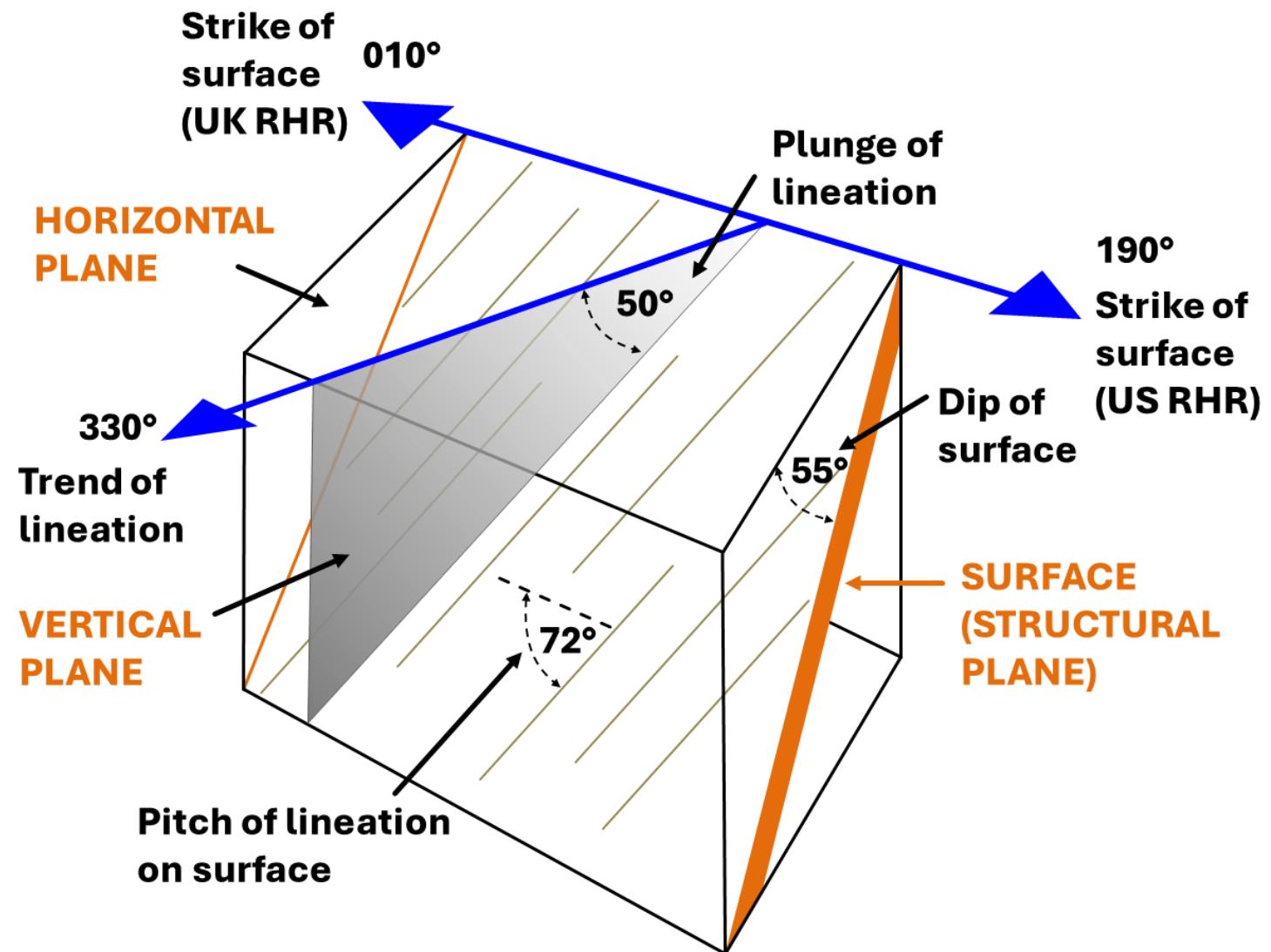


Orientation Convention

Dip 55°, Strike 190°

1. DDD (Dip-direction, Dip): 280,55
2. Strike/Dip (RHR):
 - a) Azimuth: 190/55 W
 - b) Quadrant: S10W/55 W
3. Strike/Dip (UK RHR):
 - a) Azimuth: 010/55 W
 - b) Quadrant: N10E/55 W



