. All surveys shall be performed under the following Regulations, upon instructions from the Surveyor General, District Surveyor, or officers duly authorized by them, and to the satisfaction of the Surveyor General or District Surveyor. Surveys to be satisfactory.

2. A Licensed Surveyor is employed under the supervision of, and subject to instructions from the District Surveyor or acting District Surveyor, upon whose certificate payment of advance on account of surveys is authorized; and all official correspondence, reports, and plans shall be transmitted through the District Surveyor or Acting District Surveyor. District Surveyor.

I.—GENERAL.

3. A Licensed Surveyor shall supply himself with the surveying instruments mentioned in the appended list *(see Appendix A)*, with necessary equipment and labour, with copies of plans of lands adjacent to those which he may be instructed to measure, with copies of such Acts of Parliament as he may require in connection with the duties entrusted to him *(see Appendix C.)*, and with all information requisite for carrying out his instructions. Equipment.

4. A Licensed Surveyor will be paid for surveys which he may be instructed or authorized to perform, according to the scale of fees hereinafter set out *(vide* paragraph 243), except as may be provided for special surveys under the Crown Lands Act, viz. :—Homestead leases, scrub leases, converted pre-emptive leases, special leases, special purchases, and timber licenses, payment to be made after the work shall have been accepted by the Surveyor General, District Surveyor, or officer duly authorized; but an advance not exceeding 75 per cent. will be paid on certificate of the District Surveyor, or on receipt of the work if satisfactory; nevertheless it shall be competent for the Surveyor General or District Surveyor to let under special contract, at an increase or a discount upon such scale of fees, surveys such as the subdivision of areas, laying out roads, marking reserves, marking other boundaries, and topographical surveys. In certain districts, *e.g.*, in dense brush, or rugged country, in order to provide adequate remuneration to meet difficult circumstances of survey, a local increase to the fees may be allowed by Ministerial authority, which shall apply to all surveys except where otherwise specified, but shall not apply to the daily rates for service. For services to which the scale of fees may not be applicable, payment may be allowed at the rate of £3 3s. per diem for field service, and £2 2s. per diem for office service. Scale of fees. Special contract. Special rate. Special fee.

5. When a Licensed Surveyor is appointed to a specific district it is customary to allow him to carry out generally the surveys for alienation and occupation therein, for which payment is made under the authorized scale of fees, but surveys under other conditions, such as the subdivision of areas for auction sale, road, and geographical surveys may be entrusted to him or another Surveyor at the discretion of the District Surveyor. A Licensed Surveyor's district will be altogether within one Land Board district, and the limits shall, as far as may be practicable, be coincident with a Land District, as defined by the Crown Lands Act of 1884; and such limits shall be subject to alteration as circumstances may require. A Licensed Surveyor holding a local appointment to a specific district shall reside within such district so that his services may be available for the Land Board or for the public whenever required. When such an arrangement may be impracticable, an application in writing setting forth the circumstances, and stating proposed place of residence, may be entertained, and the condition of residence within the district may be dispensed with under special permission of the Minister for Lands, upon the recommendation of the District Surveyor. Local appointment. District boundaries may be modified. Licensed Surveyor to reside in district.

6. All instructions shall be promptly acted upon. Neglect in this particular may lead to stoppage of payment of advances on account, employment of another Surveyor in the District assigned to the Licensed Surveyor, forfeiture of district, or other arrangements being made to ensure the instructions being acted upon with dispatch. Surveys under instructions proceeding from the local Land Board shall take precedence of all other surveys, and shall be effected as far as possible in due order of sequence. Instructions to be acted on promptly. Default to be reported.

7.

Transfer of instructions.

7. All instructions relinquished by a Surveyor, or to be transferred to another Surveyor, shall be forwarded to the District Surveyor, with a schedule of particulars on transfer form. *(Appendix I.)*

Survey by deputy, &c., prohibited.

8. Survey by deputy—signing the declaration on plan and account in cases where survey, or amendment in survey, or inspection has not been performed by the Surveyor himself—taking a fee for the survey of Crown Lands, the cost of measurement of which is to be paid by the Government,—are strictly prohibited.

Instrument to be used.

9. All surveys shall be effected by means of the theodolite, the only exception being when the use of the circumferentor may have been authorized in writing by the Surveyor General or District Surveyor.

Monthly progress report.

10. The Surveyor shall compile for each month a return or progress report in the form appended and in accordance with the directions thereon *(Appendix F)*, and shall transmit the same to the District Surveyor under whom he may be placed, on or before the seventh day of the following month. The monthly return or progress report to be written in copying ink, so that an impression may be taken off to be sent to the Surveyor-General.

Field books and notes of surveys.

11. Field-notes of surveys shall be recorded in ink wherever possible in field-books supplied by the Surveyor General, which shall from time to time be forwarded to the Surveyor General or District Surveyor as they become filled, or are no longer required by the Surveyor. The original field-notes of surveys shall be sent to the Surveyor General or the District Surveyor, when demanded by either of them. Field-books shall be dated and kept in a manner intelligible to any Surveyor or Draftsman. Field-books will be supplied by the Surveyor General or District Surveyor upon requisition. Forms of requisiton may be obtained from the District Surveyor.

Absence from district and address to be notified

12. When a Surveyor is absent from his district he shall intimate in writing to the District Surveyor his address, and also when in Sydney to the Surveyor General, and on returning to his district he shall also report at once to that effect.

Purchase of Crown Land for homestead.

13. The Surveyor will be at liberty to purchase Crown Land for his own occupation as a homestead; but his position precludes the purchase of Crown Land beyond such homestead within the district assigned to him. Any breach of this rule will render him liable to removal from his district.

Erroneous surveys may be rejected.

Surcharge.

Cost of amendment may be surcharged.

14. Surveys discovered to be erroneous, or surveys in contravention of the Lands Acts, or surveys not in accordance with the practice of the Department, may be rejected by the Surveyor General or District Surveyor, and the fees charged for the same may be disallowed; or if such fees have been paid, the amount may be surcharged against any balances of accounts which may be due or may become due to the Surveyor; or if another Surveyor be employed to amend or remeasure, then the cost of his services at the authorized rates (but not exceeding the fee for the original survey) may be surcharged to the account of the Surveyor who made the original erroneous survey.

Rejected survey—marking to be effaced.

Plan rejected.

15. When a survey is rejected, the marking of the same shall be effaced by the Surveyor, or at his cost. Any plan rejected, whether on account of erroneous survey or otherwise, which may have been registered, shall not be returned to the Surveyor, neither shall payment for the same be allowed.

Discount on fees as a fine for non-compliance with Regulations.

16. Under certain circumstances, such as where there has been failure to complete surveys according to the conditions herein specified, or where plans have been inaccurately or badly drawn, or areas have been incorrectly computed, and when it may not be expedient or desirable to reject the survey, a discount, which shall not exceed 25 per cent. on the authorized fees, may be imposed as compensation for additional professional labour involved in examination and amendment, or as a fine; or in event of the account for such imperfect survey having been paid such discount as a fine may be surcharged against any balances of accounts which may be due, or may become due for services rendered.

Office memoranda.

17. Memoranda relating to omissions on plans, or other deficiencies, must meet with immediate attention and reply by the Surveyor, otherwise as surveys and accounts cannot be kept in abeyance the fees for the items in question will necessarily be struck out of account.

Penalty for neglect to reply

18. Should such memoranda be neglected for a period of one month, it shall be competent for the Surveyor General or District Surveyor to cancel or amend the survey, or to cause inspection, the cost of which may be surcharged against the Surveyor.

Removal from district and cessation of employment.

19. Erroneous and incomplete surveys and other non-compliance with these Regulations will cause the removal of the Licensed Surveyor from the district assigned to him, or will lead to cessation of his employment.

Practice of Department to be decided by the Minister for Lands.

20. All questions arising in connection with the established practice of the Department not provided for in these Regulations shall be determined by the Minister for Lands.

II.—SURVEY AND MEASUREMENT.

General Directions.

21. Surveys shall be effected only under instructions from the Surveyor General, District Surveyor, or other officer by either of them authorized. Surveys under exceptional circumstances, and without such instructions, will be at the risk of rejection or modification. **Survey only when authorized**

22. Whenever the Surveyor in the course of his duty may observe any lands which it may appear desirable to withhold from sale for town sites, public water supply, recreation, or for any other of the special purposes provided for under the Crown Lands Act, he should at once bring the matter under notice by a separate and comprehensive report, with sketch annexed, defining thereon the area to be reserved. **Sites for towns and reserves for public purposes to be reported.**

23. Sites for towns are selected, and designs for the same with suburban lands are prepared by the District Surveyor, or other officer by him duly authorized, and the subdivisions of the same are generally entrusted to Licensed Surveyors under special contract. **Town sites and designs.**

24. Town allotments are not to exceed ½ acre, and are to be numbered as of a section. Streets are not to be *less* than 1 chain wide, and as a general rule are to be 150 links wide. Lanes are not to be *less* than 20 feet wide, and as a general rule are to be 31 links. Suburban portions are to be numbered as of a parish, unless under previous design portions have been numbered as of a section and alienated, when the remainder in such section may be marked in the same manner. A suburban portion shall not exceed 20 acres. **Town allotments—area of. Width of streets. Width of lanes. Suburban portions—numbering. Suburban portions—area.**

25. In remote localities suitable sites may be selected for reservations from sale for public school purposes. The area for a school site is generally 2 acres, and for school paddock and playground about 20 acres. The recommendation for reservation should be conveyed by letter to the District Surveyor, affording full particulars as to site, and accompanied by a diagram or sketch in illustration. **Public school sites.**

26. Sites for cemeteries are selected in connection with towns, and measured in accordance with the special directions hereto appended. *(Appendix G.)* **Cemeteries**

27. Designs for subdivisions of lands for auction sale are as a rule prepared by the Salaried Surveyors, and are generally carried into effect under special contract, at a discount upon the scale of fees. **Designs for subdivision.**

28. Where there is doubt as to whether a portion should be measured with frontage, reference should be made to the District Surveyor, upon whose instructions survey shall proceed, and shall be considered as binding in respect of payment for the same, whether finally adopted or not. **Frontage—Doubt as to what may constitute.**

29. In cases where part of a boundary may be inaccessible, such part is to be delineated upon plan by a dotted line, and the means of ascertaining the distance indicated; and where parts of boundaries at a corner may be inaccessible a connecting traverse is to be supplied between the ends of the measured parts where pegs are to be driven and reference trees marked with the broad-arrow. Where there is a cliff or precipice which forms a natural boundary, such may be adopted as the boundary of the portion, and should be traversed and marked accordingly. **Inaccessible boundary. Inaccessible corner. Cliff or precipice forming a natural boundary.**

30. In order to provide for intercommunication, roads should be designed in the most suitable positions. Such roads may be of various widths, according to the conditions of the ground. In the settled districts the principal roads should be 100 or 150 links wide, whilst in the pastoral districts such roads may be 200 or 300 links wide, according to circumstances of traffic. **Roads for intercommunication.**

31. As far as possible, roads *(not constituting "frontage")* should form boundaries of portions to be measured, *i.e.* an area may be modified in form so that the road in the most desirable position shall be a boundary; but where the reservation of a road through a portion may be unavoidable, the Surveyor shall survey and mark the same on both sides. *(Vide paragraph* 138.*)* **Reservation of a road.**

32. At the crossing of a river, creek, or gully, the road should be designed of such extra width as may be requisite to enable formation of the best causeway, or construction of a bridge in the best position. *(Especial care should be taken in this matter where a ford is liable to alteration of site by flood.)* This rule will also apply to providing ample and convenient access to water, or to landing places on navigable rivers. **Roads at fords and crossings.**

33. In the subdivision of land for sale, and in view of future settlement, the Surveyor should exercise judgment in selecting and recommending for reservation for public use, permanent water-holes, springs, and parts of rivers desirable for water supply, which in this arid climate may be necessary for the beneficial occupation of the surrounding country; also fords, sites for quarries, wharves, public schools, recreation grounds, and other probable public purposes or requirements, with sufficient access thereto. **Water supply, &c.—reservation for.**

34. The Surveyor shall recommend for reservation suitable areas covering prominent points which may hereafter be useful in the trigonometrical survey of the country, whenever in the course of his surveys the necessity for such reservations may present itself; such recommendation to be made to the District Surveyor without delay. **Trigonometrical stations—sites to be reserved.**

Sufficient access by roads.

35. In measurement of lands for alienation on the banks of rivers and creeks practicable access to water shall be provided at distances of about a mile; and in the measurement of other portions, roads should be provided for intercommunication at suitable distances apart. Access by a road must be provided to every portion.

Water-races to be reserved.

36. In measuring portions within gold-fields, water-races shall be reserved 30 links wide, and their positions defined by traverse where the conditions of the country are such as to prevent sufficient approximation to accuracy in respect of site and area. This rule shall also apply to water-races beyond gold-fields. *(Vide section 31 Mining Act, 1874—Appendix B.)*

Azimuth to be determined.

37. In cases where several portions are measured adjacent to one another by the same Surveyor, the District Surveyor may require the azimuth or true bearing of the lines of the survey to be determined by solar or stellar observation, the particulars of which shall be recorded on the plan of one of such portions; and for this purpose tables have been prepared for the use of Surveyors. A fee of £1 will be paid for this service, if satisfactory. Stations for such observations should not be nearer to each other than 2 miles. *(Vide Appendices E and Ea.)*

Swamps and lagoons-portions bordering on.

38. Certain indefinite riparian rights being conferred by the alienation of Crown Land with frontage to lagoons, swamps, and lakes, the contour of such swamps and lakes should not be treated as a boundary, but the land to be alienated should be defined by right lines, preferably by road following such lines.

Tidal waters—portions bordering on.

39. On creeks, estuaries, or waters subject to tidal influence, land being the foreshore, cannot be alienated beyond high-water-mark, unless under special conditions as prescribed by law; but where high-water-mark is doubtful the boundaries of the land measured shall be right lines following approximately such high-water-mark. When the conditions are favourable, and in view of probable traffic, a road may be marked approximately along high-water-mark, and shall form the boundary of such portion.

High-water-mark—definition of.

High-water-mark shall be defined as the mean high-tide mark between high-water spring and high-water neap tides.

Parishes—Area of.

40. It is the practice of the Department in the sub-division of Crown Lands to design parishes and to number consecutively all portions measured therein, except town allotments. The area of a parish should be approximately 25 square miles, but may vary according to circumstances from 15 to 35 square miles. In the Western Division of the colony the latter area may be increased if necessary.

Parish boundaries.

41. Whenever practicable the boundaries should be creeks, ranges, roads, or other leading features, but failing these in suitable positions, arbitrary lines may be adopted which should, unless for sufficient reason to the contrary, be directed to the cardinal points of the compass. The name of the parish should be suggested by the Surveyor, and where there is a recognized and euphonious aboriginal name it should be adopted.

Nomenclature.

Parish—temporary boundaries.

42. It is not, however, essential that the permanent boundaries should be determined during early surveys. Parishes are defined by publication of plans and descriptions of alienated lands; the boundaries are therefore subject to modification as surveys and knowledge of local features progress, and in this manner creeks or permanent lines of road may replace rectilineal boundaries. Whenever an alteration in the projected design for a parish is desirable, such alteration should be duly recommended in a letter, or memorandum stating the circumstances, and, when requisite, annexing a sketch in illustration.

Parish—design for.

43. When recommending permanent or temporary boundaries for a parish in a letter transmitting plan of the portions first numbered therein, a sketch showing the proposed boundaries should be supplied.

Parish—numbering portions therein.

44. Where portions have been measured and a parish has not been defined, the Surveyor shall design boundaries as directed in the preceding paragraphs, and having ascertained the numbers of portions within the same shall adopt the lowest vacant number for the portion to be measured. Should there be any numbers omitted from the regular sequence of the parish numbering, the numbers so omitted shall be used for the portions next to be measured. When there is doubt as to the parish numbers to be used there should be enquiry of the District Surveyor.

Connections for description.

45. In order that each portion may be definitely described it is necessary to connect it with some previous survey; connection should be made with the nearest measured portion in preference to feature and road surveys where there is no very considerable difference in distance; and when with another portion, the connection should be made to a corner, the particulars of the reference tree being noted. The difference of azimuth should also be observed and noted on plan. If the distance exceeds 5 miles the connection should not be made unless prominent natural features can be followed, otherwise a sketch showing the probable position of the portion upon the county map should be supplied.

Offsets.

46. Offsets from traverse lines to fix the positions of rivers, watercourses, &c., should not exceed 150 links in surveys of country portions, nor 75 links in suburban portions. In cases where it is necessary to exceed the above limits a subsidiary traverse should be run and shown on the plan.

Land held under Mining Act.

47. Land in lawful occupation, under the Mining Act of 1874, should not be measured for alienation except under section 46 of the Crown Lands Act of 1884.

Subdivision of measured portions.

48. No measured allotment or portion of land shall be subdivided or encroached upon to meet any claim for purchase without specific instructions to that effect. When a measured portion of land shall be subdivided the part applied for shall be treated as a new portion, appropriating to the remainder the parish number used for the portion as originally measured. *(Vide paragraph 188).*

49. Within the counties where the general triangulation is in progress one or more bearings shall be observed to a trigonometrical station wherever visible, and the particulars shall be recorded upon the plan. In the measurement of a portion such observations should preferably be made from a corner. Bearings to trigonometrical stations to be observed.

50. In the survey of several portions measured contemporaneously, and separated by a road or river from others previously measured, connections shall be made near the commencement and the termination of the survey, or at intervals of about a mile. Connections with previous adjacent surveys.

51. Whenever a portion is measured within a few chains of any previously defined area, road, reserve, run, or any marked boundary-line, a connection shall be made to a corner or some other defined point thereof. Connection with other marked boundaries.

52. When an isolated portion is measured in a remote locality bearings should be observed from one or more corners or defined points to prominent hills or other conspicuous natural features. Bearings to distant objects.

53. The plan of every survey shall be transmitted under separate letter *(vide paragraphs 181, and 200 to 204; also letter forms, Appendices M, Ma, and Mb)*, in which shall be forwarded full particulars as to object of survey, character of land, occupation, improvement, and such other information as may be necessary for action thereupon. Letter reporting survey.
Tracings of plans shall be supplied to the District Surveyor as specified by paragraph 192. Tracings of plan.

The accuracy of the survey of each portion should be determined by latitude and departure; and if the close is not within the following limits the particulars of error should be noted:— Check closing.

Close of Survey.

Table showing the limit of allowable error in links, being the sum of difference in latitude and departure, according to perimeter.
Regular Figures, being rectilineal portions of ten sides and under.

Perimeter.	Description of Country.		
Chains.	Level.	Undulating.	Mountainous.
460 and under 650	10	15	22
330 ,, 460	7	11	16
230 ,, 330	5	8	12
170 ,, 230	4	6	9
120 ,, 170	3	4	7
90 ,, 120	2	3	5
Under 90	1	2	3

Regular Figures, being portions of more than ten sides; and Irregular Figures, being portions with frontage to rivers, creeks, or cliffs.

Perimeter.	Description of Country.		
Chains.	Level.	Undulating.	Mountainous.
460 and under 650	15	20	25
330 ,, 460	11	15	20
230 ,, 330	8	11	15
170 ,, 230	6	8	11
120 ,, 170	4	6	8
90 ,, 120	3	4	6
Under 90	2	3	4

The above Table, showing limits of allowable error in survey, is to be applicable only to areas over 20 acres.

