

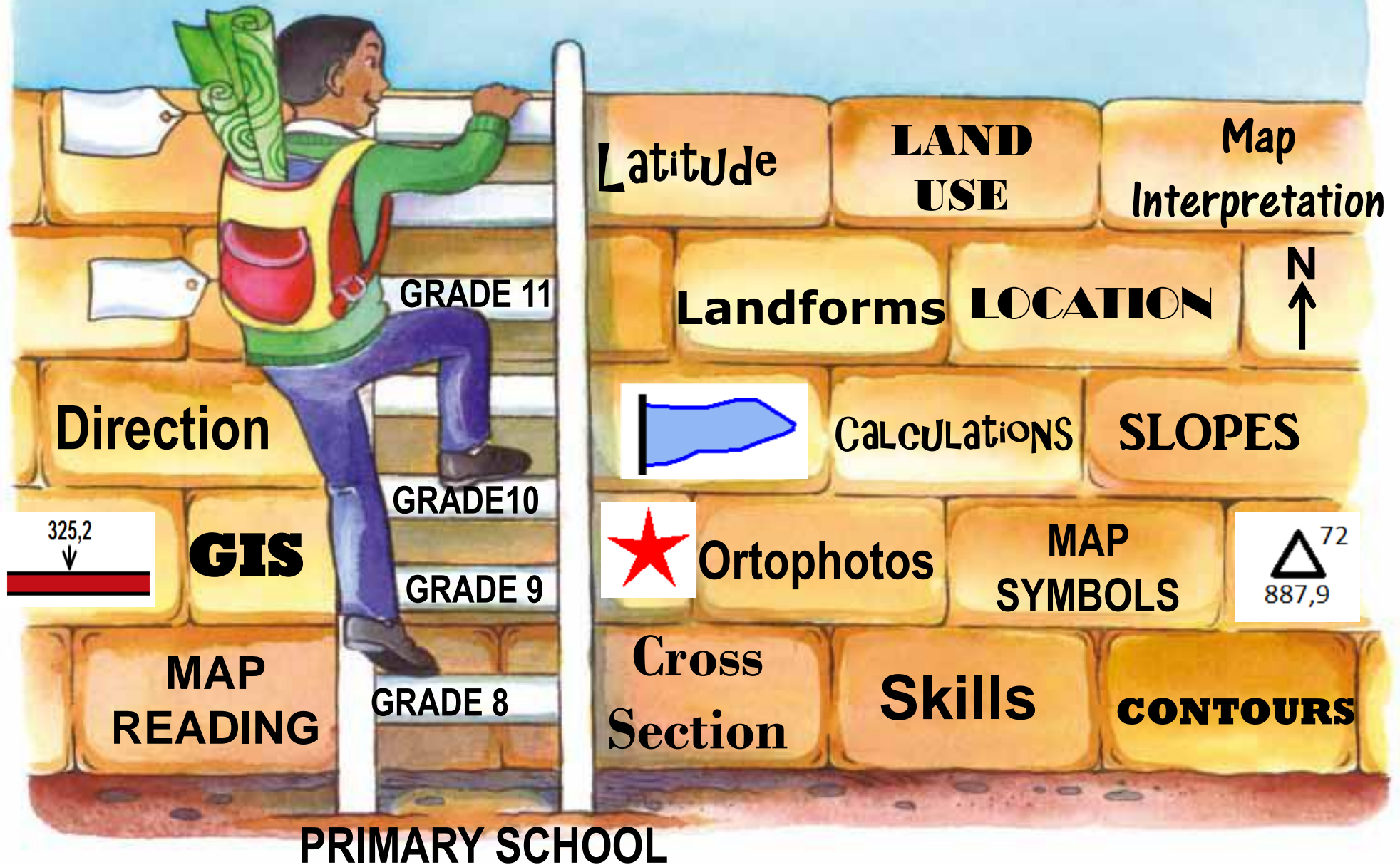
GEOGRAPHY

MAPSKILLS



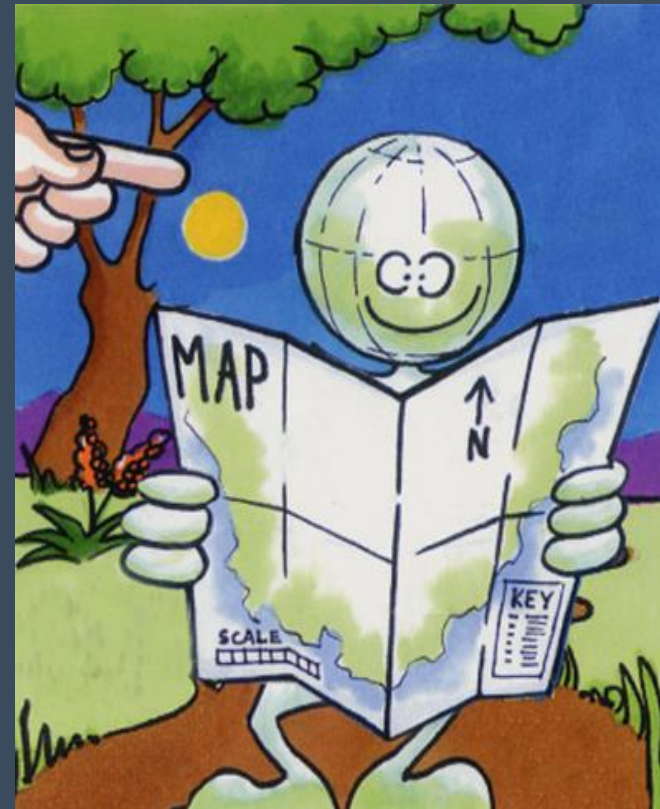
Glen.Samaai@westerncape.gov.za

Ready for Gr 12 Map Work Exam!!

