



REGISTERED NO.

IN ANY FURTHER CORRESPONDENCE
ON THIS SUBJECT THE ABOVE NO. & DATE
SHOULD BE QUOTED.

PLEASE ADDRESS
SURVEYOR-GENERAL,
BOX 641 J.G.P.O.
BRISBANE.



Survey Office
Department of Public Lands,

Brisbane 4th August, 1936.

Memorandum to Mr. Staff Surveyor H. D. Mellor.

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It would simplify the work of designing roads
in rough country if the Surveyor gave in this field notes:-

- (a) A more detailed description of the geological formation of the country which the investigation survey traverses. (Specimen of typical rocks met with should be forwarded together with details of the locality, approximate height and vegetation etc.).
- (b) A careful estimate regarding the slope that can be given to batters in cutting.
- (c) The exact chainage and probable depth at which rock is likely to be encountered.
- (d) Whether rock suitable for rock-walling is available in the locality.

It would prove instructive for surveyors occasionally to plot cross sections at points where very deep cuts or high banks are likely to be required showing formation and slopes of batters and embankments, to ascertain that the cross fall is not too steep to maintain an embankment, and that the batters in cuttings are not excessively high.

J.P. Harvey
Surveyor-General.