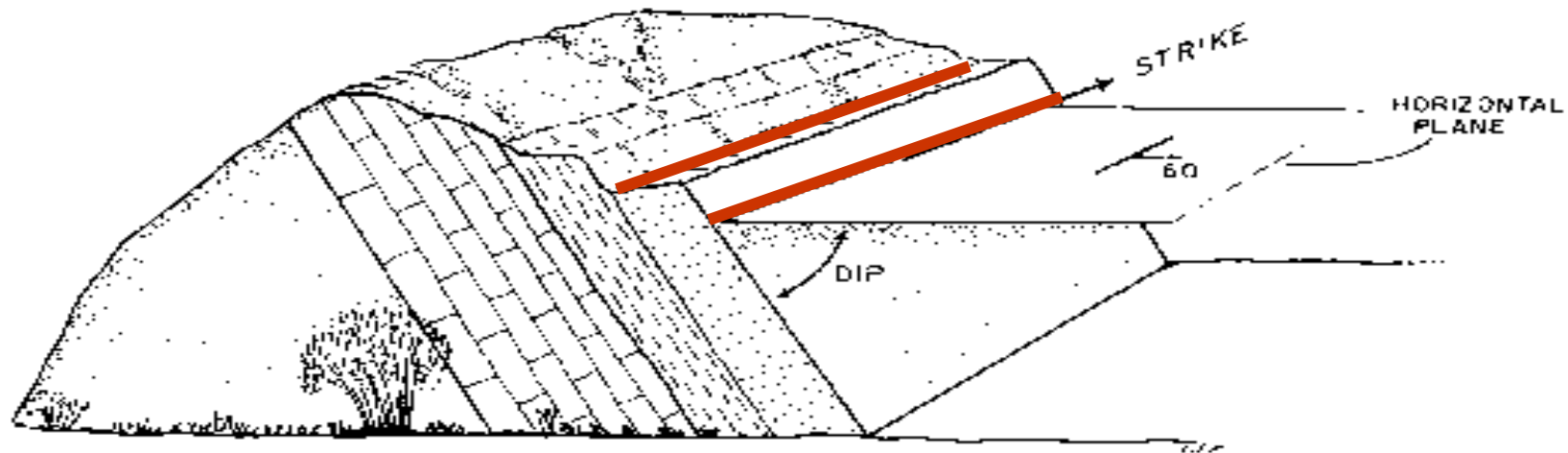


Rose Diagram

- A graphical means that describes directional data (e.g. preferred strike orientation in a specific area)



The **Rose Diagram** is originated from **Strike Histogram**. It has class interval of 5-10 degrees.

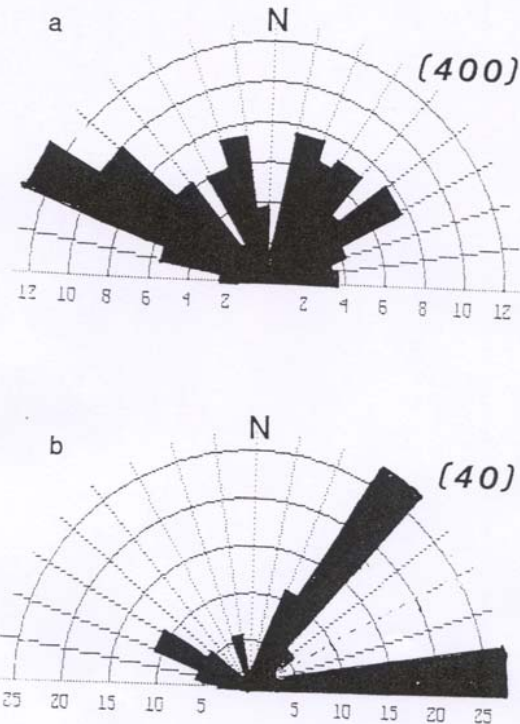


Figure 40: Rose diagrams for the Gilt Edge mine showing: a) the large-size mineralized fractures trends within the quartz trachyte porphyry, trachyte porphyry intrusions and the Deadwood Formation; and b) the small size fracture trends and veinlet in and adjacent to the breccia bodies and quartz trachyte porphyry margins. Numbers in the brackets indicate the number of measurements and numbers on x-scale represent the frequency percents.

