



Reddy - alluvial area part of
Downstream River flood area.

Gravelly subject to
erosion and slippage
High level river deposited
gravelly and level areas are
locally covered with
transportation. Poorly
sorted alluvium with sand
base.

Limited exposure of river
- gravelly subject to
erosion when cut.

Torus, spherulites
basalt with fogs
Mud with
basalt.

Thin basalt flow
Thick soils to be
found in depressions
around and gullies
subject to basal
erosion.

Dolerite is very
locally thick
and locally may
be accepted as
evidence of soil
downturn.
Roadsides
and creek creep
downslope.

much outcrop

very thin soils

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$V(u) = 2900$
 $G = 0.05$
 $V_s = 1700$
 $E = 2 \times 10^6 \text{ N/m}^2$
 $V_3 = 2900$

minor landslips and
bedload erosion in
thick soils.

High landslide
potential
Soil failure

Very thin remnant of basalt
flow.

Previous course of
river (determined by
massive basalt flows).

High level river
deposited in the
ground.

up to 3.5m sand/gravel
depositing in
depression.

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