

UNPUBLISHED REPORT 1968/16

State Library extensions — additional report

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Following seismic investigations at the site of the extensions to the State Library in Hobart, three angled diamond drill holes were completed to determine the existence and position of a suspected fault zone.

These diamond drill holes have been logged and show the main fault zone, which has been intruded by dolerite, to vary in width from 1.0' in BH13 to 15.0' in BH14. In addition another minor fault zone varying in width from 3" to 9" was also intersected.

Relogging of BH9 has shown that this borehole occupies the main fault zone and this evidence indicates that BH5 is in another fault zone. This zone has not been located by the additional drilling.

CONCLUSIONS

The additional drilling confirmed the seismic investigation and shows that with the exception of the fault zone and the immediately adjacent rocks, solid sandstone underlies the site at a depth of approximately 28 feet in the northeast corner and 22 feet in the southeast corner.

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