Conditional Purchase and Conditional Leases.

Except Converted Pre-emptive Leases, see Part V.

54. Conditional purchases and conditional leases should be measured subject to the provisions of the Crown Lands Act of 1884, *vide* sections 56, 59, and 60. As a rule a diagram showing the figure of the area to be measured will accompany the instructions. Measurement of Conditional Purchases or Leases.
Upon this diagram roads for reservation or access may be denoted, but such are to be accepted simply as indicating local requirements. The responsibility of all necessary provision for these and other roads in the most suitable positions must rest with the Surveyor after local inspection. Roads.

55. Land conditionally purchased adjacent to improvements of the character specified in section 21, sub-section 9 of the Crown Lands Act of 1884, and being of the value of £40 and upwards shall be measured so as not to cover any part of the area protected thereby; and such area shall be considered as defined by Regulation under the above Act. Purchase adjacent to improved land.

56. Land in lawful occupation for mining purposes under the Mining Act of 1874 is not available for conditional purchase. Any instruction which cannot be completed for this reason shall be returned as quickly as possible under report. If there be any modification as to form of measurement to avoid interference with mining occupation, full explanation should be afforded when transmitting the plan. No interference with occupation under Mining Act.

57. The marked starting point of the description, also any prominent feature, &c., referred to in the application, should be from actual measurement indicated on the plan as illustrative of the description, and if such reference points cannot be found their absence should be reported. Starting point, features, &c., referred to in the description.

Reservation out of area purchased.

58. Reserves out of areas conditionally purchased may be made only for the purposes specified under section 60 of the Crown Lands Act of 1884.

Conditional Purchase or Lease in two Land Districts.

59. A conditional purchase or lease may not be measured extending into two land districts; but so much of the area, not being less than 40 acres, within the district in which the application was lodged may be measured with the applicant's written consent.

Modification of survey without authority.

60. Where a portion designed for measurement approaches to within 60 chains of an uncharted frontage, necessitating a modification in the form of survey, such modified survey, if effected without authority, will be at the risk of the Licensed Surveyor. This may be avoided by reporting the facts of the case to the District Surveyor, and submitting for approval a sketch illustrative of a suggested design.

Modification of survey in certain cases.

61. As a rule Crown Lands of a less area than 40 acres, or of less width than 10 chains, or 666 links in frontage, should not be left between portions. Should the vacant land adjoining that applied for contain less than 40 acres in excess of the area paid for, the Surveyor may, with the applicant's written consent, include the excess, provided the maximum area allowed by law is not exceeded, and subject to the approval of the Local Land Board.

Report on exemption from fencing.

62. The Surveyor should take such notes whilst in the field as will enable him in his letter transmitting the plan to report precisely in any case what natural boundaries or parts thereof might be exempted from the condition of fencing.

Report on fencing and improvements.

63. The Surveyor shall, when transmitting the plan of a conditional purchase or conditional lease, report as to fencing and any other improvements on the land, specifying each improvement and its value. (*See letter form, Appendix Ma. Mc.*) In all cases where a special report is called for full particulars should be afforded by letter.

Report on—additional conditional purchase.

64. An additional conditional purchase must adjoin the original purchase, or an additional conditional purchase of the same series; and when transmitting plan of the same the Surveyor shall report as to fencing and other improvements on the portion measured.

Papers to be returned.

65. All papers relating to a conditional purchase or conditional lease shall be returned under the letter covering the plan thereof, and no other papers shall be enclosed under the same letter.

Improvements—Special report on.

66. Reports may be required as to claims for pre-emption or exemption from conditional sale in respect of improvements effected upon measured and unmeasured land. In such cases care should be taken to afford full particulars under the following heads—such as date of inspection, tenure of land, situation, within pastoral lease, whether in a gold-field, date or dates of erection of or effecting the several improvements, and description and valuation of each improvement, with the detail dimensions of and rates allowed for excavation, fencing, grubbing, and such-like work, accompanied by a sketch plan showing the position of the improvements. In describing cleared land it should be stated whether naturally clear of timber, or whether trees have been felled and burned, or grubbed, also whether valuable timber has been destroyed.

Volunteer Order Selections.

Volunteer selections.

67. The land shall be measured in a similar form to conditional purchases of a like area. *Vide* regulation 56 under the Crown Lands Act of 1884.

Improvement Purchases on Gold-fields.

Application, if objectionable, to be returned.

68. On receipt of instruction for survey, it should be ascertained whether there is any objection to the application, such as having been made in the wrong Land District, being within a reserve from sale, the improvements being of insufficient value or of a character not qualifying for pre-emption; and if there be such objection the instruction should be at once returned, reporting all particulars under letter or numbered memorandum.

Area.

69. The area allowed for residence and improvements on a gold-field is—for town land $\frac{1}{4}$ acre, and for other land, 1 acre.

Value of improvements.

70. Improvements in respect of which such pre-emption is allowed must be of value equal to the respective minimum price of the land prescribed in section 46 of the Crown Lands Act of 1884.

Form of measurement—town and suburban.

71. Within town or suburban areas the form of measurement shall be in accordance with the general design of subdivision; and where such design is incomplete the form of measurement shall be submitted to the District Surveyor for approval previous to marking.

Form of measurement—country land.

72. Within a gold-field the portion shall be measured in accordance with suitable design for general subdivision, and if with frontage shall have a depth not less than twice the frontage.

Report with plan—particulars required.

73. In the letter transmitting plan the Surveyor shall report the conditions qualifying for pre-emption, specifying each improvement, its value and probable date of construction, and shall also state the value of the land. The report should be in the form appended. (*Appendix M.*)

Homestead Leases.

General directions.

74. All the general rules herein contained relating to the conducting and marking of surveys shall be adopted in the survey of Homstead Leases unless otherwise directed. A diagram will accompany instructions for this class of surveys, showing the lines to be measured and marked.

75. The country in which Homestead Leases occur being generally unsuited for trigonometrical operations, the surveys will depend for accuracy solely upon closed traverses, therefore every survey of a Homestead Lease must be in itself a meridian circuit referred to the true meridian, and closed by computation. Six miles must not be exceeded without observing for meridian, but the observations of other Surveyors within that limit may be adopted. Accuracy of traverse. Observations for meridian.

76. Each survey shall show in plan and field book the initial line of the survey. Initial line.

77. The closing error shall be shown clearly in the field book, with explanation of the disposal thereof. Closing error to be shown.

78. The azimuth of the lines of adjoining surveys shall be shown, and attention called to any error or discrepancy which may appear. Azimuth.

79. If not directed to adopt a mean magnetic meridian for the locality the Licensed Surveyor will, from readings of the needle in different parts of the survey, adopt that which he may consider to be the mean magnetic meridian of the locality, and use it where bearings are required for the preparation of description. Mean magnetic meridian.

80. Unless contrary to the design approved by the Land Board, Homestead Leases falling within runs whose boundaries are directed otherwise than to the magnetic meridian will be measured as nearly parallel to the boundaries of the run as possible, and when the deviation does not exceed a degree the lines may be described as "Northerly on the meridian," or "Easterly on the parallel." Bearings, as for instance N. 10° E., 190°, East, &c., are only to be used in connection with the magnetic meridian, which, having been adopted in all other parts of the Colony, will not now be departed from. Boundaries of runs not directed to magnetic meridian.

81. Frontages to any river or water channel suitable for a boundary shall be traversed, but the traverse lines need not be marked, but reference marks made in accordance with Regulation 142. Frontages to creeks.

82. When lakes, lagoons, or swamps are of sufficient importance to form a boundary, such boundary shall be defined by right lines tangential to the foreshore, marked in a similar manner to other boundaries. Frontages to lakes or lagoons

83. Frontages to roads which have not been previously surveyed shall be traversed and marked. Frontages to roads.

84. Roads and tracks are not to be measured without authority; but the direction of tracks not measured must be shown approximately on the plan, and the distance of the intersection with the boundary of the leasehold to the nearest mile-post noted. Roads and tracks.

85. Roads of access to portions of land surrounded by a Homestead Lease, and not forming part of such lease, should be reserved, but should not be marked unless by the direction of the District Surveyor. Roads of access.

86. Should a main road or travelling stock route intersect a Homestead Lease, the former may be marked on one or both sides, as may be directed by the District Surveyor. Main roads, &c.

87. Any apparently desirable modification of survey should be reported to the District Surveyor, and upon his approval survey may proceed; but any modification effected without such approval will be at the risk of the Licensed Surveyor. Modification of survey.

88. If in the survey the closing error, which must appear on plan and in field book, falls within 2 links per mile of its computed position, three-quarters of the measured perimeter of the survey may be allowed to stand, but the remaining lines must be amended. If the close exceeds the above limit, the whole survey must be amended. Closing error and amendment of survey.

89. Reports on Homestead Lease surveys should afford full particulars under the following heads:—Date of survey; tenure of land; situation, specifying name and number of original holding; date or dates when the several improvements were effected; description and value of each improvement, specifying dimension rates allowed; description of the country embraced by the survey; an estimate of the grazing capabilities, &c. Reports.

Cases not provided for.

90. Special reference should be made to the District Surveyor as to the course to be pursued in any case not provided for in these regulations. Cases not provided for.

Roads.

91. When a Surveyor is required to report on an application for a road, full particulars should be supplied by him after careful inquiry as to public requirements for the same, length of road, alienated land to be traversed, damage by severance, &c., &c., such as may enable a decision to be arrived at touching survey or otherwise. Preliminary report.

92. The Surveyor shall carefully inspect the country along the proposed route; and in selecting the site for a road the first consideration should be public requirements and conditions favourable for traffic; and the second, the least possible interference with, or injury to private property. Selection of route.

93. In survey of a parish road under Act 4 William IV, No. 11, and also of a road under section 110 of the Crown Lands Act of 1884, the provisions of section 2 of the first-mentioned Act must be strictly observed. *(See copies of sections 2, 23, and 26, Act 4 Wm. IV, No. 11—Appendix Ba.)* Road Act to be observed.

Boundaries to be followed if practicable.

94. Unless for sufficient reason to the contrary (and where practicable) the road should be designed along boundary-lines of separate estates, so that the land required for the road may be taken in equitable proportions from each, *e.g.*, in order to utilize a substantial fence on such a boundary, the road may be designed to cross the same at a convenient angle, resuming land first wholly on one side and then on the other side.

Connections with measured portions, &c.

95. The intersection by the road of all marked boundaries shall be noted, and wherever practicable the bearings of such boundaries shall be determined, and connection measured to a corner or other defined point thereon; and the terminations of the road survey shall be connected with corners of portions or defined points on other surveys.

Width of road.

96. The customary width for a parish road through alienated land, or road opened under the provisions of section 110 of the Crown Lands Act of 1884, is 1 chain; but for sufficient reasons this width may be increased or reduced. It is not necessary that such roads should be of uniform width throughout.

Bearings to trigonometrical stations.

97. Bearings shall be carefully observed to trigonometrical stations wherever visible, and particulars noted on plan.

Magnetic variation.

98. The magnetic variation shall be determined when directed by the District Surveyor, as prescribed in paragraph 37.

Letter reporting survey.

Book of reference required.

99. The plan shall be transmitted with a letter reporting particulars, as provided in paragraph 207. In the case of roads to be opened under the before-mentioned Acts a book of reference, in the form appended *(Appendix H)*, and containing full particulars as therein specified, shall be supplied with the letter; and for this purpose the necessary inquiries should be made during progress of survey.

Public Gates.

Public gates reports.

100. In dealing with an application for a public gate across a road under Act 36 Victoriæ No. 19, the Surveyor should report full information concerning the points hereunder mentioned, also supply a sketch showing the position of proposed gate, and should submit his opinion whether permission for such gate should or should not be granted :—

1. Particulars of road, *e.g.*, description, whether dedicated under the Parish Roads Act, or otherwise a thoroughfare.
2. Particulars of present traffic.
3. Probable future traffic.
4. Whether a mail route, and traversed by a mail coach.
5. Whether the maintenance of the road is under trustees or in charge of an officer of the Works Department.
6. Whether there is any other route which should now or at any future time render unnecessary the road under reference.
7. Whether applicant is the owner or occupant of land on both sides of the site of the gate applied for; and if not, then the names of the other owners and occupants.
8. The character of soil at site of proposed gate.
9. The damage (if any) to proprietary interests by the fencing of road, or the refusal of public gates.
10. The description and value of fencing forming the enclosure.
11. Any other public gates and their relative positions to each other.
12. If there are no objections to the public gate applied for, then whether it should be single, double, or treble, and the width of opening which would be most desirable.

Reserves.

Report on reserve.

101. The report on a reserve should be comprehensive in its character, describing aspect of the country and water supply; also affording full particulars of occupation, improvements (if any) and valuation and date of erection of same; setting forth public requirements for the reservation from sale or lease, specifying the purpose; containing particulars of access, thoroughfare, and all such information as may be requisite to support the recommendation for, or to warrant the revocation of the reserve.

Recommendation for a reserve.

102. In recommending a reserve for public purposes (*vide paragraphs 22, 23, 33 and 34*) such particulars must be afforded as will enable identification and description, and in order to prevent possible defeat by interim conditional purchase, the report should be marked "*Immediate*," so as to secure early attention, and, as a rule, should be accompanied by a sketch or diagram.

Feature and other Surveys.

Not specially provided for above.

Azimuth to be determined.

Magnetic variation.

Bearings to trigonometrical stations.

103. In a feature survey the azimuth or true bearing of the traverse shall be determined, when required by the Surveyor General or District Surveyor, either by solar or stellar observation, and in accordance with paragraph 37. In country not liable to local attraction stations for such observations need not be nearer than 10 miles in latitude and 5 miles in longitude; but where local attraction is suspected the distance should not exceed 5 miles and 2 miles respectively. The magnetic north and true meridian shall be indicated on the plan. Bearings shall be carefully observed to trigonometrical stations wherever visible, and the particulars noted on the plan.

104. In selecting features for a connection survey under paragraph 45, preference shall be given first, to rivers and watercourses; secondly, to ranges of hills and divisions of watersheds; and lastly, to tracks, which, not being of permanent character, are of less importance to the geographical knowledge of the country. Where there are no leading features the connecting survey should be as direct as possible. Selection of features for connection survey. Direct connection.

105. As in a feature survey it is desirable to obtain as much topographical information as possible, the Surveyor shall observe bearings to determine the position of hills and other conspicuous features. Bearings to distant objects.

106. Intersections of county boundaries, railway lines, pastoral run boundaries, &c., shall be carefully noted in the course of survey; and connection to some fixed point thereon will be required, as also with any measured portion if within reasonable distance; and wherever practicable the bearings of such boundaries shall be determined. Connection with county and other marked boundaries.

107. Every traverse shall follow as nearly as possible the feature to be surveyed, with a view to accurate delineation on map. Offsets should no exceed 150 links, and where it is not convenient to follow a watercourse or other feature of similar character within that distance, a subsidiary traverse should be effected. Traverse to follow feature. Offsets.

108. In transmitting the plan of topographical features, the Surveyor shall report on the character of the land within scope of his survey, and also, if requisite, on suitable positions for reserves for public purposes. Topographical information.

III.—MARKING.

General Directions.

109. In the event of any instance of the wilful and malicious destruction of Surveyors' marks coming under the observation of a Surveyor, he shall furnish to the local Superintendent of Police such information as may enable the prosecution of the offender under the Act of Council, 16 Victoriæ No. 15. (*Appendix Bb.*) Destruction of surveyors' marks.

110. All marking shall be performed in a permanent manner, and in accordance with the following specifications; and omissions, or neglect to comply therewith, or insufficient marking, will render the Surveyor liable to the imposition of a fine in the form of a reduction or discount upon the fees. Character of marking. Penalty.

111. Particulars of all reference trees, *i.e.*, bearing and distance to the nearest peg of traverse or corner, and species of trees and marks thereon, shall be observed and recorded for noting on plan; and such distance shall be horizontal and from the broad-arrow to the peg. Reference trees—particulars of

112. All survey marks for the Government shall bear inscribed the broad-arrow above such other figures as may be used, excepting of course the detail marking by pegs of town and suburban allotments. Broad-arrow

113. All corner reference trees, of portion measurements, and reference trees to road and feature surveys, to be distinguished by four horse-shoe marks. Corner reference trees.

Town and Suburban Allotments.

114. The building lines of streets and the side lines of lanes are, where the land is not naturally open, to be cleared to a width of not less than 3 feet, by the removal of all scrub and trees of a less diameter than 10 inches. Clearing boundary-lines.

115. Each section corner is to be marked by a split hardwood stake 4 inches square and 24 inches long, sunk 12 inches into the ground; and by trenches cut to a depth of 8 inches and a length of 10 links, in the direction of the boundary-lines, and commencing at 2 links from the stake. On a dressed surface of the stake the section number, 4 inches in height, and in ordinary numerals, is to be cut or branded, or painted in black on a white ground. The number of the corner allotment, should also be marked 2 inches in height, on the section corner stake. (*Vide Diagrams A and B.*) Section corner

116. At each allotment corner a split hardwood stake, 3 inches by 2 inches, and 18 inches long, is to be sunk 12 inches into the ground; and if on the street frontage is to be marked as above directed with the allotment numbers, in figures 2 inches in height. Trenches are also to be cut at the corners of allotments as directed in the foregoing paragraph. (*Vide Diagram C.*) Allotment corner.

117. Should rock occupy the position of a corner, a broad-arrow and dot should be cut to indicate the corner, and lines should be marked with a pick in the direction of the boundaries. The section and allotment numbers should also be cut on the rock. (*Vide Diagram D.*) Rock at corner.

118. Town allotments are numbered as of the section. Suburban portions shall be numbered as of the parish and marked in the same manner as country portions, unless where previously designed in sections, when they shall be marked and numbered in the same manner as town allotments. Numbering. Suburban portions.

119. A town section to be appropriated in its entirety to any public purpose shall be marked with the number of the section over "RES." Reserves in town.

Country

Country Portions.*

Numbering.

120. Country portions are numbered consecutively as of the parish.

Clearing boundary-lines.

121. All boundary-lines, where the country is not open, are to be cleared to a width of not less than 3 feet by the removal of all scrub, and trees of a less diameter than 4 inches.

Trees on or near boundaries.

122. All trees upon boundary-lines, or within 3 feet in thickly wooded country, and 5 feet in open forest country, are to be marked with the horseshoe mark, which is to be cut into the *wood* of the tree on the opposite sides, in the direction of the boundary-line; and those trees which are in the line are to be marked in addition with smaller horseshoe marks above the others. (*Vide Diagram F.*)

Alignment pegs.

123. In alignment of boundary, split hardwood stakes, 3 inches by 2 inches, and 18 inches long, shall be inserted 12 inches in the ground at intervals of not more than 10 chains, with a lockspit on each side, 10 links long and 8 inches deep and wide, in the direction of the boundary, the object being to provide permanent marks visible one from another. In certain localities, *e.g.*, in dense bush country on the eastern watershed of the colony, alignment marks may be dispensed with, by permission of the Surveyor General, on the written recommendation of the District Surveyor.

Tree at the corner.

124. Corners of portions shall be marked thus:—The corner shall be defined by a split hardwood stake not less than 24 inches long and 3 inches square or 4 inches in diameter, sunk 12 inches in the ground with trenches 8 inches deep, if so specified by the District Surveyor, and 10 links in length in direction of the boundary-lines. When a tree may stand on the corner it shall be marked with four horseshoe marks, and the bark shall be removed from a suitable portion of the tree, and on the surface thus exposed there shall be cut, at least $\frac{3}{4}$ inch deep into the wood, the broad-arrow over the parish numbers (in ordinary numerals) of all the portions joining at the corner. (*Vide Diagram J.*) Trenches indicating the direction of the boundary-lines shall also be cut in the manner directed in the following paragraph (*Vide Diagrams G and J.*)

Tree near the corner.

