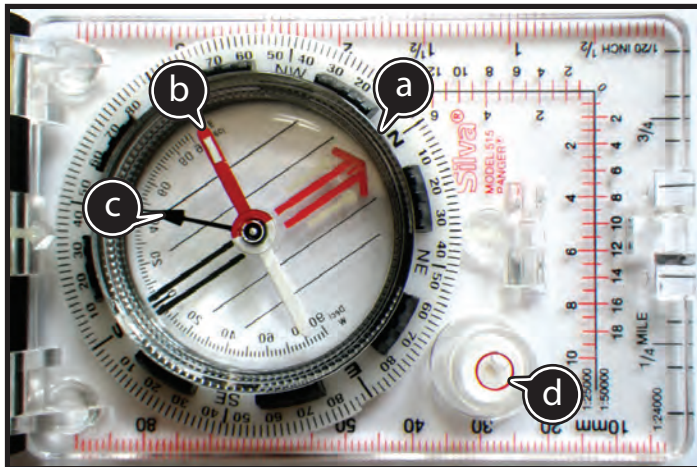
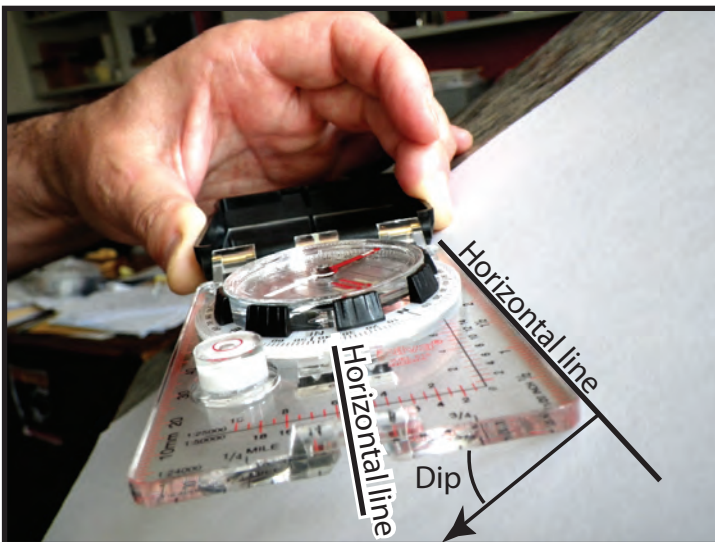


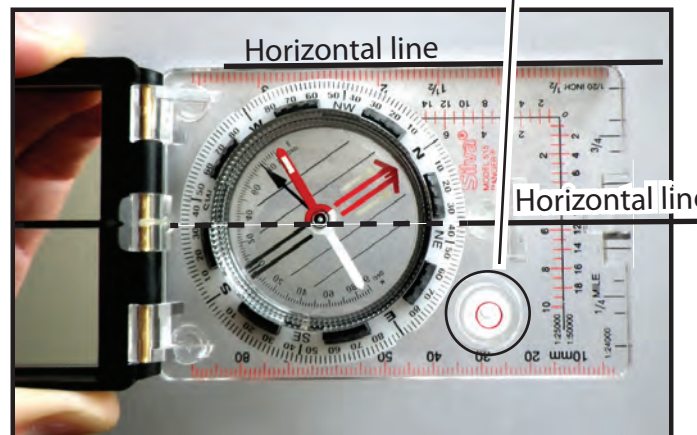
MEASURING STRIKE-DIP-DIP DIRECTION WITH A GEOLOGICAL COMPASS



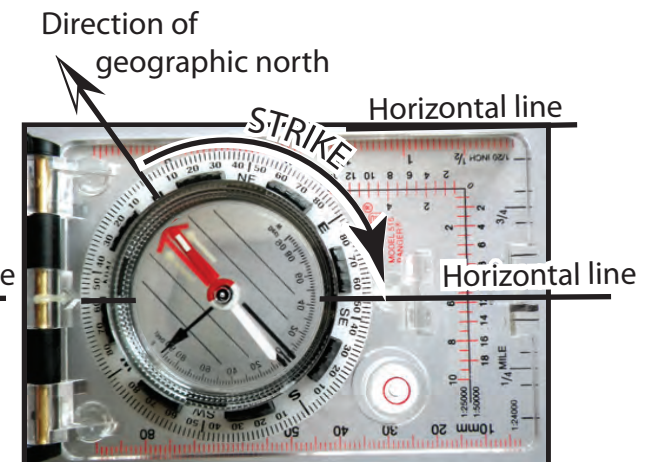
- a** Rotating protractor
- b** Magnetic needle
- c** Clinometer
- d** Spirit bubble level



Oblique view:
The compass is held horizontal against the dipping plane.



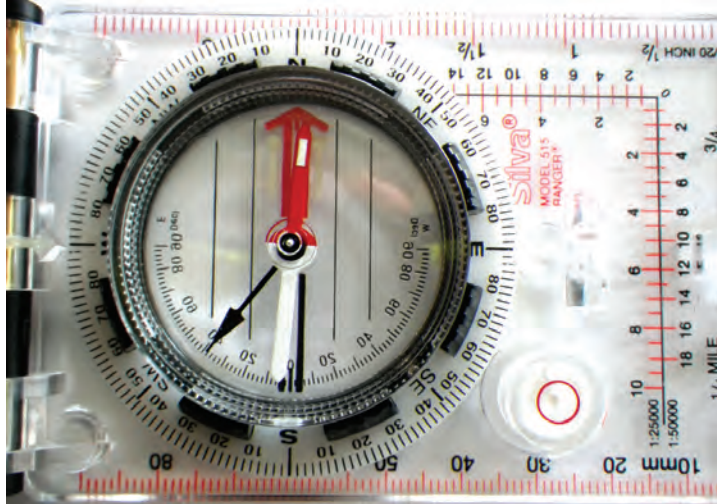
View from top:
The spirit bubble level indicates horizontality of the compass.



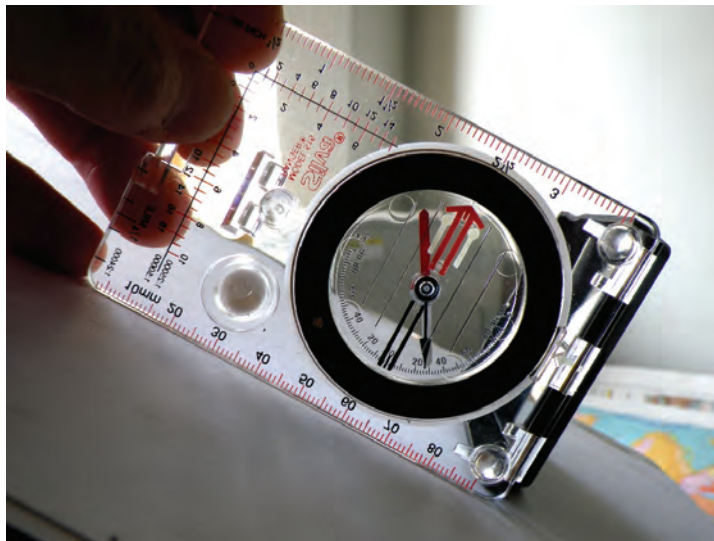
View from top:
Rotate the protractor so both red arrows are superimposed.
The strike is the angle between the direction of geographic north and the horizontal line running parallel to the compass long axis.

MEASURING DIP ANGLE WITH A GEOLOGICAL COMPASS

Rotate the protractor so East and West are aligned with the compass long axis



Position the compass along the plane, perpendicular the strike of the plane and perpendicular to the plane itself



Read the dip angle (here 28°)