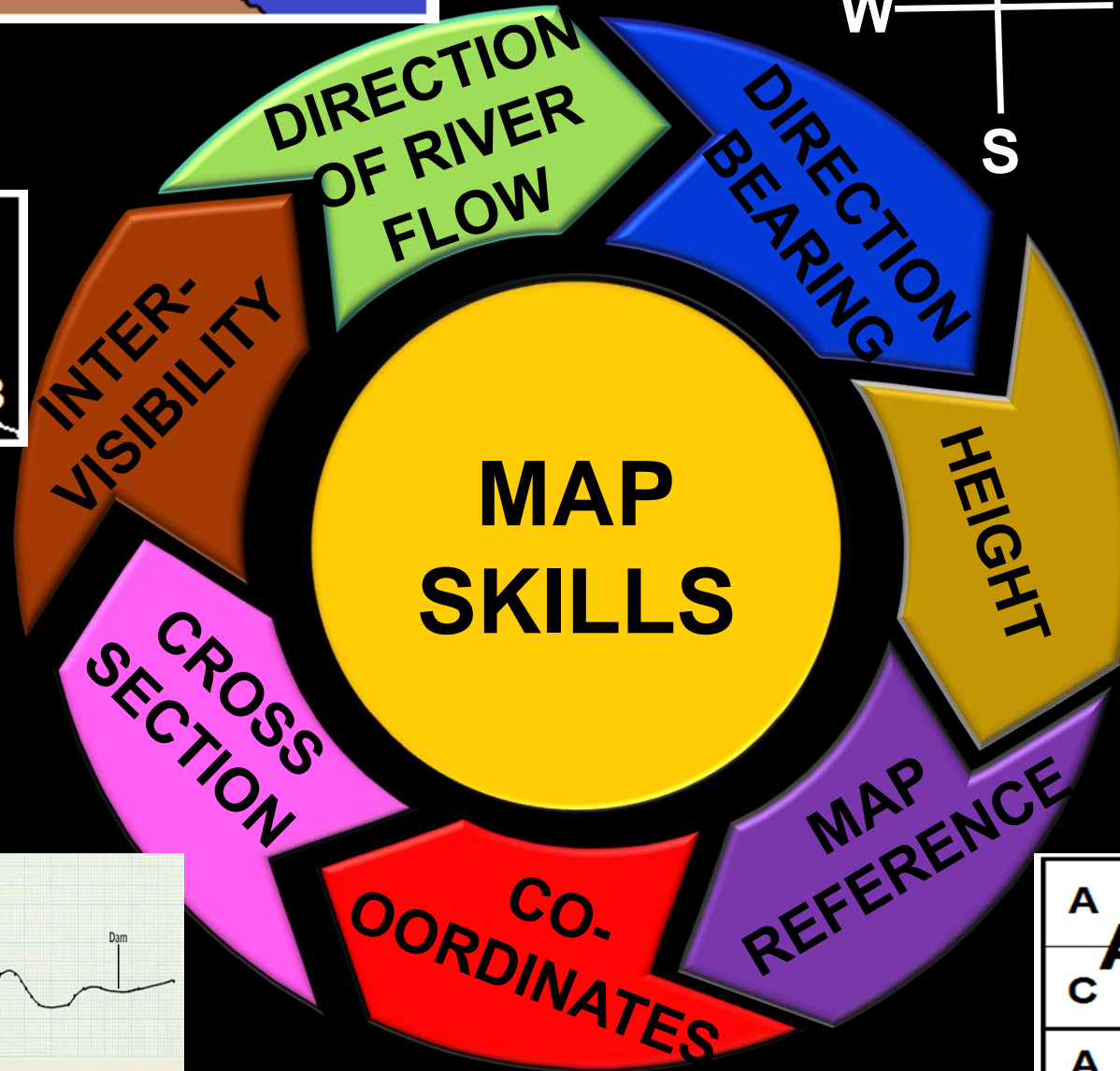
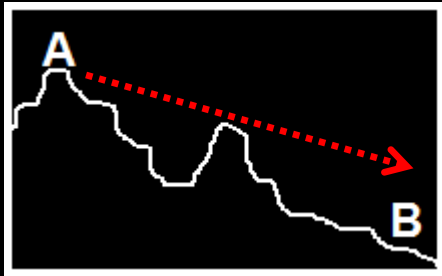
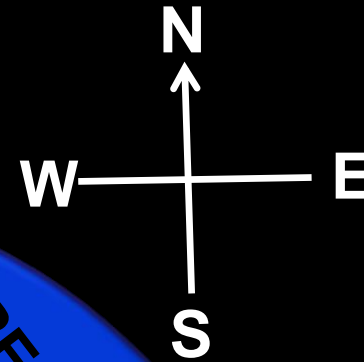
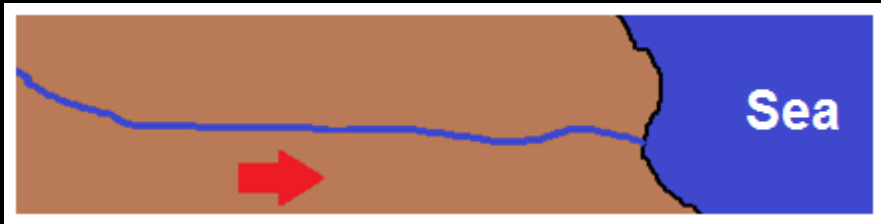