125. Where there is no tree on the corner the nearest large tree shall be marked in a similar manner; and at the corner a split hardwood stake, 4 inches square and 24 inches long, shall be inserted 18 inches in the ground; and trenches, 10 inches in length and 8 inches in depth and width, should be cut in the direction of each of the boundary-lines meeting at the corner. (*Vide Diagram H.*) The particulars of bearing and distance from the peg to the tree shall be observed and noted for reference. (*Vide paragraph* 180.)

Corner with no tree near.

126. Should there be no tree on or near the corner, the stake or post used to mark the corner shall be 2 feet 6 inches long and 4 inches square, or 6 inches in diameter, and 18 inches in the ground, sound and substantial, and should bear inscribed the number of the portion.

In open plain—mound at one corner.

127. Where country portions may be measured in plain country at distances of not less than 1 mile apart, to which there may be no reference trees, and to which there may be no nearer reference mark of more permanent character, one corner is to be marked by a mound of earth 6 feet in diameter and 2 feet high around the peg, the earth for which is to be dug not less than 9 feet distant from such peg.

Rock on boundary; —at corner.

128. Rocks which may be upon a boundary-line are to be marked in suitable places with a pick-line whenever the character of the rock will admit of it; and where at a corner of a portion, with a broad-arrow, and the parish number in addition. (*Vide Diagram I.*)

Homestead Leases.

Numbering.

129. Homestead Leases shall be identified by the number of the Lease instead of a parish number, thus

↑
HL
85/32

Trees on or near boundaries, &c.

130. The Regulations, Nos. 121, 122, and 128, for marking and clearing the boundary lines of country portions shall also apply to Homestead Leases.

Alignment marking.

131. In the alignment of boundaries, posts 2ft. 6in. in length and 4in. square shall be *sunk* 18in. in the ground at intervals of 80 chains, and marked with the broad-arrow, number of mile, and M underneath. Split hardwood stakes 3in x 2in. and 18in. in length shall be inserted 12in. in the ground at intervals of 10 chains, and marked with the number of the stake from the last mile or corner. In lieu of trenches, stakes similar to the foregoing shall be driven 12in. in the ground, in the alignment of the boundaries, at distances of 20 links on each side of the mile-posts.

Corner with no tree near.

132. Where there is not any tree available for reference the corner of a Homestead Lease shall be marked thus: the corner shall be defined by a split hardwood post 3ft. in length and 6in. square, to be inserted 2ft. into the ground, and marked with broad arrow over H. L., and the No. of the Lease, or any adjoining lease or portion. Stakes similar to those described in the preceding paragraph shall be inserted at distances of 20 links from such corner-posts in the alignment of the boundaries.

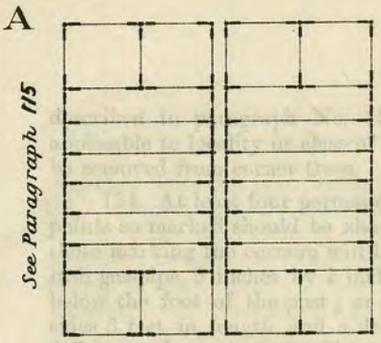
Tree at the corner.

133. When a tree may stand on the corner it shall be marked with one large horse-shoe mark. The bark shall be removed from a suitable portion of the tree, and on the surface thus exposed there shall be cut at least three-quarters of an inch deep into the wood the broad-arrow over the letters H. L., and the number of the lease as provided above. Stakes in the direction of the boundaries shall be inserted at distances of about 20 links, as described

* Exclusive of measurements under the 52nd clause of the Land Act of 1884, *vide* section V.

DIAGRAMS.

A

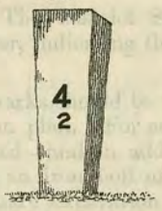


See Paragraph 115

Town Sections Lockspitted.

B

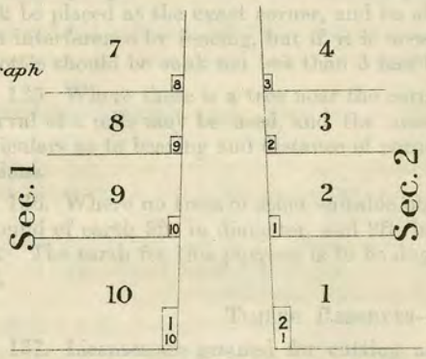
See Paragraph 115



Stake at Corner of Section.

C

See Paragraph 116

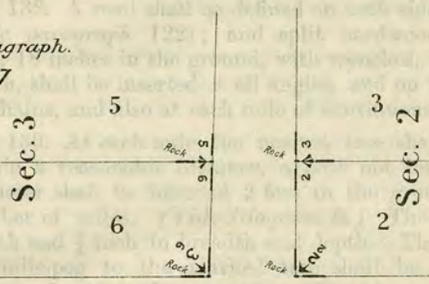


Stakes at Corners of Sections & Allotments.

NOTE. A Stake at the corner of two Allotments will have the Nº of each Allotment marked on it, the Nº to face the Allotment it represents. Thus the Stake at corner of Allotments 1 & 2 will have Nº 1 on the front, and 2 on the reverse.

D

See Paragraph. 117



Rock at Corners of Sections and Allotments

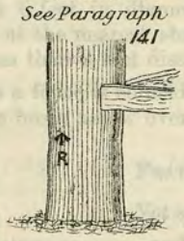
E

See Paragraph 139

17th Mile tree.

ROADS.

See Paragraph 141



mile peg

Corner post of fence.

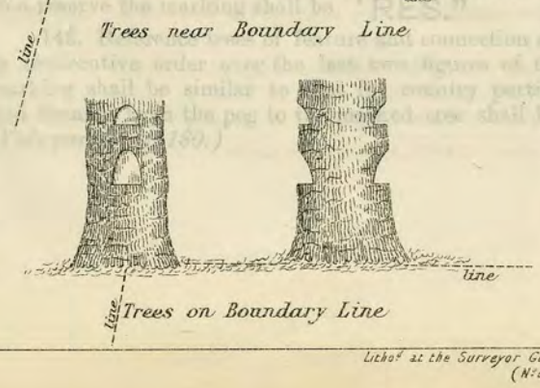
See Paragraph 139

19th Mile post where no tree is near.

F

See Paragraph 122

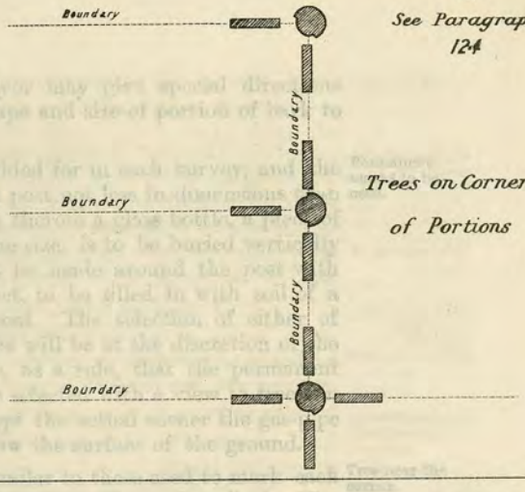
Trees near Boundary Line



Trees on Boundary Line

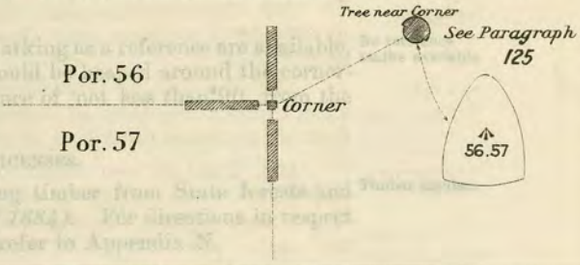
G

See Paragraph 124



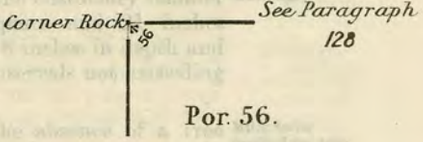
Trees on Corners of Portions

H



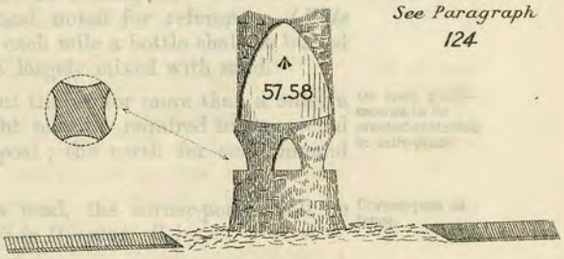
I

See Paragraph 128



J

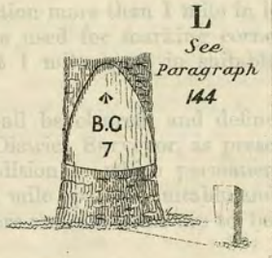
See Paragraph 124



Tree at Corner of Por. 57 and 58.

L

See Paragraph 144



The 7th marked tree. Survey of Boundary between County of Bathurst and Georgiana.

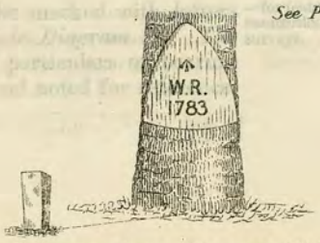
K

See Paragraph 146

The 2nd marked tree of Feature Survey (the letters being used in regular sequence.)

M

See Paragraph 145



Reference tree; Reserve Nº 1783.
Trenches to be cut as in the case of portions.

Lithoᵗ at the Surveyor Generals Office Sydney July 1865
(Nᵒ of Lith. M. 85.43)

described in paragraph No. 131. The District Surveyor may give special directions applicable to locality or class of timber, indicating the shape and size of portion of bark to be removed from corner trees.

134. At least four permanent marks should be provided for in each survey, and the points so marked should be shown on plan. For each a post not less in dimensions than those marking the corners will be used—and in addition thereto a glass bottle, a piece of iron gas-pipe 9 inches by 1 inch, or an iron bolt of same size, is to be buried vertically below the foot of the post; or a square excavation may be made around the post with sides 3 feet in length, and a depth of not less than 2 feet, to be filled in with soil of a different colour, if obtainable, or earth mixed with charcoal. The selection of either of these methods of providing for permanent reference marks will be at the discretion of the District Surveyor. It is neither necessary nor desirable, as a rule, that the permanent mark be placed at the exact corner, and its site should be selected with a view to freedom from interference by fencing, but if it is necessary to adopt the actual corner the gas-pipe or bottle should be sunk not less than 3 feet 6 inches below the surface of the ground. Permanent marks to be used.

135. Where there is a tree near the corner, stakes similar to those used to mark each interval of a mile may be used, and the nearest tree marked as above described. The particulars as to bearing and distance of corner shall be observed and noted as for country portions. Tree near the corner.

136. Where no trees or other suitable objects for marking as a reference are available, a mound of earth 6ft. in diameter, and 2ft. in height should be heaped around the corner-post. The earth for this purpose is to be dug at a distance of not less than 9ft. from the post. No reference marks available.

Timber Reserves—Block Licenses.

137. Licenses are granted for cutting and removing timber from State forests and timber reserves. *(Vide part VI of Crown Lands Act of 1884).* For directions in respect to marking the areas to which such licenses shall apply refer to Appendix N. Timber license.

Roads Surveyed under Act IV Wm. IV No. 11.

138. A road shall be defined on both sides by trees marked in the customary manner *(vide paragraph* 122); and split hardwood stakes, 3 inches square and 21 inches long, 18 inches in the ground, with trenches, 10 links in length and 8 inches in depth and width, shall be inserted at all angles, and on the side measured at intervals not exceeding 10 chains, and also at each mile of continuous measurement. Marking.

139. At each mile the nearest tree shall be marked, or in the absence of a tree within a reasonable distance, a post not less than 4 feet 6 inches long and 9 inches in diameter shall be inserted 2 feet in the ground instead of a peg, bearing inscribed the number of miles. *(Vide Diagram E.)* The figures shall be not less than 4 inches in length and ¾ inch in breadth and depth. The particulars of bearing and distance from the mile-peg to the marked tree shall be observed and noted for reference. *(Vide paragraph 180.)* In cases where there is no timber at each mile a bottle shall be buried at foot of each post or stake, perfectly filled with cement largely mixed with sand. Miles to be marked on tree or post.

140. Where a road may traverse open plains without timber for more than a mile, a mound of earth 6 feet in diameter and 2 feet in height may be required to be erected around the post at the nearest station, or at such mile-post; the earth for such mound to be dug not less than 9 feet distant from the post. On open plain—mound to be erected at station or mile-post.

141. When a fence is coincident with one side of a road, the corner-posts shall be marked with the broad-arrow over the letters RD. *(Vide Diagram E.)* Corner-post of fence.

Feature and Other Surveys.

Not specially provided for above.

142. On feature surveys and on traverses for connection more than 1 mile in length permanent reference marks, similar in character to those used for marking corners of country portions, shall be made at points distant about 1 mile apart in suitable and conspicuous positions, and shall be indicated on the plan. Reference marks.

143. County, reserve, and other like boundaries shall be cleared, and defined by stakes and trenches, the latter at the discretion of the District Surveyor, as prescribed for country portions *(vide paragraphs 121 to 123)*, in addition to which permanent reference marks are to be made at points distant about 1 mile apart in suitable and conspicuous positions. For the purpose of identification, letters and numerals are to be used in regular sequence, as follows:— County, reserve, and other boundaries.

144. The initial letters of the names of the counties shall be used for the boundaries of the same, placed over numerals in regular sequence for that survey. *(Vide Diagram L.)* Reference marks for county;

145. The Gazette number of a reserve shall be inscribed under the letters "W.R.," "P.R.," "Q.R.," &c. *(vide Diagram M)*, which letters are indicative of the object of the reservation *(vide Appendix K)*; and where there has been no number appropriated to a reserve the marking shall be "RES." —for reserve;

146. Reference trees of feature and connection surveys shall be marked with letters in consecutive order over the last two figures of the year. *(Vide Diagram K.)* The marking shall be similar to that for country portions; and the particulars of bearing and distance from the peg to the marked tree shall be observed and noted for reference. *(Vide paragraph 180.)* —for feature and connection surveys.

IV.—DRAWING.

General Directions.

Paper—size and quality of.

147. The best drawing paper shall be used for all plans; and for convenience in transmission and record, plans should be drawn of foolscap size where practicable. All other plans shall be not less than 18 inches in length and 13 inches in breadth. Plans should not be folded for transmission through the post, but should be rolled on rollers, or otherwise protected from damage. Should a plan be damaged through want of proper care in transmission the Surveyor will be required to furnish a duplicate at his own cost.

Transmission of plans.

Plan to be correctly and carefully drawn.

148. A plan shall be accurately plotted; and if, upon inspection, found to be incomplete, faulty, or not up to the standard of professional work, it may be rejected; and when a plan is so rejected, the tracing or tracings supplied to the District Surveyor may also be rejected and the fees of the same disallowed.

Bearings to magnetic meridian.

149. The bearings of all boundaries, traverses, &c., shall be stated relatively to the local magnetic meridian, or to that of adjacent surveys when the azimuth of the previous survey is adopted.

Position of plot.

150. Unless there is sufficient reason to the contrary, plans should be plotted and should read with the north point upwards.

North point.

151. The magnetic north should be carefully placed on every plan; and where the true meridian has been determined by observation the variation of the magnetic meridian should be stated.

Scale to be drawn.

152. On plans of extensive surveys the scale should be drawn during plotting, and should not be less than 12 inches in length; the scale of the plan should also in every instance be stated in writing, except when drawn for photo-lithography.

Scale—for town allotments;

153. Plans of town allotments are usually to be plotted to the scale of 4 chains to 1 inch; but in cases where the allotments may be so small as to render representation on that scale indistinct, larger scales may be used at discretion, such as 2 chains or 1 chain to 1 inch. Where the allotments are to be sold by the foot frontage, the lengths and scale should be stated in feet.

Scale—for suburban portions;

154. Plans of suburban portions are usually to be plotted to the scale of 8 chains to 1 inch; but according to circumstances the scales provided for plans of town allotments may be used.

—for country portions;

155. Plans of country portions are usually plotted to the scale of 20 chains to 1 inch; but the scale may be varied to 10, or 4 chains to 1 inch where the size of the portions would render the use of either of those scales desirable.

—for conditiona leases, &c.

156. For conditional leases under 1,920 acres the plan is to be drawn to the scale of 20 chains to 1 inch; for leaseholds above that area, including homestead leases, to the scale of 40 chains to 1 inch. When the form of an area less than 1,920 acres is such that the plan will be of inconvenient size, the smaller scale may be used.

Special lease—scale of.

157. The plan of a special lease is to be drawn to the scale prescribed for the class of land to which it belongs; but when the area is comparatively small the plan should be drawn to a larger scale.

Scale—for feature surveys.

158. The scale to be used for feature and other surveys is 20 chains to 1 inch, unless otherwise directed.

Boundaries of portions.

159. Boundaries of portions and allotments shall be shown by black lines; and the bearings and lengths of all boundary-lines should be distinctly written along them in black. All bearings should read from zero to 360°.

Traverse lines.

160. Traverse lines of survey are to be numbered and drawn in blue colour *(except as directed by paragraph 168)*; and the bearings or angles and lengths are to be stated in a tabular form on the plan.

Red colour not to be used.

161. Except for edging or tinting portions measured, or for the purposes directed by paragraphs 198 and 199, red lake or carmine is not to be used by Surveyors on their plans, as those colours are used in the office for corrections and additions; vermillion should never be used.

Coloured writing

162. Except for meridian lines, the numbers of traverse lines, the bearings and lengths of connecting lines, the widths, mileage, and mile trees on roads, there shall be no coloured writing on plans.

Bearings of lines not chained.

163. Bearings to distant and remarkable points, and to opposite sides of rivers, &c., and direct bearings by calculation, are to be delineated in blue dotted lines, and the particulars are to be written in like colour.

Connections.

164. All direct bearings and lengths required for describing the relative positions of measured portions shall be calculated by the Surveyor and written on the plan.

Physical features, rivers, and creeks.

165. Lines of coasts, rivers, creeks, &c., are to be shown, where the position is determined with precision, by black lines, and where otherwise by broken black lines; both sides of rivers are to be shown, with an arrow to show the direction of the current.

Trigonometrical stations.

Trigonometrical stations are to be correctly shown when they are upon or adjacent to portions represented on a plan.

Hills.

166. Hills and undulations of the ground are to be carefully represented with the brush or the pen, either in the vertical or horizontal style; they are not to be confined to the lands measured, but are to be represented on either sides of the lines of survey, so far as they can be sketched approximately.

Other features, improvements, &c.

167. The limits of swamps, forests, plains, lands liable to inundation, &c., are also to be represented, and the position and extent of improvements, such as buildings, fences, clearing, &c., on or adjacent to lands measured, are to be clearly shown, and their character and approximate value stated in a note.

168. Roads reserved through portions are to be represented on the plan by black lines, the traversed side being indicated by a firm line, and the opposite side by a broken line, the road reserved being tinted brown. The width should be written along the course of the road, thus:—*Reserved road* 1 *chain (or* 50 *links) wide.* Tracks are to be represented by dotted lines or by brown bands. Reserved roads.

