



LL₃ = 66
PI₃ = 39

alluvium

V₁(soil) = 300
V₁(w) = 2-2800
V₁(unw) = 4500

ss
V₁(w) = 1500-2000
V₁(unw) = 1000-1500

sls flinty over this entire region - heat hardened
Bellevue By-pass
Leaman: Tech. Rept. #4
(irregular sls pieces on intrusion roof)

ss-sh
Tb = 0.2

ss-sh
Tb = 0.2

Dolerite mass dips steeply westward beneath sls.

much outcrop

ss heat hardened to quartzite along boundary.

LL₃ = 79
PI₃ = 33

Dolerite mass dips very steeply eastward beneath ss.

LL₃ = 57
PI₃ = 28

V₁(unw) = 1520
V₁(unw) = 3400
C₂ = 9
LL₃ = 36
PI₃ = 23

Sand pits (sand derived from ss, coll. 14' horizon now virtually worked out).
LL₃ = 7
PI₃ = 3
non plastic sand

Thin sand cover blown back from beach dunes overlying ss soils and weathered ss.

sls - heat hardened
much outcrop

much outcrop

ss>>sh

Basalt very sectioned. Not massive.
LL₇ = 22
PI₇ = 15
Tb = 0.3

Few outcrops in this region. There is a possibility of much more dolerite than is indicated.

much outcrop

small dolerite dyke

some tuff breccia
Tb = 0.3
LL₃ = 35
PI₃ = 13

much outcrop

LL₂ = 21
PI₂ = 8

LL₁ = 29
PI₁ = 12
Tb = 0.3

dolerite mass here top of section pipe.

LL₅ = 33
PI₅ = 15
LL₁ = 42
PI₁ = 19
LL₂ = 36
PI₂ = 18
LL₄ = 68
PI₄ = 49

Thin sand cover blown back from beach dunes overlying soft sandstones and claystones.

LL₁ = 59
PI₁ = 44
Tb = 0.3

(w. dol used for road works)
LL₃ = 51
PI₃ = 27

Slippages have occurred in thick soils

Dolerite mass dips westward, at about 35° beneath sls.
V₁(unw) = 5000

Thin sand cover blown back from beach dunes overlying soft sandstones and claystones.

V₁(w) = 2550

LL₁ = 15
PI₁ = 12
Tb = 0.3

sls = 15
No systematic jointing. Very few low angle joints.

Tb = 0.4
LL₁ = 7
PI₁ = 1

Thin sand cover on sls.

Variable cover of windblown sand on sls.

Thin sand cover on sls.

Thin sand cover on sls.

Thin sand cover on sls.

Thin sand cover on sls.

Sand spit on claystone
Tb = 1
Thin windblown sand cover on dol.

V₁(dry sand) = 1550
V₁(wet sand) = 1800
V₁(sls) = 3700-4000
Tb = 2.10

Thin windblown sand cover on sandstone and claystone on sls.

Thin windblown sand cover on sls.

Thick sand cover on sls.

Sand pit
Tb = 2
Thick sand cover on sls.

Thin sand cover on sls.

Sand pits
Tb = 4

landslide deposit thickness = 0-3

Sandy Bay basin. Sediments predominantly claystones 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 40-50m of their own weight since loading in excess of this will induce compaction and settling.

Thin windblown sand cover on claystones and ss.

Very weathered dolerite.
Fault dips east at 60°

Tararua 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 landslides.

Erosion and marine action has concentrated dol. boulders from landslide material at exposed points.

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