

PROPOSED WATER STORAGE AREA FOR A.P.P.M.  
AT BURNIE, TASMANIA (2nd. REPORT).

On 1.10.57 a report was furnished on an area of land, adjacent to the Australian Pulp and Paper Mill at Burnie, where it was proposed to erect water storage tanks. As this area was composed of slip material from the basalt hill behind the mill it was not considered suitable.

An alternate area has now been suggested. This is situated in the same general locality to the east of the previous site. Although any area on the edge of a basalt hill should be suspect as a good foundation for a large structure, this second area has certain merits not present at the first site. The slip material here does not seem to extend much beyond the Emu Bay Railway Line and the actual area selected appears to consist of a small platform of solid basalt 60-70 feet in width. Above the basalt will probably be found several feet of soil and pieces of weathered rock, and beneath this, weathered basalt, with cores of hard rock, before solid unweathered basalt is reached.

Beneath the basalt are beds of clay and sand which can be seen in road cuttings near the junction of the Stowport Road.

The relationship between these various materials is shown in the accompanying sketch plan and section. What is not known is the nature of the basalt at this site. Is there a solid flow, 60 feet in thickness or are there two or more narrow flows with clay beds in between? This matter will have to be further investigated.

Thus it is considered that this site, although not ideal, is worthy of further investigation and a place where a shaft should be put down has been indicated. Information gained from this shaft will show the thickness of soil, of weathered basalt and the necessary amount of solid rock below. When this shaft has been sunk a further examination and recommendation will be made.

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