169. All boundaries are to be represented as they are found either as marked lines or walls, or fences, &c. Any discrepancies from the proper relative positions being clearly indicated, and explained so far as practicable in the letter transmitting plan. Particulars of corners and reference trees are also to be indicated as found. The names of grantees and conditional purchasers of adjoining portions with the areas and numbers of the portions or allotments are to be written in black ink. Old boundaries. Old reference marks and particulars.

170. On the plan of a leasehold any area reserved or held under authorized occupation within such leasehold, should be properly delineated. Reserve or tenement within leasehold.

171. All known names of rivers, creeks, hills, lakes, localities, &c., should be written on the plan, care being taken to ascertain and adhere to the correct orthography. Names of features and localities.

172. The plan of a feature survey should, for convenience in compilation, and when desirable, be plotted in sheets, and no sheet should be more than 5 feet long—the scale should be 20 chains to 1 inch. Meridian lines should be drawn through the stations at which meridian observations have been taken; also through stations at or near the extremity of each sheet, the lines to extend to the limits of the paper, and the angle made with one of the adjacent traverse lines shown. The variation between the meridian of the traverse and the true meridian at each meridian station should be stated. Feature surveys. Special directions for.

173. The direct bearing and distance shall be calculated for convenient intervals by the Surveyor, in order to test the plotting of the plan, and shall be delineated by blue dotted line with particulars written in same colour. The reduced bearings of the traverse lines, and the differences of latitude and departure, shall be inserted in pencil in the proper columns of the traverse reference table. *(See Appendix D.)* Feature surveys. Direct bearing and distance

174. The particulars of observations for determination of meridian shall be supplied on plan in the form appended. *(Appendix E or Ea.)* Meridian observations and magnetic variation.

175. The geological and mineralogical character of the land measured, its aspect, suitability to building, cultivation, agricultural or pastoral occupation, the supply of water, character of timber and herbage, &c., are to be recorded on the plan, either by writing across the portions or in a note. Any circumstances such as proximity to a town, a railway, or a main thoroughfare, or being on or adjacent to a navigable river or tidal water, which may give increased value to the land, should also be reported. Topographical particulars.

176. Boundaries for territorial divisions, such as county, parish, municipal and other districts, reserves, &c., shall be represented as defined upon the table of distinguishing boundaries *(Appendix K)*; and where necessary the particulars of the same shall be written in suitable position. Distinguishing boundaries.

177. Portions represented by the plan are to be tinted, and, in addition, edging is to be used to define the area for computation, excluding shingle beds of rivers and frontage watercourses. The edging is to be applied with a brush. Tinting and edging.

178. The area of each portion is to be calculated without using scale measurement, except in the case of converted pre-leases, and is to be written within the portion; and where a road is reserved the area shall be stated as exclusive of reserved road. The following fractional quantities in excess shall be omitted according to the area specified:— Areas. Omission of fractional quantities.

In portions of not more than 1 rood		Less than ¼ perch.
More than 1 rood and not more than 2 acres		Less than ½ perch.
More than 2 acres and not more than 10 acres		Less than 1 perch.
More than 10 acres and not more than 40 acres	If bounded by right lines	Less than 10 perches.*
	If bounded partially by rivers or creeks	Less than 1 rood.
More than 40 acres and not more than 640 acres	If bounded by right lines	Less than 1 rood.
	If bounded partially by rivers or creeks	Less than 1 acre.
More than 640 acres		Less than 1 acre.

179. The numbers will represent either numbers of town sections and allotments, or country and suburban portions in parishes. *(Vide paragraphs* 118 *and* 120.) Numbering.

180. The reference to corners of country and suburban portions, shall be in the following tabular form, the corners being identified by letters in alphabetical order, the character being varied when necessary:— Reference to corners.

Reference to Corners.				
Corner.	Bearing.	From.	Distance in links.	Number on tree.
A	360°	Bloodwood.	50	15, 16
B	265° 30′	Ironbark.	17	17
C	.....	No tree near.	.....	(Stake) 17
D	71° 45′	Swamp oak.	24	17
E	.....	Rock at corner.	.....	16, 17

NOTE.—The bearing and horizontal distance should be stated as from the broad-arrow on the tree to the corner-peg.

181.

Note: The perches (if any) should be entered as 10, 20, or 30 perches, as the case may be, *i.e.*, units are to be omitted.

Title to plan.

181. The title to the plan is to be written without abbreviations, to explain clearly what the plan is intended to represent, indicating the town, parish, and county, if within any or all of these; the numbers of allotments or portions measured, and their general or particular locality, in remote districts.

Particulars under title; measurements for alienation.

182. The words "*Applied for by*," with the names of the applicant in full—or "*measured for sale*," if measured to meet general demand, should be written under the title, and not on the portion itself; and the section of the Act under which the land is applied for should be stated, and also the Land Agent's registration No. and the name of the Land District.

Particulars of other measurements.

183. Where a measurement is made for a purpose other than alienation, such as special lease, reserve, site for public school, cemetery, &c., the particulars should be clearly set forth under the title.

The term "lot not to be used.

184. The word "*lot*," which is specially applied to lots of sale, is not in any case to be used on the Surveyor's plan; "*allotment*" is to be applied to town or suburban allotments in sections, and "*portion*" to other suburban and country portions.

Photo-lithographic drawing for.

185. Plans of town and suburban lands and of country lands measured under certain conditions may be required to be drawn for photo-lithography.

Separate plans

186. A plan shall not represent more than one conditional purchase, improvement purchase, or leasehold, except in the case of a conditional purchase or its associated conditional lease, or when several portions being conditional purchases of the same series are measured about the same time. Portions measured for auction sale at the same time which adjoin each other, or are connected by traverse, should be delineated on one and the same plan.

Amended plan or survey.

187. Whenever an amended plan, or plan of an amended survey is transmitted it should be under cover of a letter, specially stating particulars of original survey. The plan and letter must be headed "*Amended Plan*," or "*Plan of Amended Survey*," as the case may be.

Plan of subdivision of a portion.

188. When the subdivision of a measured portion is authorized, a plan only of the part applied for is to be supplied, the remainder being dealt with in the office without a new plan.

Letter with plan.

189. Each plan shall be accompanied by a separate letter, reporting full particulars as to object of survey, &c.

Declaration by Surveyor.

190. A declaration, specifying date, personal survey, and compliance with these Regulations, shall be written upon the plan and signed by the Surveyor. Specimen plans are appended. *(Appendices, L, La, and Lb.)*

Notes on plan.

191. Particulars of situation, *e.g.*, within a run, within a gold-field. and particulars of improvements (if any), together with the date and number of the letter reporting survey, shall be recorded amongst the notes on the plan.

Tracings of Plans.

192. A tracing of every plan, excepting of town allotments and portions for auction sale under certain conditions, shall be supplied to the District Surveyor under the letter reporting survey; provided that the District Surveyor may direct no such tracing to be supplied. Such tracing shall be on tracing linen of the best manufacture, shall be a copy of the plan, shall be up to the standard of professional drawing, and shall be signed by the Surveyor. The tracing shall be supplied in duplicate or triplicate when required by the District Surveyor. The exception above-mentioned applies to all plans of town allotments, and plans drawn for reproduction by photo-lithography.

Roads.

Paper—quality of.

193. The best drawing paper mounted on linen shall be used for all plans of roads.

Position of plot

194. The survey shall be plotted on the paper longitudinally in the direction of the road, so as to be confined within convenient limits, with the north upwards.

Scales.

195. Where the road is under 5 miles in length, measured from end to end in a direct line, the plan shall be plotted to the scale of 10 chains to 1 inch; and when of greater length to the scale of 20 chains to 1 inch; and sometimes when there is little or no topographical detail, and the road is of considerable length, to the scale of 40 chains to 1 inch; but in the last case, and possibly occasionally in the former, diagrams of parts to a larger scale may be requisite, and are to be drawn in convenient positions on the plan.

Diagrams.

Topography.

196. The boundaries, and all topographical information within scope of the survey shall be carefully and clearly represented.

Particulars of survey.

Preliminary traverse.

Boundaries of portions, &c.

197. The road is to be delineated in red colour, and to be tinted red (lake), and if under 5 miles in length the bearings and lengths may be written along the side traversed, otherwise these particulars are to be inserted in tabular form. The preliminary traverse, (if any), and traverses and measured lengths, and bearings for connections, also bearings to trigonometrical stations, are to be drawn and written in blue colour. The boundaries of all alienated lands, with all particulars appertaining thereto, and all buildings, fences, rivers, watercourses, and other like topographical detail, shall be delineated with Indian ink.

Writing.

198. All writing on road plans shall be black, excepting particulars of traverse as expressed above, widths of roads, the numbers for book of reference, and such particulars of mile-trees or mile-posts as may be written along the traverse. Particulars of reference to mile-trees may be supplied in tabular form as for corners. *(See paragraph 180.)*

199.

199. Tracks are to be indicated by brown lines. The road to be opened is to be coloured red, and any roads which are to be granted in lieu of that to be opened are to be coloured blue; other roads defined by survey are to be coloured brown. A deviation of a road is to be coloured red, and the part of the road thereby superseded or closed, which will revert to the proprietor affected, is to be coloured blue. Except for the purposes specified the colours red, blue, and brown, are not to be used on road plans. Colouring

200. Whenever a road proposed to be opened through alienated land would render unnecessary any existing reserved or boundary road the Surveyor shall so report, and shall describe the roads or the equivalent area of Crown Lands that might be granted in lieu, as provided for under section 69 of the Crown Lands Act of 1884, and such road or roads may be coloured blue upon the plan. Road superseding reserved road

201. Fine faint blue, or black lines, directed to the cardinal points of the compass, crossing each other at intervals of about 6 inches, or a fine line at a stated angle with the magnetic meridan, and extending the length of the paper, together with the scale, should be drawn at the time of plotting; and in a survey where the meridian has been determined the magnetic variation should be stated. *(Vide paragraphs 37, 98, and 103.)* Meridian lines. Other plotting lines.

202. The title of the plan shall express as clearly as possible the description of the road for notification in the Gazette; also specifying proceedings to be taken, whether as a parish road; as a deviation in a road, under Act 4 William IV, No. 11; or land to be resumed for a road under section 110 of the Crown Lands Act of 1884. Title.

203. The plan shall be accurately plotted; and if, upon inspection, found to be incomplete, faulty, or not up to the standard of professional work, it will be rejected. Plan to be correct.

204. A book of reference shall accompany the plan of a road (except where it is not necessary to resume alienated land), and shall contain complete particulars as to ownership and occupation of land affected, enclosures, &c., &c., according to the form appended. *(Appendix H.)* Also, wherever it is requisite to remove or re-erect fences, or provide for new fences, a separate return shall be supplied in the form appended. *(Appendix Ha.)* Book of reference. Return of fencing.

205. The plan, book of reference, and return of fencing, shall be subscribed by the Surveyor, and shall bear the date and number of letter reporting survey. Plan and returns to be signed.

206. Any enclosure severed by a road should, if possible, be delineated in ts entirety, so that claims for fencing and severance may be dealt with, but when too extensive to be brought within scope of the survey and plan, particulars should be afforded in the report. The traverse of fences merely for this purpose is not required. Enclosure severed by a road.

207. The letter reporting survey should contain a full report upon the road proposed to be opened, the character of the land to be resumed, and particulars and value of improvements thereon, the enclosures severed, their uses, and the description of the fencing; together with the particulars of any special damage in respect of occupation, and probable claims for compensation. The report should be complete in all particulars so as to obviate further reference and inquiry when dealing with claims for compensation. Letter reporting survey.

V.—CONVERTED PRE-LEASES.

Marking and Measurement.

208. Leases under the 52nd Section of the Land Act of 1884 shall be surveyed as follows, viz.:— Measured portions adjoining.

209. The lines of approved measured areas to be adopted, re-measurement being unnecessary. Marking of corners common to other portions.

210. Corners to be marked with stakes and reference trees as specified in paragraphs 124 to 126, and when the initial corner is common to a previously-measured portion the letters CPL are to be marked above the old marking, and the stake is to be renewed if found to be decaying; and, instead of trench, a guide-stake in the direction of the boundary-line shall be inserted at 15 links from the corner, such stake to be in dimensions 1 foot long and not less than 2 inches square, driven to within 4 inches of the surface.

211. A new corner shall be marked in accordance with the above, except that the tree and stake or post, as the case may be, will only bear CPL instead of parish number, &c. Marking of new corners.

212. A boundary line starting from previously-measured portion shall be projected on the azimuth of survey of such portion. Azimuth of lines.

213. Stakes are to be driven at intervals of not more than 20 chains, and in sufficiently prominent positions to enable the line to be correctly fenced; and also, at intervals of not more than a mile apart, reference trees or posts, as the circumstances may require, shall be marked or inserted for future reference, to be marked ⅄. Alignment stakes.

214. Instead of the ordinary horse-shoe mark, and in place thereof, a simple blaze will be adopted, exposing but not cutting the wood of the tree, or otherwise assimilating the blaze to the mark used in survey for alienation. Line trees, where not removed in clearing the line, will be marked with two notches on both sides of the tree, in direction of the line instead of the blaze. Line to be blazed.

215. Unless necessary for the preparation of description, common boundary lines of leases need not be measured, but they should be marked; the alignment should be accurate, and stakes inserted visible from, and sufficiently close to, each other to guide fencing. Common boundaries of leases.

Computation of area.

216. In computing areas the boundaries of previously-measured portions will be accepted and their lengths adopted, the differences in azimuth arising from the closing of one survey upon another, when within ordinary limits, need not be taken into consideration. Scale measurements for computation of area where unavoidable may be allowed.

Roads of access or intercommunication.

217. It will devolve upon the Licensed Surveyor at the time of survey to make such provision for intercommunication, or access by roads or tracks, as may be necessary. These should be indicated on the plan by brown colour, the width being written along the course of the road. The area of roads or tracks will be deducted from the area of the lease. Marking will not be required, but the distance of the intersection of one side of a road or track with the boundary of the portion to the nearest corner must be given on the plan.

Limitation of error.

218. As it is not intended to close these measurements by survey, the surveyor will be allowed a margin of difference between the nominal and the computed areas as follows, viz. :—

From 40 acres upwards to 200 acres	5	per cent.
From 200 „ „ to 640 „	3½	„
From 640 „ „ to 1000 „	3	„
Upwards of 1000 „	2½	„

The difference between nominal and computed areas shall not exceed the limit above stated.

Remuneration.

219. For this class of survey the following special rates of payment will be allowed :—

For lines marked and measured, that is, where the lease adjoins Crown land, or where measurement is absolutely necessary for preparation of description	£2 per mile.
For lines which only require alignment and marking	£1 „

In addition to the above rates the local district increase shall apply to surveys situated in the Eastern and Central Divisions of the Colony—

For plan and report £1 1 0

VI.—CORRESPONDENCE.

Letter—Form of.

220. All letters shall be written upon whole sheets of serviceable foolscap paper, with a *third* margin, in a distinct hand, with black ink, and intituled with the subject matter of survey—*e.g.*, "*Conditional Purchase*," "*Roads*," "*Auction Sale*," "*Improvement Purchase*," "*Conditional Lease*," &c., &c. The writing shall follow on consecutive pages.

Subject and No. of letter.

221. Each letter must be restricted to one subject; and all letters or reports should be dated and numbered consecutively as of the year, and addressed to the District Surveyor. Replies to query papers on points of survey and subordinate memoranda should not be numbered as letters.

Heading.

222. The particulars should be written briefly at the head of each letter, not encroaching on the margin, a clear space of an inch being left above such heading. In reporting survey for alienation printed forms of letter are used, copies of which are attached. *(Appendices M, Ma, and Mb.)*

Printed letter forms.

Registration No. of instructions to be quoted.

223. The number and date of any letter or B.C. memorandum replied to, with the marginal number of official registration, should invariably be quoted.

No abbreviations.

224. There shall be no abbreviations used in letters or reports except for quoting the recognized abbreviations for registration.

Envelope to be endorsed.

225. All letters shall be forwarded under envelope, marked "O.H.M.S.," and such envelope should bear the Surveyor's name on the outside left-hand lower corner.

Papers to be returned.

226. All original papers forwarded with instructions must be returned under cover of the letter or report dealing with the same.

Each plan to be accompanied by letter.

227. Every plan to be deposited in the Surveyor General's or District Surveyor's Office shall be accompanied by a letter reporting survey and other particulars. *(Vide paragraph 189.)*

Action taken to be endorsed on papers returned.

228. In returning a letter or B.C. memorandum conveying instructions, after action has been taken on the same, particulars should be briefly endorsed by the Surveyor—*e.g.*, "*Replied to by my letter No.* 82–5;" "*Dealt with by survey under letter 82–6*;" "*Observed and noted.*" Papers forwarded under B.C., as an instruction or reminder, should not be returned until the desired action has been completed.

Instructions, full particulars to be quoted.

229. In a letter reporting survey or other action, full particulars of the instructions should be quoted; and if the instructions have been transferred from another Surveyor, his name should be stated.

Registration No. of papers.

230. Papers are registered in the Lands Department or Local Land Office under several heads, such as "*Conditional Sales*," "*Alienation*," "*Ministerial*," "*Roads*," "*Leases*," "*Miscellaneous*," &c.; it is therefore requisite when quoting a registration number to affix its classification, such as "*C. S.*, 82–13,659, *Cor.* (or *Dep.* or *Sur.*)," "*Aln.* 82–794," "*Minl.* 82–375," "*Roads* 85$\frac{2}{4}$," "*Misc.* 82–1,651." Papers registered by the Local Land Board under the Crown Lands Act of 1884 shall be quoted in similar manner, and by the local number.

231.

NOTE.—For directions as to drawing plans *vide* section IV, especially paragraphs 156 and 170.
For form of letter reporting survey *vide* Appendix Mc.

231. A register shall be kept by the Licensed Surveyor setting forth particulars of all instructions received and action by him taken thereon. Such register will be supplied on application to the Surveyor General or District Surveyor, and is to be considered as the property of the Department, and shall be kept completed to date, and shall be forwarded to the Surveyor General or District Surveyor whenever demanded. Register of Instructions to be kept.

232. When returning papers referred for information, or upon which action may have been taken, the B.C. reply should be written next following the instruction or inquiry. B.C.'s to be written consecutively.

VII.—ACCOUNTS.

233. All moneys will be paid into one of the Banks of the City of Sydney to the credit of the Surveyor or to the credit of any other person under his authority. Private monetary arrangements to the contrary cannot in any way be recognized. Bank account

234. A general authority in the following form for payments on account by the Surveyor General into a Bank, should be duly executed and forwarded whenever required :— General authority for payment.

> I HEREBY authorize the Surveyor General to pay, on my behalf, any moneys due or becoming due to me, for services in connection with his Department, to Bank, Sydney, for transmission to Branch, to my credit, or to the credit of of No. street, Sydney.
>
> (*Signature*)
>
> *Witness*— (*Date*)

235. Much care must be bestowed on the preparation of accounts, which are to be furnished in duplicate, and which cannot be accepted by the Auditor General if vitiated by erasure or interlineation. Account—Preparation of.

236. Printed forms of accounts (*vide* Appendices O, P, Q) are supplied on requisition. Printed forms.

237. Upon receipt of account duly certified by the District Surveyor, an advance will be paid not exceeding 75 per cent. on the amount of account. Advance to be paid.