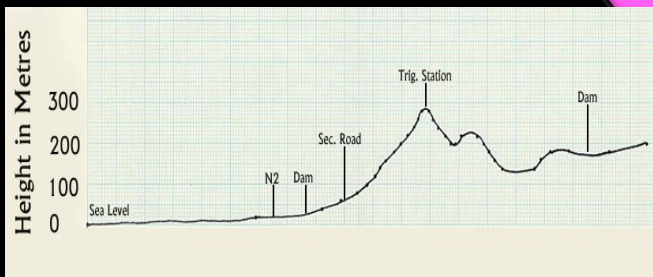
Map



Skills



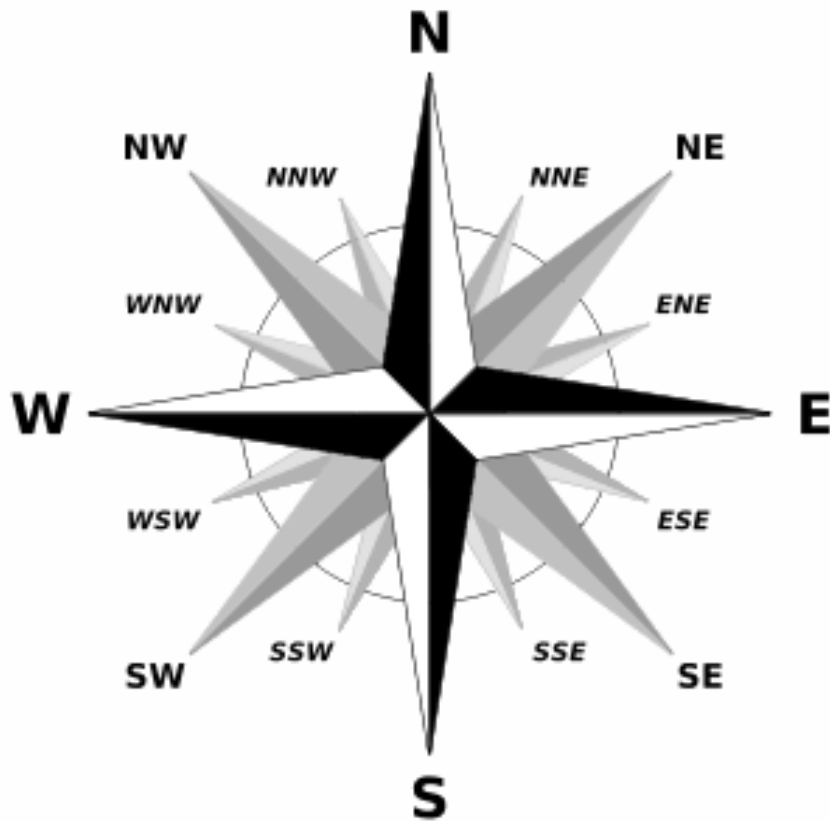
Contours
Trig. Stations
Spot heights
Bench marks



