

Department of Lands,
Brisbane, 7th September, 1972.

THE Deputy Governor, for and on behalf of His Excellency the Governor, acting by and with the advice of the Executive Council, has been pleased to approve the amendment of the following By-laws under the provisions of "The Land Surveyors Acts, 1908 to 1916."

W. A. R. RAE,
Minister for Lands and Forestry.

It is hereby resolved by the Surveyors Board with the approval of the Governor in Council that the following amendments be made to the By-laws as set out hereunder:—

1. BY-LAW No. 7 is amended by—

(a) Omitting clause 11 and the headnote thereto and inserting in its stead the following headnote and clause:—

"FIELD WORK

Angular work to be effected with theodolite and linear measurements to be made with measuring equipment approved by the Surveyor-General

11. All surveys effected under these directions must be made with a theodolite in accurate adjustment and a steel working band or electronic distance measurement equipment of a type and model specifically approved by the Surveyor-General. All measuring equipment shall have been calibrated not more than six months prior to the survey being effected."

(b) Omitting clause 38 and the headnote thereto and inserting in its stead the following headnote and clause:—

"The first page—Certificate that the measuring equipment used has been calibrated

38. The first page of the field book shall also contain the following statement duly filled in by the Surveyor:—

"The measuring equipment used on this survey was calibrated by comparison with _____ on the _____ day of _____, 19____, with the following results:— _____"

2. BY-LAW No. 15 is amended by—

(a) Omitting clause 7 and the headnote thereto and inserting in its stead the following headnote and clause:—

"MEASUREMENT OF LINES

7. Every boundary shall be run. All measurements of lengths including traverse lines, are to be made with a steel band, maintained in adjustment with the standard of the Survey Office, or when so instructed, by electronic distance measuring equipment. The temperature of the steel band shall be noted at each measurement and the angles of inclination from the horizontal observed with theodolite or clinometer. All inclined measurements are to be reduced to horizontal lengths, and all measurements further corrected for the expansion or contraction of the band from standard length. The use is approved of correctly graduated chain handles or scales affixed to the band at each chain's length, by means of which corrections for the effect of variation of temperature may be made on each measurement without calculation. The theodolite shall be used to read angles of inclination exceeding three degrees from the horizontal:

Provided that where a boundary line under survey does not delineate a surface area of a mining tenement, the Mines Department, on the understanding that the boundary

will be cleared and marked by a Surveyor at the expense of the lessee if so called upon, may direct that the Surveyor fix marks only at the corners and at such other points as the Mines Department considers necessary. In such cases the marking of the corners shall include referencing to permanent survey marks, iron pins and trees where applicable in accordance with the provisions of these By-laws, and the completion of such other work as shall be laid down by the Mines Department and provided further that for such surveys the provisions of clauses 31 and 47 of this By-law shall not apply and the plan shall be endorsed accordingly."

(b) Omitting clause 47 and the headnote thereto and inserting in its stead the following headnote and clause:—

"LINE PEGS ON BOUNDARIES

47. Line pegs shall be aligned and placed on boundaries at distances not exceeding ten chains apart, and always so situated as to be visible one from the other, and the reduced chainage of each entered into the field notes: Provided that where land is to be used exclusively for the winning of ore and subject to the prior approval of the Mines Department, it shall be a sufficient compliance with this clause if having regard to the topography of the area that such line pegs be aligned and placed if intervisible at distances not exceeding forty chains apart."

3. BY-LAW No. 16 is amended by—

(a) Omitting clause 18 and inserting in its stead the following clause:—

"18. All measurements of length are to be made with a steel working band or with electronic distance measurement equipment of a type and model specifically approved by the Surveyor-General. The temperature of this steel band should be noted at each measurement and the angles of inclination from the horizontal observed with theodolite or clinometer. The clinometer may be used with reasonable accuracy for slopes not exceeding three degrees. All inclined measurements are to be reduced to the horizontal length and further corrected for distances from standard length occasioned by temperature. All measuring equipment shall have been calibrated not more than six months prior to the survey being effected."

(b) Omitting clause 150 and inserting in its stead the following clause:—

"150. The first page of the field book should exhibit the following information:—

(a) The signature of the Surveyor.

(b) Reference to the measuring equipment used on the survey which should give particulars of calibration and be in the following form:—

"The measuring equipment used on this survey was calibrated by comparison with _____ on the _____ day of _____, 19____, with the following results:— _____"

(c) The instrument used to define the direction of surveyed line should be stated as theodolite or compass, as the case may be.

(d) Title of the survey, the date of the instruction therefor, and the date of the commencement of the survey work.

(e) When the survey is done in broken periods, it is necessary to note the date of any temporary cessation of the work and the date upon which operation was resumed."