238. An account shall be rendered for *each* survey performed, and shall be headed according to its classification—*e.g.*, "*Auction*," "*Roads*," "*Conditional Purchase*," "*Improvement Purchase*," "*Conditional Lease*," &c. It is also requisite that an account be rendered for each special service. Separate account for each class of Survey.

239. An account for any service to be paid for under the daily rates, shall be rendered upon printed form provided for that purpose. Such account should specify full particulars of the service performed, *e.g.*, the time occupied in survey, and the time occupied in office work, the lineal measurement, or areas, &c., and should be transmitted with the report. Special account at daily rates.

240. The charge for special service will be subject to consideration, and if in the opinion of the Surveyor General, upon the report of the District Surveyor, the amount charged is excessive for the service rendered it may be reduced. Particulars of such reduction will be intimated to the Surveyor by returning to him a copy of such account as passed and paid. Special charge subject to consideration and reduction.

241. No claim in respect of any correction or reduction in account will be entertained after a lapse of six months from payment of balance. Settlement not re-opened.

242. Accounts should be rendered if possible during the year in which the service is performed or not later than twenty-one days after the close of the year; otherwise the Department cannot be held responsible for delay which may occur in payment. Term for accounts to be rendered.

243. Schedule of rates for surveys for each portion, subject to authorized local increase to meet difficult circumstances of survey :—

1. For boundaries of portions, 9d. per chain up to 80 chains, and 6d. per chain for the remainder.
2. For marked new corners of portions and corners of town sections, 5s. each.
3. For each other corner, 2s. 6d. each.
4. For roads not exceeding 3 chains in width, reserved out of portions, to be marked on both sides, £3 per mile of road.
5. For roads or driftways exceeding 3 chains in width, reserved out of portions, per chain on each side, 6d.
6. For survey of ranges and water-courses, 6d. per chain.
7. For other connections, 4½d. per chain.
8. For comparison of meridian of portions connected by traverse for description or compilation purposes, 10s.
9. For determination of the true north, £1.
10. In respect of adjoining areas the survey to be paid for shall not include lines measured by the same surveyor within one year; in respect of homestead leases, the survey to be paid for shall not include lines previously measured unless, in the opinion of the District Surveyor, re-measurement and re-marking are required.
11. Subdivision of measured portion to be paid for at the above rates.

5—85 (c)

12. Survey of roads under the Parish Roads Act, £4 per mile.
13. For feature surveys, £2 per mile.
14. For reserve and other boundaries marked, the same rates as for portion surveys.
15. For tracings of plan supplied to District Surveyor, at the rate of 2½ % on the fees for survey (without the local increase).
16. Daily rates—Field service, £3 3s. per diem ; office service, £2 2s. per diem.
17. Leased areas, except converted pre-leases, to be paid for at the above rates.
18. The above schedule of rates may be subject to discount or augmentation by special contract.

NOTE.—*For the application of the scale of fees to the various classes of survey see forms of account with diagrams attached.* (*Vide Appendices* O, P, Q.)

I acknowledge that I have this day received a copy of the foregoing Regulations, and I agree with the Surveyor General, on behalf of the Government of New South Wales, and declare that all work at any time hereafter done by me for the said Government, under instructions from the Department of the Surveyor General or from any District Surveyor, shall and will be done and performed under and in accordance in all things with the said Regulations and of the instructions forwarded to me; that payment for such work is to be made to me at the rates, and at the times, and in manner mentioned in the said Regulations, whether the said Regulations are or are not referred to in the instructions from time to time forwarded to me; that in respect of all work done by me I shall not have any claim or demand in respect of any matter or thing not provided for in the said Regulations; and that the acceptance by the Surveyor General, District Surveyor, or officer duly authorized for that purpose, of any work done by me as before mentioned shall be a condition precedent to my having any claim or right of action for any money said to be due to me for work done under the said Regulations.

J. B. Wilson

Dated the 9th *day of* April A.D. 1886

SYDNEY N.S.W. 16-12-86 U

Witness to Signature— W. Wilson

APPENDICES.

APPENDIX A.

INSTRUMENTS to be provided by a Licensed Surveyor, and to be subject to the approval of the Surveyor General. Par. 3.

One (1) Theodolite, not less than 5 inches diameter.
Two (2) Steel Ribands, 66 feet long; one to be used for adjusting and testing the riband and chain used for measurement.
One (1) Gunter's Chain.
One (1) Light steel riband, not less than 500 links long.
One (1) Metal Parallel Ruler, not less than 18 inches long.
One (1) Metal Protractor, not less than 6 inches in diameter, or a carboard protractor.
One (1) Set of Chain Scales, and other necessary drawing instruments.

APPENDIX B.

Par. 36.

31st Clause of the Mining Act, 1874.

Races to be reserved on sale of Crown Lands

31. When at the time of any sale or alienation of Crown Lands under the "Crown Lands Alienation Act of 1861" or any other Act relating to the sale or alienation of Crown Lands now or hereafter to be in force any race drain dam or reservoir flows through or over or is upon any portion of such land although no reservation or exception thereof be contained in the Crown grant of such land no person unless specially authorized thereto by the Secretary for Lands shall obstruct or interfere therewith.

APPENDIX Ba.

EXTRACTS FROM ACT OF COUNCIL, 4 WM. IV. No. 11.

PART OF CLAUSE No. 2. Par. 93.

"And it shall and may be lawful to open and make such road through any land soever in the said Colony whether such land be wasted or cultivated unless the same shall at the time of such notice be enclosed by a stone or brick wall or in actual use as a garden churchyard or cemetery or as an avenue planted walk or lawn or as a yard garden or orchard or enclosed and planted as an ornament or shelter to a house or planted and set apart as a nursery for trees or situated within two hundred yards of any mansion house being the principal house on such land or enclosed for the purpose of carrying on any manufactory."

CLAUSE 23.

Power to enter Land and to get materials for making or repairing Roads.

"And be it further enacted That for the purposes of tracing marking opening altering turning repairing or improving any roads or ways within the said Colony and for performing every act matter and thing under the provisions of this Act it shall be lawful for the Surveyor General or any person appointed by him in such behalf and for his and their servants workmen and labourers at all times hereinafter and with all necessary and proper carriages oxen and horses and other means to enter upon all or any lands adjacent to the said line of roads and then and there severally to do and perform all acts matters and things hereby required by him or them to be done."

CLAUSE 26.

Penalty for resisting Surveyor General.

"And be it further enacted That in case any person or persons shall resist or in any manner forcibly oppose the said Surveyor General or any person or persons employed in the due execution of this Act every such person so offending therein shall for every such offence forfeit any sum not exceeding five pounds at the discretion of the Justice or Justices of the Peace before whom he or she shall be convicted who is and are hereby authorized and empowered to hear and determine the matter in a summary manner."

APPENDIX Bb.

Par. 109.

COPY OF ACT 16 VICTORIÆ No. 15.

Government Survey-mark.

An Act to fix a Survey-mark to be used on Surveys conducted for the Government and to prohibit the unauthorized use of such marks and for the preservation of Official Landmarks and Beacons. [19 August, 1852.]

BE it enacted by His Excellency the Governor of New South Wales by and with the advice and consent of the Legislative Council thereof as follows:—

Private Surveyors and other persons not to use official survey-marks.

1. In the conduct of official surveys made by the direction or under the authority of the Government the distinguishing mark to be hereafter used by the Surveyors appointed or licensed by the Government to conduct the same shall be in the form of a broad-arrow which mark shall not be used by private surveyors or other persons not authorized on that behalf by the Government and every person who shall make or use such mark in marking any boundary or so as to appear to indicate a boundary of any land except in the conduct of an authorized official survey shall for every such offence forfeit and pay a sum not exceeding ten pounds to be sued for and recovered summarily before any two Justices in Petty Sessions by any person whom Her Majesty's Attorney-General may authorize to proceed for the recovery thereof. Penalty.

Penalty for unauthorized defacement or destruction of survey-marks landmarks or beacons.

2. And if any person shall wilfully obliterate remove or deface any such survey-mark as aforesaid or any landmark or beacon which shall have been erected by or under the direction of an officer of the Survey Department or a Surveyor licensed by the Government such person shall for every such offence forfeit and pay to Her said Majesty a sum not exceeding ten pounds to be sued for and recovered in manner aforesaid. Provided always that nothing herein contained shall render the owner or occupier of any land liable to any penalty for the removal of any tree thereon upon which any such mark shall have been made which he may desire to remove in fencing clearing or otherwise improving such land.

NOTE.—See also Section 134 of the Crown Lands Act of 1884.

APPENDIX C.

LIST OF ACTS OF PARLIAMENT.

Par. 3. Required for reference in the survey of Crown Lands for Alienation and Occupation, and in the survey of Roads.

The Crown Lands Alienation Act of 1861.

The Crown Lands Occupation Act of 1861.

The Lands Acts Amendment Act, 1875.

The Lands Acts Further Amendment Act, 1880; and the Crown Lands Regulations thereunder.

The Mining Act, 1874.

Act 16 Victoriæ, No. 15 (*relating to the use of the Government Survey-mark. Appendix Bb.*)

The Crown Lands Act of 1884, and Regulations.

2 William IV No. 12. The Tolls Act (9th March, 1832).

4 William IV No. 11. An Act for making, altering, and improving the Roads throughout the Colony of New South Wales, and for opening and improving the Streets in the towns thereof (28th August, 1833), commonly known as the "Parish Roads Act."

2 Victoria No. 2. An Act for regulating the Police in the towns of Parramatta, Windsor, Maitland, Bathurst, and other towns respectively, and for removing and preventing nuisances and obstructions, and for the better alignment of Streets therein (10th August, 1838), commonly known as the "Country Towns Police Act."

4 Victoria No. 12. An Act to provide for the making and repairing of Parish Roads in the Colony of New South Wales (23rd September, 1840).

19 Victoria No. 10. An Act to amend the Country Towns Police Act as respects the Alignment of Streets (7th September, 1855), commonly known as the "Country Towns Streets Alignment Act."

21 Victoria No. 8. An Act for managing and upholding the Main Roads of the Colony (7th June, 1858), commonly known as the "Main Roads Management Act."

31 Victoria No. 12. The Municipalities Act (23rd December, 1867).

35 Victoria No. 2. An Act to amend the Main Roads Management Act (22nd June. 1871).

39 Victoria No. 10. An Act to repeal the Public Gates Act of 1873, and to authorize the erection of Public Gates across certain roads (2nd August, 1875), commonly known as the "Public Gates Act."

45 Victoria No. 28. An Act to regulate the width of Streets and Lanes, and for certain other purposes (20th December, 1881), commonly known as the "Streets and Lanes Act."

37 Victoria No. 13 An Act to further amend the Mining Act.

44 Victoria No. 16. The "Land for Public Purposes Acquisition Act."

36 Victoria No. 23. Commons Regulation Act of 1875.

45 Victoria No. 15 Dedication of User Limitation Act of 1881.

48 Victoria No. 16. The Public Watering Places Act of 1884.

48 Victoria No. 22. Public Parks Act of 1884.

APPENDIX D.

Par. 173.

TRAVERSE TABLE on plan of Feature Survey.

Reference to Traverse.							
Line.	Azimuthal Bearing.	Bearings by Cardinal points.	Distance.	North.	South.	East.	West.

APPENDIX E.

37, 45, 98, 10 174.

OBSERVATION for Meridian.

Station.	Latitude.	Star.	Azimuth.	True Bearing.	Magnetic Bearing.	Variation.

APPENDIX Ea.

37, 45, 98, 103, 174.

FORM for Record of Solar Observations for determining Meridian.

Locality.		Approximate Latitude. ° ′ ″		Date	
Time of observation.	Limb observed.	Altitude.	Horizontal Arc.	Sums of Readings.	Remarks.
h. m.		° ′ ″	° ′ ″		
A.M. ...	L				
P.M. ...	R				
A.M. ...	L				
P.M. ...	R				
A.M. ...	L				
P.M. ...	R				
			Sum		
			Mean		

Apparent Meridian .....

Correction for difference of Longitude .....

Meridian ..... Magnetic Variation.

Name of Surveyor.

Par. 10

APPENDIX F.

RETURN for the month of (a) 18 ,
by Mr. Surveyor, containing Statement of Unfulfilled Instructions, Report of Progress, and Proposed course of Duty.

Instructions.		Report of Services performed (b).					
No.	Date (c).	Applicant.	Area.	Parish No. & Name.	County.	Date and No. of Letter of Transmission.	Remarks.

Report of Progress (d).

The District Surveyor, (*Signature.*)
(*Date.*)

DIRECTIONS TO BE OBSERVED IN FILLING UP THIS RETURN.

THIS Return to be forwarded to the District Surveyor, on or before the 7th day of the month. All unfulfilled instructions are to be quoted, whether issued direct by the Surveyor General, by or through the District Surveyor, or transferred by another Surveyor. Under the column headed Marginal No., the Register No. of the paper is to be inserted, such as $84\frac{337}{14}$ Rds., C.S., 82–1,819 Cor. (or Sur. or Dep.), &c. Instructions incomplete, such as surveys effected, the plans of which have not been drawn, or are being prepared but not transmitted, must appear under Unfulfilled Instructions, with the state of the work noted under remarks, *e.g.*, land measured, plan not drawn, &c.

(a) The month then ended.
(b) That is, all instructions which have been completed and plans or reports transmitted, or which have been returned unacted on or transferred to another Surveyor.
(c) If the instructions issued to another Surveyor, his name should be inserted.
(d) Under this heading should be stated in a general way the work actually performed, either in the field or office, during the month. A reference will be sufficient to the instruction numbers, the subject of which should appear in detail, either under "services performed" or "unfulfilled."

Continued over.

APPENDIX F—*continued.*

PROPOSED COURSE OF DUTY for the month of (*a*) 188

(*b*)

(*a*) The month ensuing.
(*b*) State in a general manner the proposed course of duty, merely quoting the numbers of the instructions proposed to be acted on, in the order in which they will probably be taken in hand.

UNFULFILLED INSTRUCTIONS in the hands of Mr. Surveyor on the 1st , 188

Instructions. (*a*)			Particulars of Instructions.			Remarks.
Marginal No. (*b*)	No. (*c*	Date. (*d*)	Applicant.	Area.	Parish or Locality.	

(*a*) Instructions should be entered in consecutive order; or, if not issued direct according to date.
(*b*) The registration number of the paper on which the instruction issued. See paragraph.
(*c*) If the instructions were originally issued to another Surveyor, his name should be given either under the instructions or in the column for remarks. If issued by or through the District Surveyor, the letters 'D.S. under the instruction number will be sufficient.
(*d*) The date of issue from the District Survey or Surveyor General's Office.

Par. 26]

APPENDIX G.

GENERAL CEMETERY.

Selection of site.

1. In selecting a site for a General Cemetery the following points should be observed, viz.:—The Cemetery must be outside the town limits; as a general rule the distance should not exceed two (2) miles from the probable nucleus of town settlement, and therefore may be within suburban limits. The position should be remote from the noise and interruption of traffic, but easy of access; the site should be elevated, and not in close proximity to a watercourse; the soil should be friable, and should be tested by digging a pit at least 6 feet deep, such pit to be indicated on plan; and the conditions should be otherwise suitable for burial purposes.

Trial pit.

Dedicated area.

2. A Cemetery is dedicated under the 104th section of the Crown Lands Act of 1884; and in respect of survey it is convenient to treat the area as a reserve for a special purpose; and it should be defined accordingly on the ground by marking the reference trees at corners, or the corner posts thus, CEMETERY, and numbering the allotments thus, 1, 2, 3, &c., as of town section.

Mode of Marking

Areas of allotments.

3. With respect to areas to be appropriated to the several religious sects, the minima should be as follows, viz.:—1 rood for Jews, 3 roods for Independents, 1 acre for Presbyterians, 1 acre for Wesleyans, 3 acres for Church of England, and 2 acres for Roman Catholics. These areas may be increased under certain circumstances, *e.g.*, where a new General Cemetery is required for an established populous settlement, or where certain sects greatly exceed the usual proportion.

Areas may be increased.

Area for general purposes.

4. An allotment is frequently set apart for general purposes, *i.e.*, for burial other than under the beforementioned denominations; the area is dependent upon the design of sub-division, and may vary from 1 to 5 acres.

Design to be adapted to conditions of site.

5. The form of measurement should be adapted to the natural conditions of site; it is generally practicable to project a symmetrical compact design.

Ornamental plantation and caretaker's residence.

6. It is desirable to provide an area for ornamental plantation around a Cemetery; and this arrangement will admit of ready extension of allotments and the erection of a caretaker's residence, waiting-rooms, &c.

Plan.

7. The plan should be drawn to the scale of 4 chains to 1-inch, and should be intituled

Plan of a General Cemetery

at _____

Parish of _____

County of _____

to be dedicated under the 104*th section of the Crown Lands Act of* 1884.

8. The area of the Cemetery in its entirety should be tinted yellow, and the boundaries of allotments should be edged with a darker tint of the same colour. The areas of the several allotments should be stated in figures.

Letter.

9. The letter reporting survey should be comprehensive.

APPENDIX H.

BOOK OF REFERENCE OF ROAD from to to be opened as a Road, under the Act of Council 4 William IV, No. 11.

No.	Portion of Road.	Reputed Owner.	Occupier.	Character of Land.	Bearings.	Length in chains.	Enclosures.	Character and State of Preservation of Fencing.	Cultivation.	Breadth of Road.	Area.	Remarks.

Note 1.—Each number will indicate such part of a road as it may be necessary to describe separately, generally that part within each separate Estate.

,, 2.—The part of a road to which the No. applies should be described as "from the south boundary of John Smith's 600 acres to the boundary between that land and Thomas Jones' 50 acres." From the last-mentioned boundary to, &c. &c.

,, 3.—The names in full of the reputed owners should be ascertained by inquiry, failing such information the name of the grantee from the Crown to be inserted.

,, 4.—The names in full of the occupier should, by careful inquiry, be ascertained on the ground.

,, 5.—The character of land should be described, *e.g.*. open forest, country unimproved ; open plain country, improved by enclosure ; enclosed and under or suitable for cultivation.

,, 6.—The bearings should be stated so as to read from North or South to East or West, as "N. 50° E," but where they are numerous and shown in a table on the plan the general bearing need only be stated as "north-easterly.'

,, 7.—In the column of remarks may be introduced information which cannot conveniently be inserted in any of the other columns ; such as the dedication of the portion of the road to the public, in the su - division of surrounding land. Thoroughfare acquired by user, &c.

Par.

APPENDIX Ha.

ROAD FROM

TO

MEMORANDUM, showing the names of the Owners, or reputed Owners, of the enclosed Lands through which the above-mentioned Road passes, the length of new fencing required to be erected within each enclosure, and the cost thereof. Also the length of the existing fences which will require removal, and the cost of their re-erection.

Names of Owner or reputed Owner (in full).	Names of Occupier (in full).	Length of Fencing required.		Cost per Rod.	Total Cost.
		New.	Old to be removed and re-erected.		
		Chains.	Chains.		

Par. 7.

APPENDIX I.

LIST OF INSTRUCTIONS transferred by Licensed Surveyor

To whom originally issued.	Date and Number.	Marginal No., Description and Date.	Name of Applicant.	Purpose.	To whom Transferred.	Date of Transfer

CIRCULAR MEMO.—Surveyors making transfers are requested to forward returns of same with their monthly progress journals, in the tabulated form shown above. The names of Surveyors should be quoted in full.

