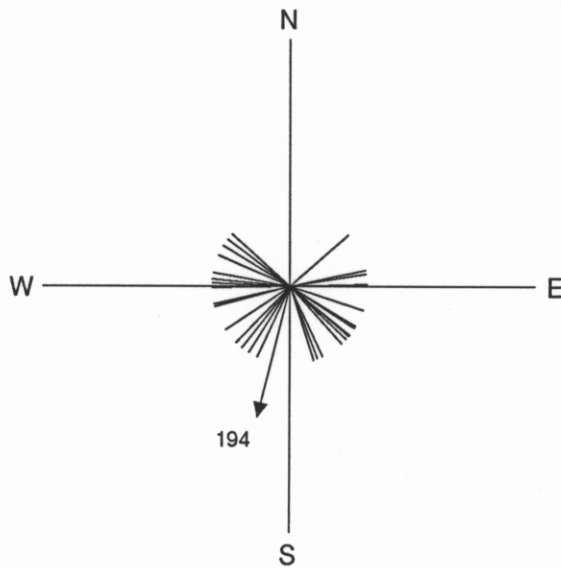


source may be greater. These deposits are indicated on the map by:

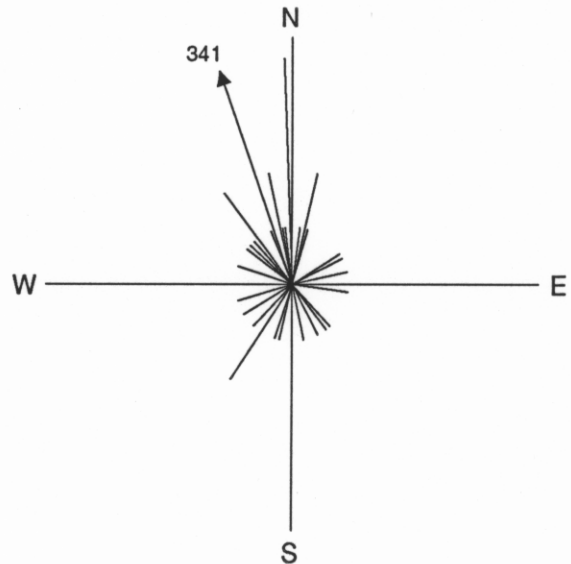
	<i>Quaternary talus deposits</i>	<i>Lag deposits</i>
with silicified wood	Qtdw	Qlw
tuff	Qtdf	
reworked clasts	Qtdc	Qlc

In the area east of Woodbury, extrabasinal clasts are found in Quaternary deposits south of Glen Morey Road from about one kilometre west of Tin Dish Rivulet to the eastern edge of the quadrangle [350299], and an abundance of tuff fragments occurs at one locality [399293]. Tuff fragments may be present on the south-west side of Red Ridge and clasts were found near the top of the dolerite talus at the east end of Red

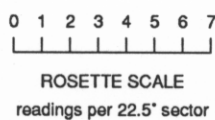
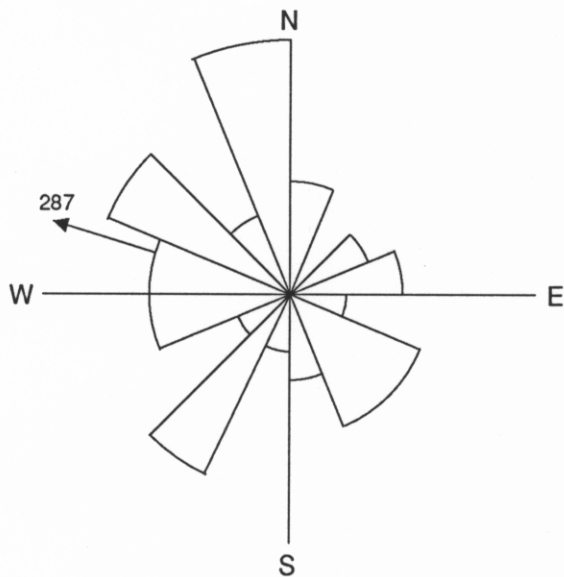
Ridge, although the possibility that the clasts were recently introduced for track construction could not be dismissed. Some silicified wood in lag deposits north of Red Ridge is probably locally derived, but much of the other material, and including extrabasinal reworked clasts, is associated with clasts of coarse-grained Jurassic dolerite which is foreign to the area and must be fluviially transported. A single, highly-polished clast was found on Black Tier on dolerite terrain, and could be lag after coal measures or perhaps introduced to the area by human (aboriginal?) intervention. Extrabasinal clasts derived from the coal measures are also found in the York Plains area [380225, 395232, 403226]; near St Peters Pass [330257]; south-east of Table Mountain [138234], where silicified wood is also common; and in an alluvial fan deposit overlying volcanic lithic sandstone, coal and mudstone with *Cladophlebis* sp. near Mike Howes Marsh [205255].



(a)



(b)



(c)

5288 H 739

Figure 13. Palaeocurrent vectors for volcanic lithic sandstone and coal measure sequence (Rlg).

(a) Brents Sugarloaf area, corrected for a dip of 7° towards 198°. Mean vector calculated from cross-bedding and festoon axis measurements of relative unit magnitude.

N=29, $\theta=194^\circ$, MVA=7.9, MVA/N=0.27

(b) Other areas.

N=34, $\theta=341^\circ$, MVA=9.7, MVA/N=0.29

(c) Total

N=63, $\theta=287^\circ$, MVA=5.3, MVA/N=0.08