

## UNPUBLISHED REPORT 1965/17

# Test pits at the Medical Science block site, University of Tasmania

by W. L. Matthews

Seven test pits were dug at the Medical Science block site at the University of Tasmania at Sandy Bay (fig. 1).

### Trench 1: About J3, 30 (University site grid)

The south wall is composed of slightly weathered, jointed dolerite but the northern wall is of very weathered dolerite with abundant travertine.

On the south wall:

0 – 2' Soil, dolerite boulders, weathered dolerite

2' – 6' Slightly weathered dolerite. Joints:

strike	200	dip	84E
	220		60NW
	290		28S
	200		90
	300		14S
	215		71NW
	230		65NW
	280		65–75N — a series dipping in this direction along face of cut.

### Trench 2: About K2, 2940

0 – 2' Dark clay soil

3' – 5' Weathered dolerite, some travertine

5' – 8'10" Large quantity of travertine in weathered dolerite. Joint 290 strike 75 NE.

### Trench 3: About K1.5, 2915

0 – 2' Soil and boulders of dolerite

2' – 7' Coarse grained weathered dolerite with some less weathered kernels. Joints:

strike	90	dip	75S (2 parallel)
	20		90
	120		42N
	230		34SE

### Trench 4: About K0.1, 2836

0 – 2' Dark brown to black clay soil, some dolerite boulders

2' – 3'9" Granular weathered coarse grained dolerite. Occasional unweathered centres.

**Trench 5: About J0.1, 2820**

0 – 2' Dark clay soil and dolerite boulders.

2' – 7'6" Weathered coarse grained dolerite with travertine.  
5'6"–7'6" is less weathered and jointed. Joints:

strike	285	dip	40S
	245		90
	320		50S
	220		82NW
	270		90
	200		44SE

**Trench 6: About J 2885**

0 – 3' Soil and boulders of dolerite.

3' – 9' Weathered dolerite with many centres of travertine, some of which is quite hard and compact.

**Trench 7: About J 2930**

0 – 2' 6" Soil, boulders of dolerite.

2'6"– 7'6" Weathered dolerite with travertine. In the final 3' travertine becomes very abundant.

*[28 July 1965]*

