

DEPARTMENT OF MINESSOUTH AUSTRALIASAND DEPOSIT, MONTACUTE ROAD, MONTACUTE.

As a result of an enquiry from Mrs. C.A.W. Todd, Montacute Road, Montacute, 2 inspections were made of Section 1164, Hd. Adelaide, by C.J.R. Kingsbury, Assistant Geologist, with a view to evaluating the sand and building stone potentialities of the property. This was aimed at providing an income for Mr. & Mrs. Todd during rehabilitation of their orchard burnt out during the bushfires of 2nd January, 1955.

Visit of 17/1/55:- Inspection of Sand.

The sand is sharp but contains abundant boulders and much clayey and silicious fines. It is detrital being at the foot of a steep hill of Aldgate (?) sandstone. Four or five auger holes were bored meeting bedrock at 4 ft. It was requested that a pit be dug to verify and expose the bedrock.

Visit 24/1/55:-

The pit was inspected and confirmed the presence of bedrock at 4' - 5'. Bedrock was sandstone.

CONCLUSION:

A small quantity of impure sand is available for building purposes but would require washing to produce a good quality product. The possibility of a local market could be considered but the narrow steep roads and the quality of the sand would operate against its sale in Adelaide.

The bedrock could be quarried and sold as broken rock (use - road metal, concrete aggregate, fill etc.). Should reasonable stone be encountered it might be possible to sell a proportion as building stone.

The project is essentially small scale, loading and transport difficulties adding greatly to the costs. It is suggested that a market be obtained before working the deposit.

MICROFILMED

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14/3/55.

ENGINEERING GEOLOGY & MINERAL RESOURCES
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