Fig. 40 (Lineament studies and fracture control on tertiary gold-silver deposits, Northern black hills, South Dakota. PhD Dis., M. M. Hariri)

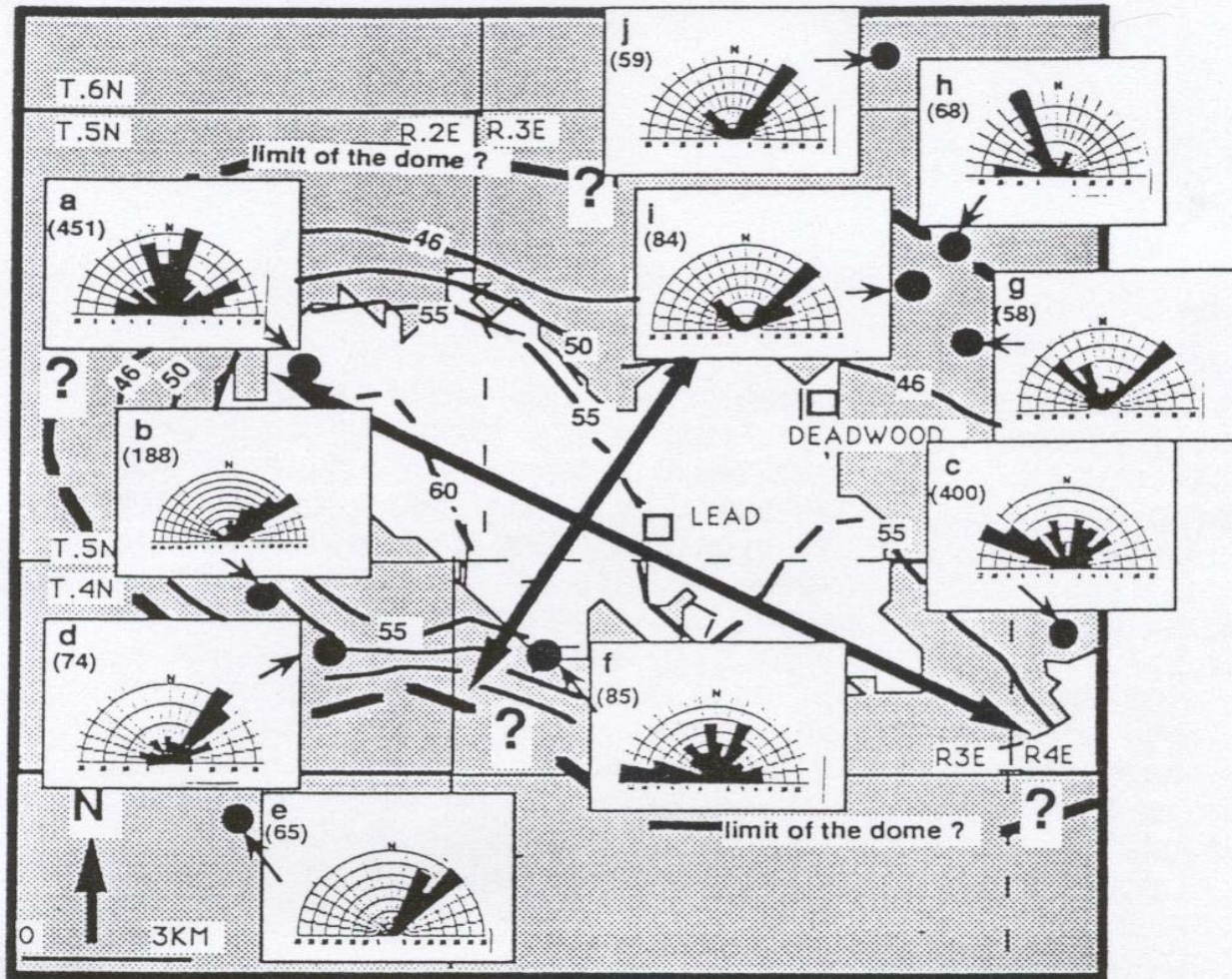


Fig. 41 (Lineament studies and fracture control on tertiary gold-silver deposits, Northern black hills, South Dakota. PhD Dis., M. M. Hariri)

Links

- <http://nhgs.org/Courses/GEOL315/Lab2/RoseDiagrams.pdf>
- <http://www.emporia.edu/kas/trans100/sympos96/aber/joint.htm>
- <http://www.gigawiz.com/ChartsG12.html>
- <http://www.earthsciences.uq.edu.au/~rodh/software/>
- <http://www.glg.ed.ac.uk/courses/gmt/gigjul97/rose/data.html>