Par. 145.176

DISTINGUISHING BOUNDARIES

ABBREVIATIONS &c

Boundary	Shewn thus
Colony	—+—+—+—+—+—+—+—
Divisions under the Act (boundary between)	—oo—oo—
Pastoral District	—o—o—o—o—o—o—
do. Runs	—x—x—x—x—x—x— see note ❋
County	—x—x—x—x—x—x—x—x—
Parish	—.—.—.—.—.—.—.—
Town	—..—..—..—..—..—..—
Suburban	—+..—+..—+..—+..—+..—
Town Police Act	—+.+.—+.+.—+.+.—
Police District	+ — — + — — + — — + — —
Land do.	— — ++ — — ++ — — ++ — —
Proclaimed Gold Field	—ı—ı—ı—ı—ı—
Res. from C P within a Gold Field	—ıı—ıı—ıı—ıı—
Population Area	- - - - - - - - - - - - - - - - - - -
Electoral District	—.+.—.+.—.+.—.+.—
Municipal do.	— — — x — — — x — — — x — — —
Leasehold Area	+++— +++ — +++ — +++ —
Special Area	— — — xx — — — xx — — — xx — — —

TEMPORARY RESERVES FROM SALE

- **W.R.** *Water Reserve*
- **Q.R.** *Quarry do.*
- **C.R.** *Camping do.*
- **F.R.** *Forest do.*
- **A.R.** *Aboriginal do.*
- **V.R.** *Village do.*
- **G.R.** *Old Government do.*
- **T.S.R.** *Travelling Stock do.*
- **R.R.** *Railway do.*
- **P.R.** *Public Camping do.*
- **R.R.F.** *Res. for Refuge from Flood*
- **R.** *Other Reserves*

Shewn thus — — . — — . — —

Reserve from Lease & open to C.P. ⊥ ⊥ ⊥ ⊥ ⊥

do. from Sale & Lease ⊥ — . ⊥ — ⊥ — ⊥

Railways on plans of portions shewn thus ═══════

do. on small scale compilations shewn thus ━━━━━━

Fences shewn thus (*when on the boundary of a portion* ....
(*when not on a boundary* —/—/—/—/—/—/—/—/—/—/—/—/—

Surveyed Reserved Roads shewn thus ═══════ *Tracks shewn thus* - - - - - - - *or by brown band*

Telegraph Lines shewn thus —ρ—ρ—ρ—ρ—ρ—ρ—ρ— *Trigonometrical Station shewn thus* △

C.P. placed after the Applicants name denotes a Conditional Purchase

A.C.P.	*do.*	*do.*	*do.*	*Additional Conditional Purchase*
N.R.C.P.	*do.*	*do.*	*do.*	*Non-residential do. do.*
I.P.	*do.*	*do.*	*do.*	*Improvement Purchase*
C.L.	*do.*	*do.*	*do.*	*Conditional Lease*
C.P.L.	*do.*	*do.*	*do.*	*Converted Pre-Lease*
H.L.	*do.*	*do.*	*do.*	*Homestead Lease*
Sc.L.	*do.*	*do.*	*do.*	*Scrub Lease*
S.L.	*do.*	*do.*	*do.*	*Special Lease*
M.L.	*do.*	*do.*	*do.*	*Mineral Lease*
V.L.O.	*do.*	*do.*	*do.*	*Volunteer Land Order*

NOTE - *When two boundaries are identical such as County and Parish the more important should be adopted; but where it is found necessary to adopt a combination of boundaries it should be as clear as possible; such as has been done in "Reserve from Sale & Lease"*

❋ *On maps on a scale of 2 miles to an Inch Run Boundary to be shewn thus* —x—o—x—o—x—o— *the* o *representing mile intervals, to which will be added if marked, the number of the mile tree and broad-arrow thus* —x—o VIII—x—o IX—x—o X—

Lithographed at the Surveyor General's Office July 1885
N° of Lith. M. 85.42.

(Par. 190.)

LAND DISTRICT

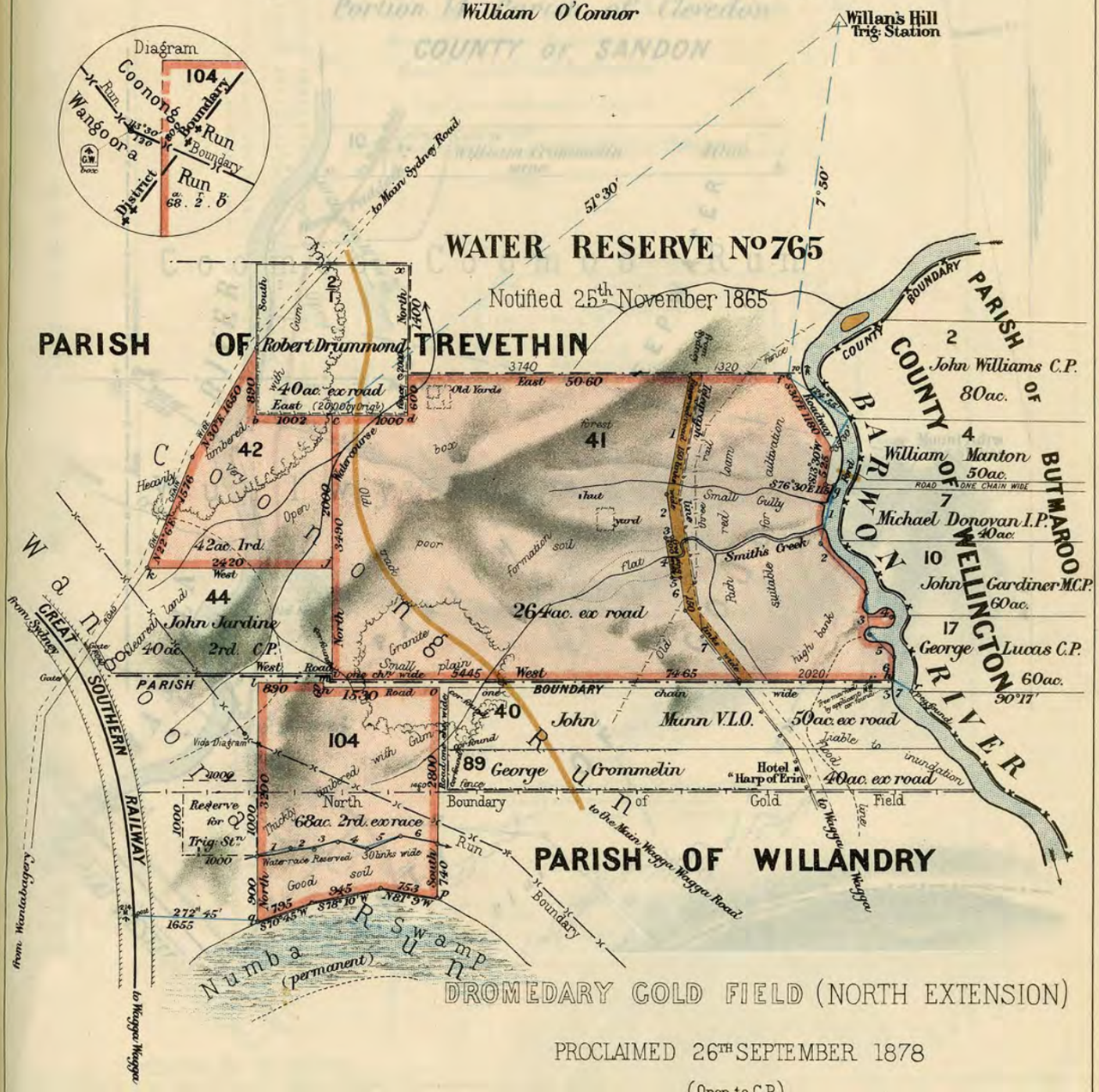
PLAN

of Portions 41 and 42 Parish of Trevethin and Portion 104 Parish of Willandry

COUNTY OF MOSSGIEL

Applied for under the Section of the Crown Lands Act of 1884 by

William O'Connor



Azimuth taken from d x

Reference to Corners

Corner	Bearing	From	Links	No. on Tree
a	270°	gum	7	42
b	20°10'	gum	13	1 - 42 (Nearest but one destroyed)
c	175°40'	gum	2	41 - 42
d	180°21'	box	18	1 - 41
e	240°30'	box	20	41
f	47°17'	box	12	41
g	300°27'	box	20	41
h	17°40'	box	10	41
i	170°20'	gum	9	41
j	200°16'	box	17	42 - 44
k	Stake			42 - 44
l	At corner gum			104
m	20°	gum	5	104
n	45°	gum	2	104
o	Stake			104
p	130°20'	gum	10	104
q	200°30'	gum	27	104
r	107°	apple	16	17
x	20°10'	box	4	1

Value of Improvements (On par. 41 hut £100 yard £10 applicant's Old yard £6 bal. 3 rail fence (assess) £20. On por. 42 and 104 nil.

Portions 41 & 42 Situated in the Coonong Run
Portion 104 situated in the Coonong & Wangoora Runs
Portion 104 partly within the Dromedary Gold Field

Reference to Traverse

Line	Bearing	Distance
River Traverse		
1	191°25'	680
2	137°30'	900
3	176°00'	570
4	86°00'	330
5	129°30'	510
6	194°44'	318
7	117°25'	300
Road Traverse		
1	190°30'	1650
2	170°25'	555
3	260°25'	100
4	170°25'	560
5	80°25'	100
6	170°25'	450
7	141°8'	1188
Race Traverse		
1	80°30'	490
2	90°00'	315
3	71°00'	340
4	103°30'	410
5	67°35'	460
6	100°51'	485
3 to h	N42°30'E	110

Scale 20 Chains to an Inch

I hereby certify that I in person made, and on the 8th Oct. '81 completed the survey represented on this plan, on which are written the bearings and lengths of the lines measured by me, and I declare that the survey has been executed in accordance with the regulations published for the guidance of Licensed Surveyors, and the practice of the Surveyor General's Department

Thomas Williams.
Licensed Surveyor.

Notes in reference to Specimen Plan

For Title	See Par. 181
Hills may be represented in any of the styles set forth in	Par. 169
Traverse lines and numbers to be in blue notwithstanding that numbers are shewn in black on this plan	Par. 160
Road	Par. 153
Boundaries - lengths and bearings	Par. 159

Transmitted to the District Surveyor with my letter of October 10th No 81/75

(of Lith. M 85-49)

(Par. 190.)

~~See notes on Specimen (plan, appendix I.)~~

PLAN

of Connection between

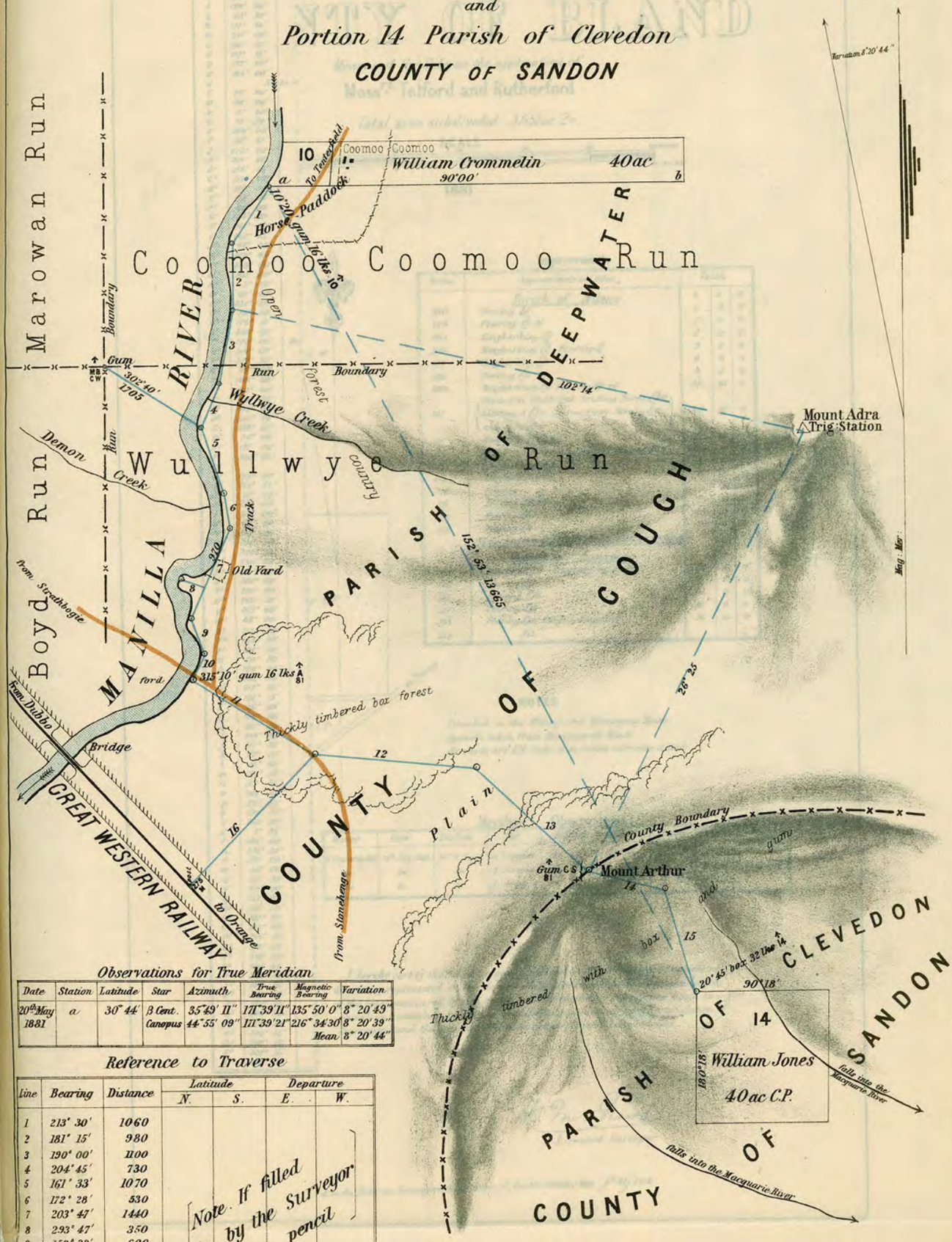
Portion 10 Parish of Deepwater

COUNTY OF COUGH

and

Portion 14 Parish of Clevedon

COUNTY OF SANDON



Observations for True Meridian

Date	Station	Latitude	Star	Azimuth	True Bearing	Magnetic Bearing	Variation
20th May 1881	a	30° 44'	β Cent.	35°49' 11"	171°39'11"	135°50' 0"	8° 20'49"
			Canopus	44°55' 09"	171°39'21"	216° 34'30"	8° 20'39"
						Mean	8° 20'44"

Reference to Traverse

Line	Bearing	Distance	Latitude N.	Latitude S.	Departure E.	Departure W.
1	213° 30'	1060				
2	181° 15'	980				
3	190° 00'	1100				
4	204° 45'	730				
5	161° 33'	1070				
6	172° 28'	530				
7	203° 47'	1440				
8	293° 47'	350				
9	158° 32'	600				
10	206° 17'	375				
11	123° 13'	2160				
12	95° 29'	2430				
13	133° 14'	2250				
14	102° 59'	1200				
15	165° 12'	1630				
16	224° 28'	2740				

[Note. If filled in by the Surveyor to be in pencil]

Azimuth taken from ab.

Scale 20 chains to 1 inch

I hereby certify that I in person made and on the 10th October 1881 completed the survey represented on this plan, on which are written the bearings and lengths of the lines measured by me, and I declare that the survey has been executed in accordance with the regulations published for the guidance of Licensed Surveyors and the practice of the Surveyor General's Department.

Thomas Williams
Licensed Surveyor

Transmitted to the District Surveyor with my letter dated 12th October No 81/80

No of Lith M 85-50

B.1135.1946.

PLAN

of 6 portions Numbered 125 and 126. and 131 to 134 in the

PARISH OF MEMAGONG

and 27 portions Numbered 98 to 124 in the

PARISH OF MILONG

COUNTY OF BLAND

Measured for Sale on the application of

Messrs Telford and Rutherford

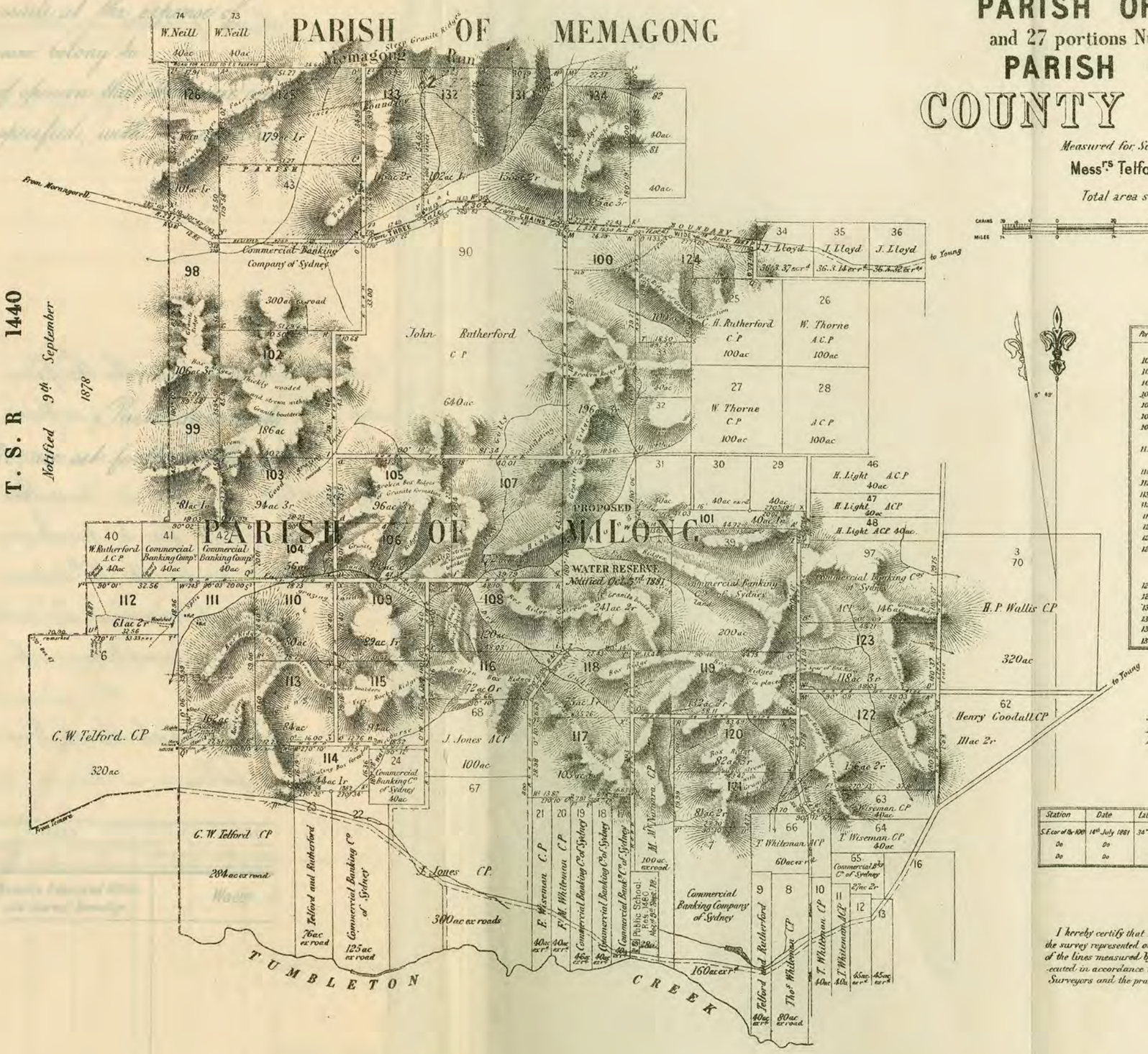
Total area subdivided 355¼ac. 2r.