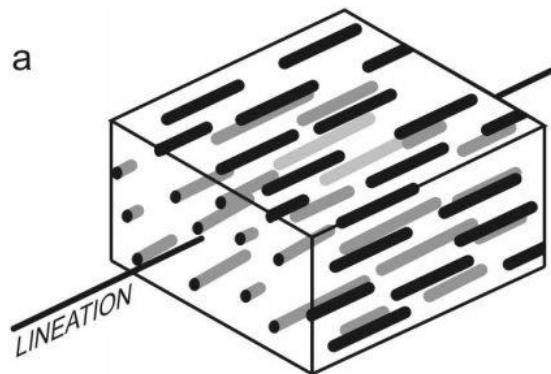
Surface (Plane)

Structures with surface

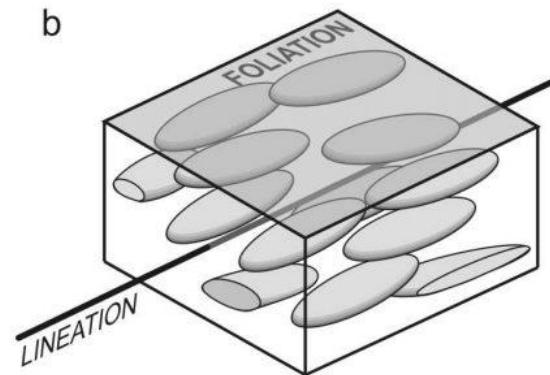
bed;
bedding plane; lamination;
fissility;
foliation;
slaty cleavage;
phyllitic foliation;
schistosity;
gneissic banding;
mylonitic foliation;
fracture;
joint;
fault;
fold arm or limb;
pressure solution cleavage;
crenulation cleavage,
slickenside

Lineation (Line)

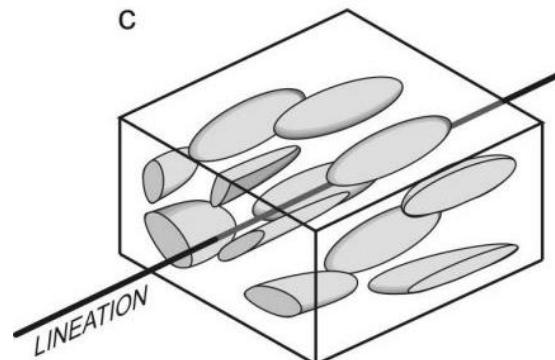
Structures with lineation



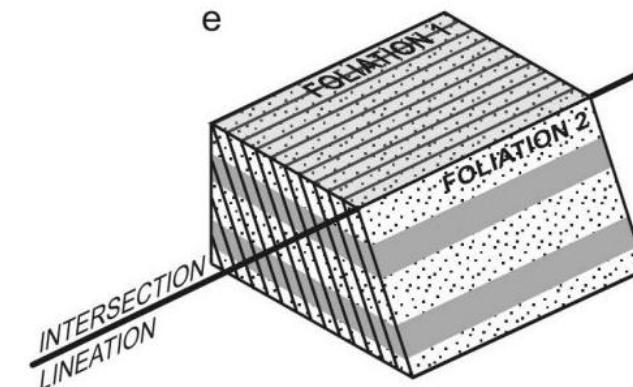
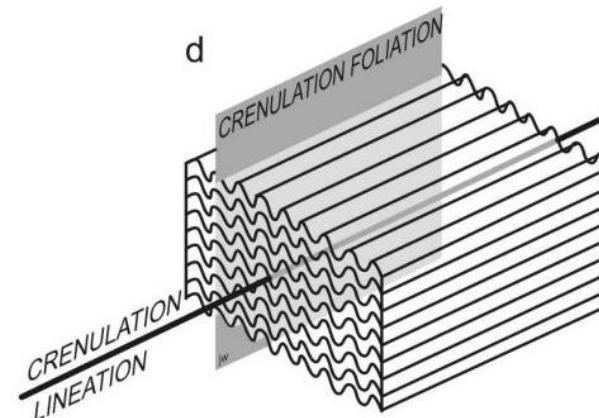
elongated minerals



