BELLERIVE
Bellerive By-pass: Geomar Tech.Rep. 48
alluvium
Thin sand cover blown back from beach dunes overlying soils and weathered ss
Dolerite boundaries have irregular form most are nearly vertical in section
sls - heat hardened
Much outcrop
Basalt very scoriaceous. Not massive
Dolerite mass dips steeply westward beneath sls
Dolerite mass dips very steeply eastward beneath ss
Runney range dolerite mass composed of 3 intrusions (1 feeder, 1 each from east and west). There is therefore dolerite to great depth
Few outcrops in this region. There is a possibility of much more dolerite than is indicated
Dolerite mass dips shallowly westward beneath sls
Small dolerite dyke
Dolerite mass here on top of feeder pipe
sand pits (sand derived from ss, soil 'A' horizon now virtually worked out)
non plastic sand
Thin sand cover blown back from beach dunes overlying soft sandstone and claystone
Coarse sands, minor gravels
LAUDERDALE
TIDAL FLATS
DERWENT BAY
Landslide deposit thickness = 0.3
Sandy Bay basin: Sediments predominantly claystone with sandstone. Overlain near the present surface by irregular boulder beds which represent old landslides from Mt Nelson. These sediments have never been loaded more than the equivalent of 40-50 m of their own weight. Point loadings in excess of this will induce compaction and settling
Thin windblown sand cover on claystones and ss
Very weathered dolerite
Tasmona basin: Sediments predominantly claystones with sandstone. Overlain near the present surface by irregular boulder beds which represent old landslides from Mt Nelson. Minor potential for landslips
Erosion and marine action has concentrated dol boulders from landslip material at exposed points
Drought Hill
No systematic jointing. Very few low angle joints
Slippages have occurred in thick soils
Dolerite mass dips east about 35° beneath sls
Thin sand cover on sls
Variable cover of wind blown sand on sls
Thick sand cover on sls
Mt Augustus
RIVER RALPHS
Sand spit on claystone
Thin windblown sand cover on dol
Thin windblown sand cover on sandstone and claystone on sls
V (dry sand) = 1550
V (wet sand) = 1800
V (sls) = 3700-4000
OPOSSUM BAY
Thin windblown sand cover on sls