SCALE

1881

Reference to Corners

Corner	Bearing	From	Links	K° on Tree
A	210° 15'	Box	52½	98
B	334° 45'	Box	14	98 . 99
C	216° 45'	Box	1.10½	99 . T.S.R
D	89° 15'	Box	35	99 . 103
E	255° 00'	Box	47	102 . 103
F	218° 30'	Box	10	98 . 99
G	229° 00'	Box	45	43 . 102
H	13° 00'	Box	66½	102
I	328° 30'	Box	43½	102 . 103
J	267° 15'	Box	17	105 . 107
K	199° 00'	Box	15	107 . RES
L	60° 30'	Box	75	100
M	172° 45'	Box	104	100
N	334° 00'	Box	85½	100
O	346° 15'	Box	14½	124
P	112° 15'	Box	43	124
Q	177° 00'	Box	15	124
R	165° 00'	Box	10	25 . 124
S	Stake only (Tree rotten)			
T	74° 00'	Box	17	124
U	101° 00'	Box	37	32.31.100
V	11° 30'	Box	58	31 . 101
W	72° 30'	Box	64½	101 . RES
X	350° 00'	Box	20	29 . 101
Y	48° 45'	Box	66½	101
Z	210° 00'	Box	58	101
A'	291° 00'	Box	35	101 . 39
B'	215° 15'	Gum	75	97 . 123
C'	312° 00'	Box	83	37 . 123
D'	250° 30'	Box	117	123
E'	172° 00'	Apple	16	122 . 63
F'	66° 30'	Box	12	63 . 122
G'	174° 30'	Box	17	66 . 122
H'	241° 30'	Box	50	122
I'	162° 15'	Box	58	122
J'	47° 00'	Box	52	120 . 121
K'	219° 45'	Box	25	120
L'	149° 00'	Box	9	119
M'	203° 00'	Gum	15	122
N'	2° 00'	Box	51	123
O'	52° 00'	Box	43	39 . 119
P'	351° 00'	Box	31	119
Q'	38° 30'	Box	16	119
R'	175° 15'	Box	58	120
S'	358° 00'	Box	57	120 . 121
T'	172° 00'	Box stump	15	66 . 121
U'	201° 45'	Box	47	7 . 121
V'	322° 30'	Box	119	7 . 121
W'	48° 00'	Box	80	17 . 117
X'	160° 00'	Box	8	117 . 118
Y'	110° 00'	Box	21½	117 . 118
Z'	129° 30'	Box	17	118
A²	298° 00'	Box	91	122
B²	355° 30'	Box	22	17 . 117
C²	190° 00'	Box	28	18 . 117
D²	34° 00'	Box	35	18 . 117
E²	171° 00'	Box	34	19 . 117
F²	300° 00'	Box	30	19 . 117
G²		Box	48	20 . 117
H²	127° 00'	Box	88	21 . 117
I²	221° 45'	Box	95½	117 . 118
J²	12° 00'	Box	28½	114
K²	238° 00'	Gum	67	22 . 114
L²	68° 00'	Gum	16	23 . 114
M²	43° 00'	Box	97	114 . 76
N²	310° 00'	Box	110½	113
O²	291° 00'	Box	54½	113
P²	326° 30'	Box	68½	113 . 110
Q²	250° 00'	Post of Store	1	71 . 111
R²	12° 15'	Box	51	111 . 113
S²	240° 00'	Box	41	110 . 111
T²	219° 00'	Box	44	6 . 112
U²	280° 30'	Box	59	112
V²	237° 00'	Box	45	112
W²	68° 00'	Box	71	112 . 111
X²	117° 30'	Box	50	126
Y²	155° 30'	Box	54	126
Z²	128° 30'	Box	22	126
a	50° 30'	Box	68	105
b	180° 00'	Box	2	42 . 104
c	285° 30'	Box	35	103 . 104
d	217° 30'	Box	79	105 . 106
e	162° 15'	Box	20½	105 . 106
f	36° 30'	Box	45	106 . 107
g	146° 30'	Box	31½	107
h	191° 00'	Box	56	108
i	314° 00'	Box	62	108 . 116
j	317° 30'	Box	42	116 . 68
k	62° 15'	Box	11	116 . 68
l	24° 00'	Box	63	115
m	127° 30'	Box	34½	115
n	145° 45'	Box	19	115
o	285° 30'	Box	69	115
p	332° 30'	Box	38½	115 . 109
q	279° 30'	Box	18	115 . 109
r	258° 30'	Box	39	108 . 116
s	2° 45'	Box	5" N	108
t	346° 00'	Box	42	108
u	276° 30'	Box	15	105
v	270° 00'	Box	35	104
w	65° 00'	Box	65	110
x	75° 30'	Box	42	109
y	49° 00'	Box	36	110 . 113
z	153° 00'	Box	39½	113
A³	110° 15'	Box	53	125
B³	207° 00'	Box	28	43 . 125
C³	267° 00'	Box	35	43 . 125
D³	256° 15'	Box	36	125
E³	310° 00'	Box	41	133
F³	316° 00'	Box	48½	133
G³	198° 45'	Box	44½	133 . 132
H³	303° 30'	Box	44	132 . 131
I³	194° 30'	Box	15	131
J³	302° 30'	Box	5	134
K³	130° 30'	Box	21	134
L³	284° 00'	Box	54	134
M³	85° 30'	Box	31	134
N³	320° 45'	Box	121	131
O³	207° 15'	Box	48	131 . 132
P³	302° 15'	Box	18	133 . 132
Q³	219° 00'	Box	34	42 . 104



Improvements

Portion	Improvements and Value.	Totals £	s	d
	Parish of Milong			
100	Fencing £5	5	0	0
104	Fencing £7 5/-	7	5	0
105	Ringbarking £2	2	0	0
106	Ringbarking £2 Fencing £7	9	0	0
107	Ringbarking £4	4	0	0
108	Fencing £9	9	0	0
109	Ringbarking £6 Fencing £8 10/-	14	10	0
111	Sheds £30. Stable £35. Drafting Yards £30 Stockyard £25. Clearing £10 10/- Fencing £32 and Gates £20	202	10	0
110	Ringbarking £7 10/-	7	10	0
112	Woolshed & surroundings £150 Fencing £19	169	0	0
113	Ringbarking £3	3	0	0
115	Ringbarking £5	5	0	0
116	Fencing 10/-		10	0
121	Fencing £9 10/-	9	10	0
122	Fencing £45	45	0	0
124	Fencing £2	2	0	0
	Nil on portions 98. 99. 101. 102. 103. 116. 117. 118. 119. 120. 123			
	Parish of Memagong			
125	Fencing £20. Ringbarking £1 5/-	21	5	0
126	Fencing £8	8	0	0
131	Fencing £16	16	0	0
132	Fencing £18	18	0	0
133	Fencing £5. Ringbarking £11 10/-	16	10	0
134	Nil			

NOTES

Situated in the Milong and Memagong Runs
Azimuth taken from Morangorell Road
All roads are 150 links wide, unless otherwise stated.

Meridian Observations

Station	Date	Latitude	Star	Bearing	Altitude	Azimuth	Variation	Mean
S.E. cor of Sec 100	14th July 1881	34° 16' South	α Trianguli	148° 12'	46° 28'	22° 58'	8° 50'	
Do	Do	Do	γ Trianguli	155° 49'	53° 05'	15° 27'	8° 48'	8° 49' East
Do	Do	Do	ε Argus	219° 00'	35° 17'	31° 48'	8° 48'	

I hereby certify that I in person made and on the 27th July 1881 completed the survey represented on the plan on which are shewn the bearings and lengths of the lines measured by me, and I declare that the survey has been executed in accordance with the regulations published for the guidance of Surveyors and the practice of the Surveyor Generals Department.

H. M. Rush
Licensed Surveyor

Transmitted to the District Surveyor with my letter of the 21st October 1881 No 81/194

M (Pars 73 and 53)

1 Inch clear

Improvement Purchase.

(To be left clear for Registration No.).

Voucher No. 8 /

£

(Amount charged to be filled in by the Surveyor).

Papers (h) and plan herewith.

Licensed Surveyor ..... to the District Surveyor transmitting plan of a portion of land on the ..... (a) ..... applied for by ..... J.P. (b) ..... at ..... (c)

(Place) .....

No. (see par. 221) (Date) .....

Sir,

I have the honor to transmit herewith the plan of a portion of land containing ..... within the ..... (d) ..... numbered ..... and situated in the Parish of ..... in the County of ..... applied for to purchase by ..... (e) ..... under the 46th Section of the Crown Lands Act of 1884 and measured by me on ..... (f) ..... in compliance with Instruction No. ..... (g)

The improvements in respect of which the application for pre-emption is made are as follows:—

At least one third margin

To be left clear

Description of Improvements	DATE		VALUE		
	When commenced	When completed	£	s.	d.
		Total £			

NOTES

(a) Name of Gold Field.
(b) Application Number.
(c) Name of Land Office.
(d) Name of Gold Field.
(e) Name of Applicant as in authorised occupation.
(f) Date of Survey.
(g) No. and date of Instruction.
(h) Registration No. of papers enclosed.

The

(No. of Lith. M 85 46)

The improvements were inspected by me on the 188, I ascertained that they were made at the expense of (i), and now belong to (j); I am of opinion that they were commenced and completed upon the dates specified; with (k) exception (l)

Particulars as to locality, character of the land &c, are set forth in the appended table of remarks.

I have the honor to be,

Sir,

Your obedient Servant

(Signature)

Licenced Surveyor.

NOTES cont.d

(i) Applicant or previous owner

(j) Applicant or other person.

(k) "out" or "the"

(l) Exception, if any, to be specified.

REMARKS.

Distance from Land Office and nearest Township	Water Supply	Timber, aspect and character of land	Value for portion or allotment

Ma (Par.s 63 and 53)

1 Inch clear

Conditional Purchase.

(To be left clear for Registration No.)

Voucher No. 8 /

£

(Amount charged to be filled in by Surveyor).

Licensed Surveyor ..... to the District Surveyor transmitting plan of ..... portion conditionally purchased by .....
C.P. No. ..... at (a) .....

(Place) .....

No. (see par. 221) (Date) .....

Sir,

I have the honor to transmit herewith the Plan of ..... portion of land containing ..... numbered ..... in the Parish of ..... in the County of ..... conditionally purchased by ..... under the ..... section of the Crown Lands Act of 1884 measured by me on ..... (b) ..... in accordance with Instructions No. ..... dated .....

(c)

Here follows general report e.g. whether the applicants starting point "was found on the ground", and if so, how indicated on plan, or whether it "was not found"; Description of land; Timber and Water supply; Information as to Roads; Improvements, specifying particulars of each, ownership and date of completion; Included areas under authorized Mining occupation, if any, and Parts of boundaries which might be exempted from fencing.

At least one third margin

To be left clear

NOTES

(a) Name of Land Office.

(b) Date of Survey.

(c) If within a Gold Field state name.

I have the honor to be,
Sir,
Your obedient Servant

(Signature) .....

Licensed Surveyor.

(No. of Lith. M 85.45)

M6 (Par. 53)

← 1 Inch clear →

Alienation

(To be left clear for Registration No.)

Voucher No. 8 /

£

(Amount charged to be filled in by Surveyor)

Mn. (e)

Licensed Surveyor ..... to the District Surveyor transmitting plan of ..... portion measured for Sale (a) .....

(Place) .....

(Date) .....

No. (See par. 221)

Sir,

I have the honor to transmit herewith the plan of ..... portion of land containing ..... numbered ..... in the Parish of ..... in the County of ..... within the ..... (b) .....

.....

measured by me on ..... (c) ..... in accordance with Instructions No. ..... dated .....

.....

This land has been measured for sale on the application of .....

..... (d) .....

Here follows general report on conditions of land measured, or reference to Schedule of particulars enclosed; report on improvements (if any), &c. &c.

I have the honor to be,
Sir,
Your obedient Servant

(Signature) .....

Licensed Surveyor.

← At least one third margin →

← To be left clear →

NOTES

(a) Insert name of Land District.

(b) Name of Run and Name of Gold Field, if within either or both.

(c) Date of Survey.

(d) Names and Address of Applicant.

(e) Registration No. of papers enclosed.

(No. of Lith. M 85.44)

Mc (Par. 63)

1 Inch clear

(g) Lease.

(To be left clear for Registration No.)

Licensed Surveyor ..... to the District Surveyor transmitting Plan of ..... applied for by .....

Voucher No. 8 / Conditional Lease No. ..... at (a) .....

£ .....

(Amount charged to be filled in by the Surveyor).

(Place) .....

No. (See par. 221) (Date) .....

Sir,

I have the honor to transmit herewith the Plan of an area of ..... in the Parish of ..... in the County of ..... applied for by ..... as a Conditional Lease under the (b) Section of the Crown Lands Act of 1884; measured by me on ..... (c) ..... in accordance with Instructions No. ..... dated .....

.....

(e)

Here follows general report on Description of land &c. e.g. whether the applicants starting point "was found on the ground" and if so, how indicated on plan, or whether it "was not found"; Description of land; Timber and Water supply; Information as to Roads; Improvements, specifying particulars of each, ownership and date of completion; Included areas under authorized Mining occupation, if any, and Parts of boundaries which might be exempted from fencing.

I have the honor to be,
Sir,
Your obedient Servant

(Signature) .....

Licensed Surveyor.

At least one third margin

To be left clear

NOTES

(a) Name of Land Office.

(b) 48, 52 or 54 Sections according to Application.

(c) Date of Survey.

(e) If within a Gold field, state name.

(g) Insert the words Converted Pre-emptive Lease or Conditional Lease as the case may be.

(No. 56 Lith. M. 8547.)

APPENDIX N. (*Vide* Paragraph 137.)

SURVEY OF BLOCKS FOR TIMBER LICENSE.

1. The survey to be performed by a Licensed Surveyor. **Survey.**

2. Where several adjoining blocks are measured simultaneously the outside boundaries of the entire area should be defined with precision and permanently marked in the usual manner; and when a corner is common to the Forest Reserve, the reference tree should be marked with ⅄ over letters RES over the *Gazette* No. of the reserve. The interior lines, *i.e.*, the subdivision into blocks for lease may be marked by blazed trees only; and for purpose of identification corner trees should be marked as provided in section 3 of the Timber Regulations before mentioned, viz., for the consecutive numbering of such licenses within the Forest Reserve in which they are comprised thus, T.L—1, T.L—2, &c. Such Nos. may then be utilized in the formal license, and also at auction sale of leases. **Marking.**

3. The Plan should be drawn to the scale of 20 chains to an inch, stating particulars of survey, *e.g.*:— **Plan.**

Plan

Showing Timber License Blocks ..... *to* .....

within Forest Reserve No. .....

Parish of ..... *County of* .....

Land District of .....

4. The Plan is to be accompanied by two tracings (on linen), one for the District Surveyor, and the other for the Crown Lands Agent, and is to be transmitted under cover of a letter reporting the general conditions of the country, character, quality and density of timber, means of access or relative position to the nearest public thoroughfare, natural water supply (if any), &c. **Tracing and report.**

5. With respect to remuneration for this service, the outside boundaries will be paid for at the usual rate for marked lines; and the interior subdivision at such rate, being not more than 30s. per mile, as the conditions may warrant, and as may be agreed by the District Surveyor and the Licensed Surveyor. It is to be borne in mind that local increase to fees (if any) will apply or will not apply to this class of survey according to specific terms of contract. **Remuneration.**

6. Copies of Timber Regulations will be supplied for further information upon requisition to the Secretary.

St. 3130

Account No. 8

Land District _____

Head of Service—SURVEY OF LANDS.—Form A.

New South Wales.

Sub-Voucher No. _____

Payable from Vote of £ _____ for THE DEPARTMENT OF THE SURVEYOR GENERAL. Item No. _____ of Appropriation Act of 188 .

Class of Survey _____

[ORIGINAL.]

Dr. to Licensed Surveyor _____

[*Departmental Reference No.* _____

SURVEYS CHARGED FOR BY LINEAR MEASUREMENT.

Sub-Head of Estimate _____]

From the _____ to the _____ For the survey and measurement of _____

For details see 4th page.

Parish of _____ County of _____

Instructions No. _____ of the _____ to _____ Plan with Letter No. _____ of the _____

Cat. No. of Plan.	Class of Work.	Quantity.	Rate. £ s. d.	Surveyor's Charge. £	s.	d.	Survey as paid for by the Department.	Amount paid by Department. £	s.	d.	Initial of Officer passing Account.	No. of Papers.	Remarks.
	Boundaries of Portions, Reserves	287·26	at 0 0 9 per chain ...	10	15	5							
	or Leased Areas	274·39	„ 0 0 6 „ ...	6	17	2							
	Marked lines of Roads (Parish)		„ 0 1 0 „ ...										
	Do. do. (not over 3 chains)	69·00	„ 0 0 9 „ ...	2	11	9							
	Do. do. (over 3 chains) ...	178·50	„ 0 0 6 „ ...	4	9	3							
	Features	60·00	„ 0 0 6 „ ...	1	10	0							
	Connections	55·00	„ 0 0 4½ „ ...	1	0	7							
	Comparison of meridian		„ 0 10 0 each service	0	10	0							
	Determination of true north		„ 1 0 0 „ ...										
	Corners new	11	„ 0 5 0 each ...	2	15	0							
	Do. other	7	„ 0 2 6 „ ...	—	17	6							
	*Tracings, 2½ per cent. on fee for survey.			0	15	2							
	Local increase or decrease												
	Total												
	Advance												
	Balance												

Total carried forward ... ... £

* At 2½ per cent. on fee for survey at ordinary rates for each tracing.

Total brought forward ... ... £

St. 3130

DECLARATION.

I hereby, on honor, declare that I have faithfully and truly surveyed, measured, and marked out on the ground, the lines and corners for which I have charged in this Account, that the plans herewith forwarded are correct, and the whole service has been performed with care, and in strict accordance with the regulations and practice of the Surveyor General's Department; and that I have also forwarded to the District Surveyor the tracings for which I have charged in this Account.

Licensed Surveyor.

CERTIFICATE OF DISTRICT SURVEYOR.

The plan and tracings of the survey herein charged have been duly received.

Payment of an advance of per centum on £ is recommended. Errors and omissions excepted.

Examiner.

District Surveyor.

I certify that the amount charged in this Voucher as to computations, castings, and rates, is correct; that the service has been faithfully performed, and that the expenditure is duly authorized in terms of the Audit Act.

Accountant.

Secretary and Cashier, for Surveyor General.

Received on the 188 , from the the Surveyor General, the sum of pounds shillings and pence sterling, in full payment of the above account, for which have signed Duplicate Receipts of the same tenor and date.

This is the form "A" for Accounts for surveys of lands for sale at Auction, for Conditional Sale, for sale in virtue of Improvements, for Conditional Lease, for Pastoral Lease, for Homestead Lease, and for Roads, Reserves, Features, and Connections.

The class of survey for which the account is rendered should, on each account, be stated in the place provided for that purpose.

St. 3130

PARTICULARS OF MEASUREMENT.