deformed pebbles



undeformed pebbles

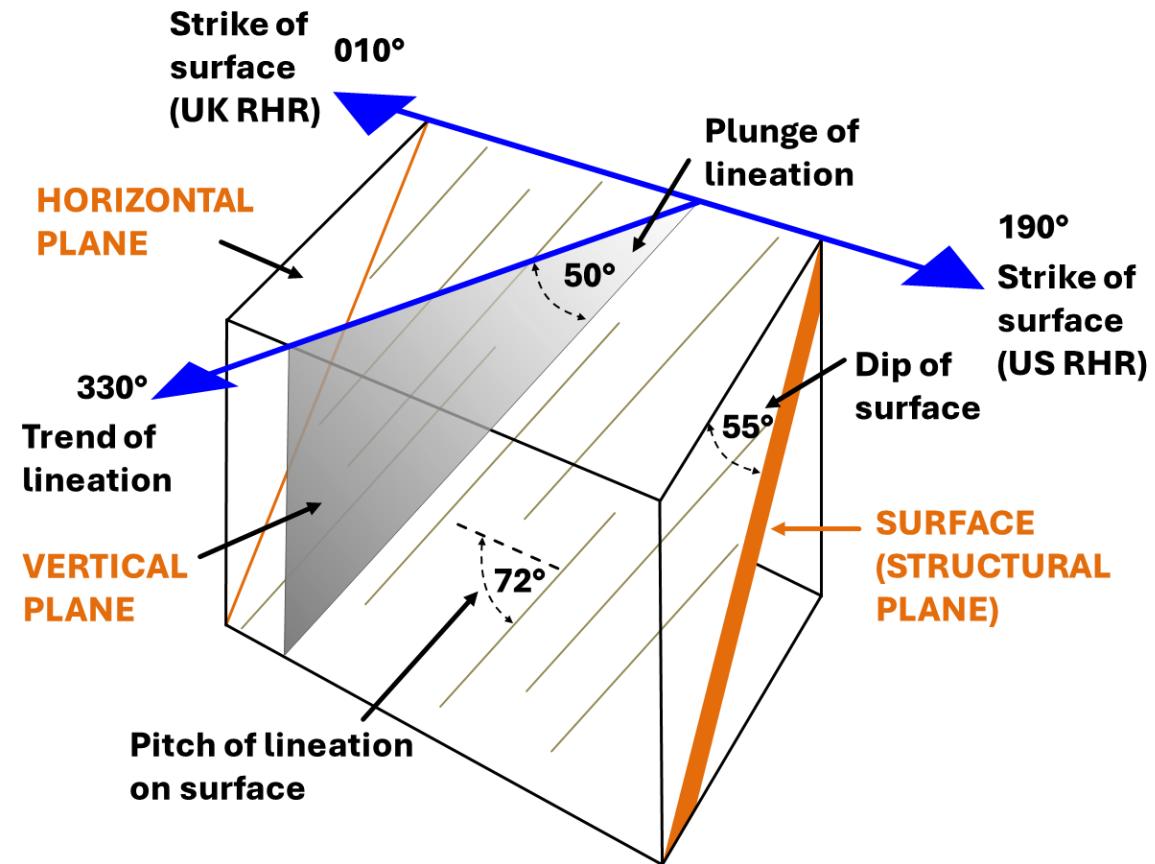


axis; hinge line; striations; linear furrows; linear marks; slickenlines; stretching lineation; crenulation lineation; mylonitic lineation; intersection lineation;