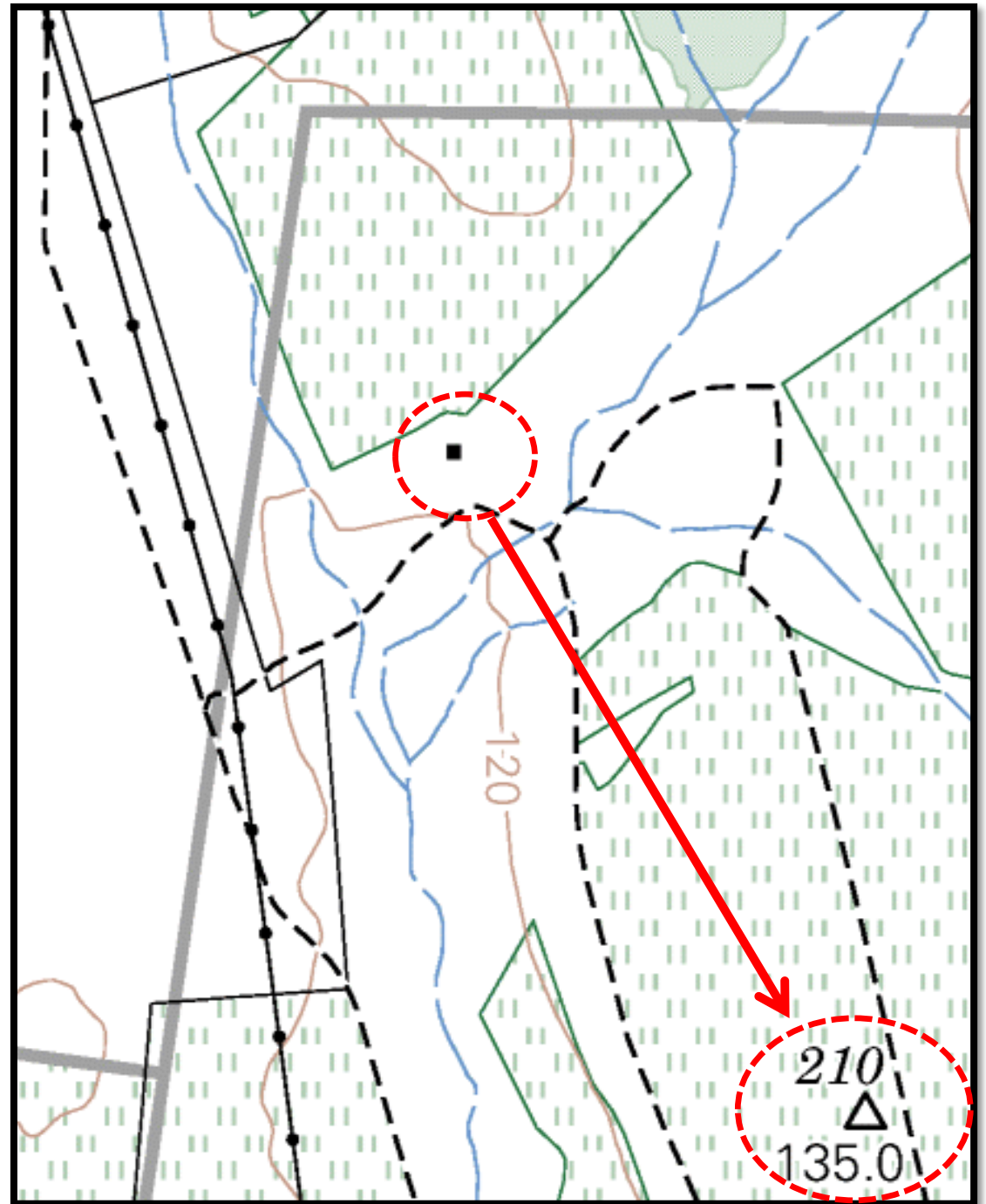
$33^{\circ} 22' 18'' \text{ S}$
 $18^{\circ} 34' 42'' \text{ E}$