1			2			3			4		5		6		7		8	9
Perimeter at 9d.			Perimeter at 6d.						Parish Roads at 1s.		Roads at 9d.		Roads at 6d.		Features at 6d.		Connections at 4½d.	New Corners.	Other Corners.
Por. No.	Chains.	Links.	Por. No.	Chains.	Links.	Por. No.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.		
5	80	00	5	7	00								89	25	60	00	45	00	A	F
				55	00								89	25					B	
				32	00														C	
				32	00														D	
				45	00														E	
				10	00															
				15	00															
				8	00															
				7	00															
				6	00															
				42	50															
6	80	00	6	14	89														C	B
																			H	
																			I	
7	76	52									35	00							K	H
																			L	I
8	50	74									34	00					10	00	M	C
																				D
																				E

1. For the first 80 chains of boundary of each portion, including frontage traverse.
2. For the length of boundary of each portion over 80 chains.
3. For Parish Roads only under Act 4 William IV, No. 11.
4. For roads reserved through portions not over 3 chains wide, to be marked on both sides at £3 per mile of road to be paid for by the traversed side.
5. For roads and driftways reserved through portions exceeding 3 chains in width, to be marked on both sides, and each side to be paid for.
6. For ranges and watercourses, water-races, and features.
7. For connections between portions, &c.
8. For new corners to be specified by letters corresponding with plan.
9. For other corners to be similarly specified.

Diagram

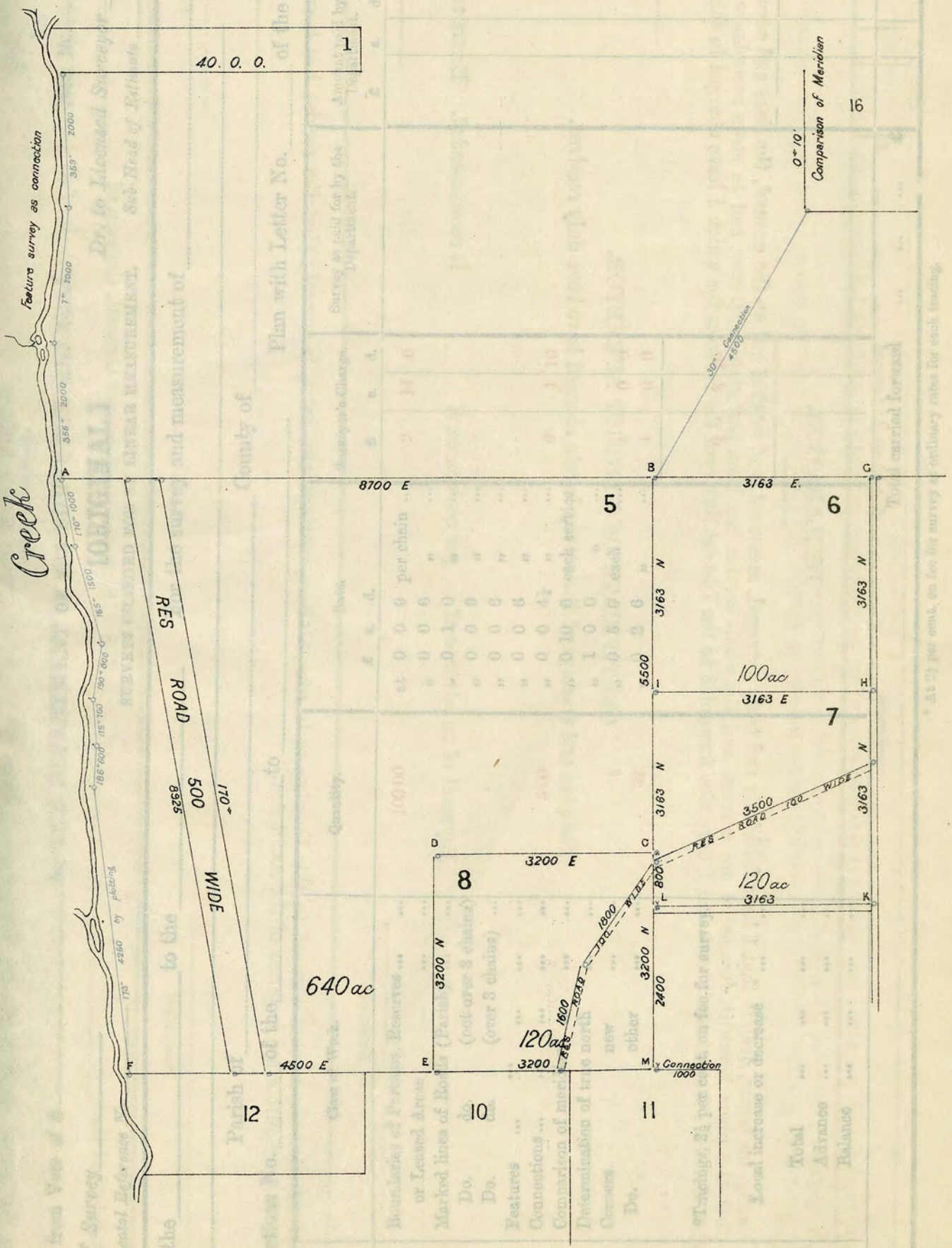
Appendix O

to Illustrate Scale of Fees

CONDITIONAL LEASE, CONDITIONAL PURCHASE OR PORTIONS

MEASURED FOR SALE

Par. 243



NOTE
—— This "Diagram" is not strictly to scale, as to areas.

D.S.O.
St. 3130

Account No. 8 / **APPENDIX P.** **Land District** .....

Head of Service—SURVEY OF LANDS.—Form A. **New South Wales.** **Sub-Voucher No.** .....

Payable from Vote of £ ..... **for THE DEPARTMENT OF THE SURVEYOR GENERAL.** **Item No.** ..... **of Appropriation Act of 188 .**

Class of Survey ..... **[ORIGINAL.]** *Dr. to Licensed Surveyor* .....

[*Departmental Reference No.* .....] SURVEYS CHARGED FOR BY LINEAR MEASUREMENT. *Sub-Head of Estimate* .....

From the ..... to the ..... For the survey and measurement of .....

For details see 4th page.

Parish of ..... County of .....

Instructions No. ..... of the ..... to ..... Plan with Letter No. ..... of the .....

Cat. No. of Plan.	Class of Work.	Quantity.	Rate. £ s. d.	Surveyor's Charge. £	s.	d.	Survey as paid for by the Department.	Amount paid by Department. £	s.	d.	Initial of Officer passing Account.	No. of Papers.	Remarks.
	Boundaries of Portions, Reserves	109·00	at 0 0 9 per chain ...	2	14	6							
	or Leased Areas		„ 0 0 6 „ ...										
	Marked lines of Roads (Parish)		„ 0 1 0 „ ...										
	Do. do. (not over 3 chains)		„ 0 0 9 „ ...										
	Do. do. (over 3 chains) ...		„ 0 0 6 „ ...										
	Features		„ 0 0 6 „ ...										
	Connections	5·00	„ 0 0 4½ „ ...	0	1	10							
	Comparison of meridian		„ 0 10 0 each service										
	Determination of true north		„ 1 0 0 „ ...										
	Corners new	4	„ 0 5 0 each ...	1	0	0							
	Do. other	32	„ 0 2 6 „ ...	4	0	0							
	*Tracings, 2½ per cent. on fee for survey.			0	3	10							
	Local increase or decrease												
	Total												
	Advance												
	Balance												

Total carried forward ... ... £

* At 2½ per cent. on fee for survey at ordinary rates for each tracing.

Total brought forward ... ... £

St. 3130

DECLARATION.

I hereby, on honor, declare that I have faithfully and truly surveyed, measured, and marked out on the ground, the lines and corners for which I have charged in this Account, that the plans herewith forwarded are correct, and the whole service has been performed with care, and in strict accordance with the regulations and practice of the Surveyor General's Department; and that I have also forwarded to the District Surveyor the tracings for which I have charged in this Account.

Licensed Surveyor.

CERTIFICATE OF DISTRICT SURVEYOR.

The plan and tracings of the survey herein charged have been duly received.

Payment of an advance of per centum on £ is recommended. Errors and omissions excepted.

Examiner.

District Surveyor.

I certify that the amount charged in this Voucher as to computations, castings, and rates, is correct; that the service has been faithfully performed, and that the expenditure is duly authorized in terms of the Audit Act.

Accountant.

Secretary and Cashier, for Surveyor General.

Received on the ..... 188 , from the the Surveyor General, the sum of ..... pounds ..... shillings and ..... pence sterling, in full payment of the above account, for which ..... have signed Duplicate Receipts of the same tenor and date.

This is the form "A" for Accounts for surveys of lands for sale at Auction, for Conditional Sale, for sale in virtue of Improvements, for Conditional Lease, for Pastoral Lease, for Homestead Lease, and for Roads, Reserves, Features, and Connections.

The class of survey for which the account is rendered should, on each account, be stated in the place provided for that purpose.

St. 3130

PARTICULARS OF MEASUREMENT.

1			2						3		4		5		6		7		8	9
Perimeter at 9d.			Perimeter at 6d.						Parish Roads at 1s.		Roads at 9d.		Roads at 6d.		Features at 6d.		Connections at 4½d.		New Corners.	Other Corners.
Por. No.	Chains.	Links.	Por. No.	Chains.	Links.	Por. No.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.		
Sec. 1 Allots. 1 to 16	109	00															5	00	A B C D	32

1. For the first 80 chains of boundary of each portion, including frontage traverse.
2. For the length of boundary of each portion over 80 chains.
3. For Parish Roads only under Act 4 William IV, No. 11.
4. For roads reserved through portions not over 3 chains wide, to be marked on both sides at £3 per mile of road to be paid for by the traversed side.
5. For roads and driftways reserved through portions exceeding 3 chains in width, to be marked on both sides, and each side to be paid for.
6. For ranges and watercourses, water-races, and features.
7. For connections between portions, &c.
8. For new corners to be specified by letters corresponding with plan.
9. For other corners to be similarly specified.

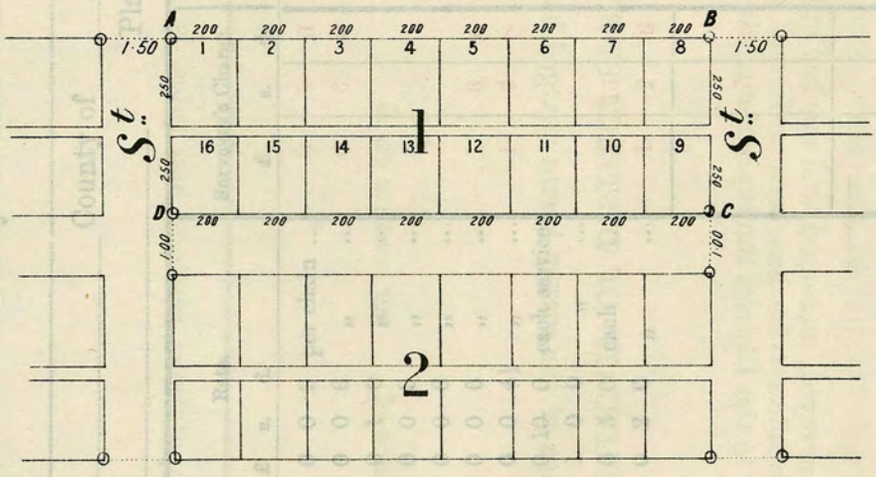
Appendix P.

Diagram to illustrate Scale of Fees

Viz: for measurement of

TOWN ALLOTMENTS

Par. 243



All boundary lines 9d per chain

Dotted Connection 4½d per chain

Corners ABCD marked thus ○ 5/- each

Other corners 2/6 each

D.S.O.
St. 3130

Account No. 8 / APPENDIX Q.

Land District .....

Head of Service—SURVEY OF LANDS.—Form A.

New South Wales.

Sub-Voucher No. .....

Payable from Vote of £ ..... for THE DEPARTMENT OF THE SURVEYOR GENERAL. Item No. ..... of Appropriation Act of 188 .

Class of Survey .....

[ORIGINAL.]

Dr. to Licensed Surveyor .....

[*Departmental Reference No.* .....

SURVEYS CHARGED FOR BY LINEAR MEASUREMENT.

Sub-Head of Estimate .....]

From the ..... to the ..... For the survey and measurement of .....

For details see 4th page.

Parish of ..... County of .....

Instructions No. ..... of the ..... to ..... Plan with Letter No. ..... of the .....

Cat. No. of Plan.	Class of Work.	Quantity.	Rate. £ s. d.	Surveyor's Charge. £	s.	d.	Survey as paid for by the Department.	Amount paid by Department. £	s.	d.	Initial of Officer passing Account.	No. of Papers.	Remarks.
	Boundaries of Portions, Reserves	224·00	at 0 0 9 per chain ...	8	8	0							
	or Leased Areas	6·00	„ 0 0 6 „ ...	0	3	0							
	Marked lines of Roads (Parish)		„ 0 1 0 „ ...										
	Do. do. (not over 3 chains)		„ 0 0 9 „ ...										
	Do do. (over 3 chains) ...		„ 0 0 6 „ ...										
	Features	52·00	„ 0 0 6 „ ...	1	6	0							
	Connections	74·00	„ 0 0 4½ „ ...	1	7	8							
	Comparison of meridian		„ 0 10 0 each service										
	Determination of true north		„ 1 0 0 „ ...										
	Corners new	7	„ 0 5 0 each ...	1	15	0							
	Do. other	9	„ 0 2 6 „ ...	1	2	6							
	*Tracings, 2½ per cent. on fee for survey.			0	7	0							
	Local increase or decrease												
	Total												
	Advance												
	Balance												

Total carried forward ... ... £

* At 2½ per cent. on fee for survey at ordinary rates for each tracing.

Total brought forward ... ... £

St. 3130

DECLARATION.

I hereby, on honor, declare that I have faithfully and truly surveyed, measured, and marked out on the ground, the lines and corners for which I have charged in this Account, that the plans herewith forwarded are correct, and the whole service has been performed with care, and in strict accordance with the regulations and practice of the Surveyor General's Department; and that I have also forwarded to the District Surveyor the tracings for which I have charged in this Account.

Licensed Surveyor.

CERTIFICATE OF DISTRICT SURVEYOR.

The plan and tracings of the survey herein charged have been duly received.

Payment of an advance of per centum on £ is recommended. Errors and omissions excepted.

Examiner. *District Surveyor.*

I certify that the amount charged in this Voucher as to computations, castings, and rates, is correct; that the service has been faithfully performed, and that the expenditure is duly authorized in terms of the Audit Act.

Accountant. *Secretary and Cashier, for Surveyor General.*

Received on the ..... 188 , from the the Surveyor General, the sum of ..... pounds ..... shillings and ..... pence sterling, in full payment of the above account, for which ..... have signed Duplicate Receipts of the same tenor and date.

This is the form " A" for Accounts for surveys of lands for sale at Auction, for Conditional Sale, for sale in virtue of Improvements, for Conditional Lease, for Pastoral Lease, for Homestead Lease, and for Roads, Reserves, Features, and Connections.

The class of survey for which the account is rendered should, on each account, be stated in the place provided for that purpose.

PARTICULARS OF MEASUREMENT.

1			2						3		4		5		6		7		8	9
Perimeter at 9d.			Perimeter at 6d.						Parish Roads at 1s.		Roads at 9d.		Roads at 6d.		Features at 6d.		Connections at 4½d.		New Corners.	Other Corners.
Por. No.	Chains.	Links.	Por. No.	Chains.	Links.	Por. No.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.	Chains.	Links.		
5	35	00															17	00	G H	M N
6	30	00															17	00	I	H M O
7	79	00													25	00	20	00	C D	B E
8	80	00		6	00										27	00	20	00	A F	D E

1. For the first 80 chains of boundary of each portion, including frontage traverse.
2. For the length of boundary of each portion over 80 chains.
3. For Parish Roads only under Act 4 William IV, No. 11.
4. For roads reserved through portions not over 3 chains wide, to be marked on both sides at £3 per mile of road to be paid for by the traversed side.
5. For roads and driftways reserved through portions exceeding 3 chains in width, to be marked on both sides, and each side to be paid for.
6. For ranges and watercourses, water-races, and features.
7. For connections between portions, &c.
8. For new corners to be specified by letters corresponding with plan.
9. For other corners to be similarly specified.

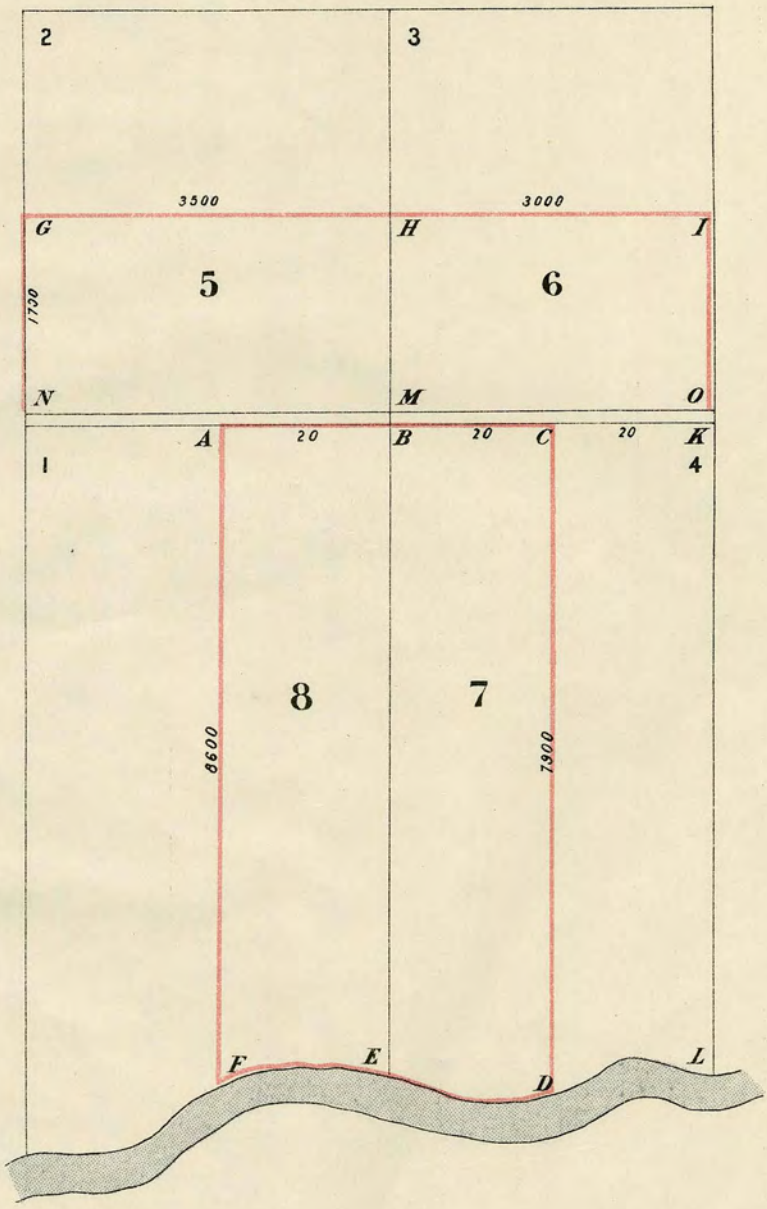
Appendix Q

Diagram

to Illustrate Scale of Fees

VIZ: FOR SUBDIVISION OF MEASURED PORTIONS

Par. 48 and 243



The Diagram shews the subdivision of Four measured portions Nos 1.2.3 & 4.

N.S.W. Lith. M.86-24