Dip/Plunge

Dip/Plunge noun or verb

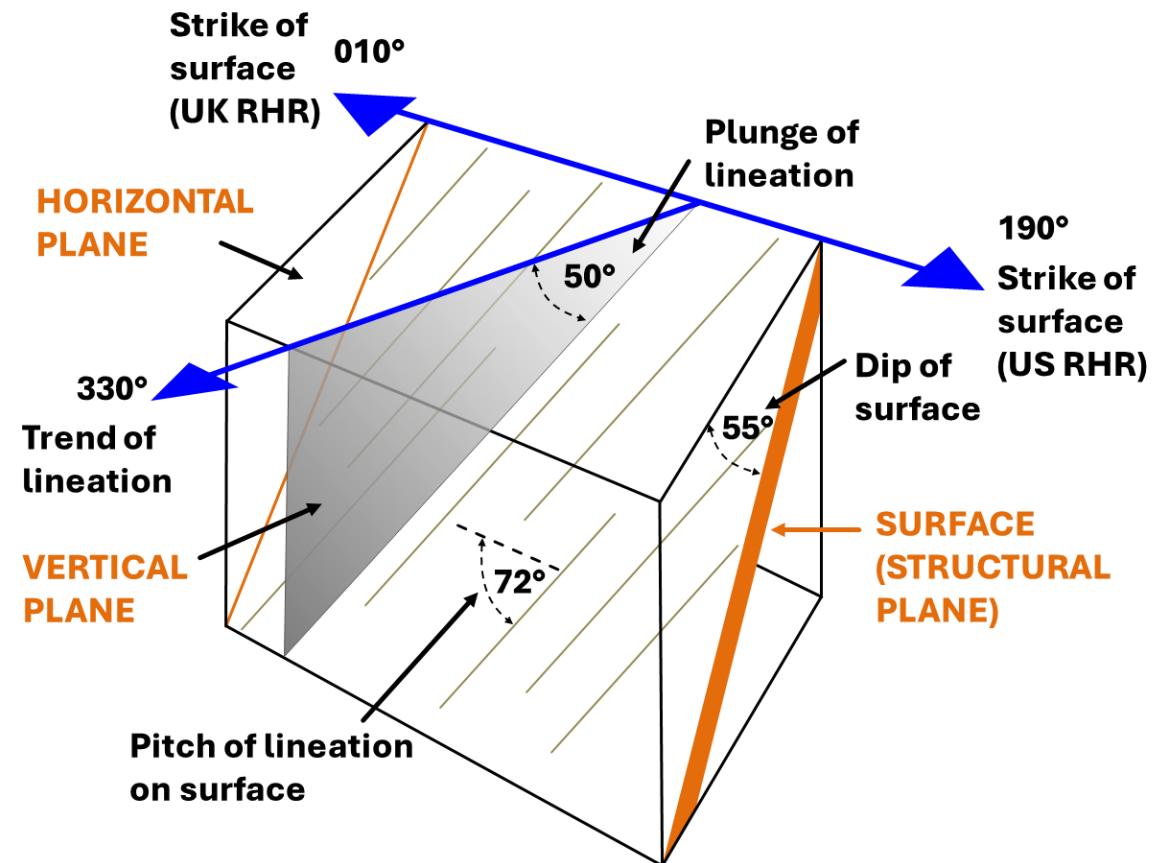
- The [dip] of the [surface] is 55° .
- The [surface] [dips] steeply from $75-80^\circ$.
- ...with [surface] [dipping] 55° ...
- The [lineation] [plunges] 50° .
- The [plunge] of the [lineation] ranges from 45° to 50° .



Strike/Trend/Pitch

Strike/Trend/Pitch noun

- The [strike] of the [surface] ranges from 010 to 015°.
- The [surface] has a [strike] of 015°.
- The [lineation] has a [trend] of 330°.
- The [pitch] of the [lineation] is 72°.



Orientation Grammar Rules

Orientation Convention

- The orientation of the [surface] is 280,55. The orientation of the [surface] is 190/55W with the dip ranging from 32 to 61 degrees.