A	B	A	B
A	C	B	D
C	D	C	D
A	B	A	B
C	D	D	D
C	D	C	D

DIRECTION



Determine the bearing from the farmhouse to Δ 210



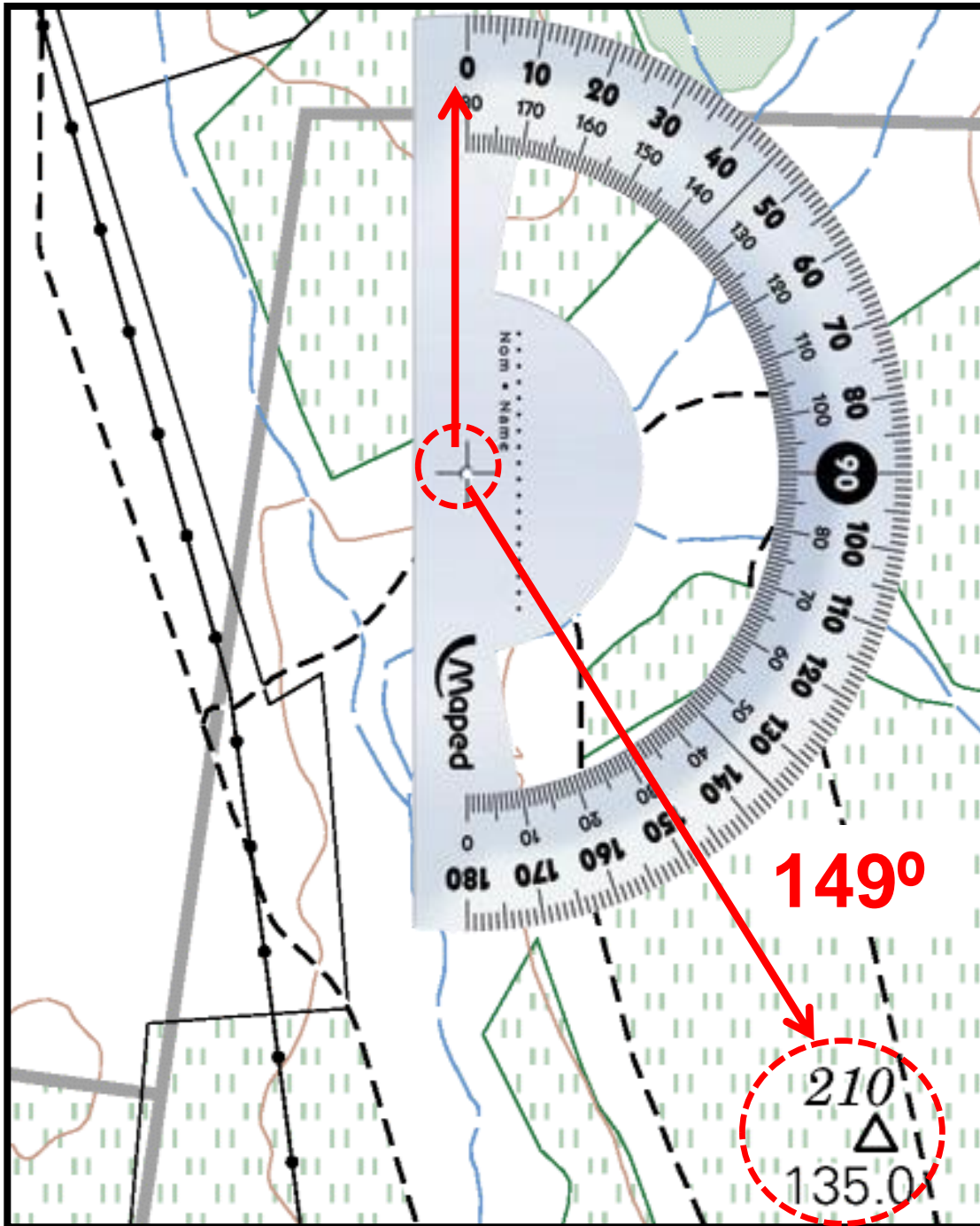
Answer: SE or SSE

BEARING

Determine the bearing from the farmhouse to Δ 210

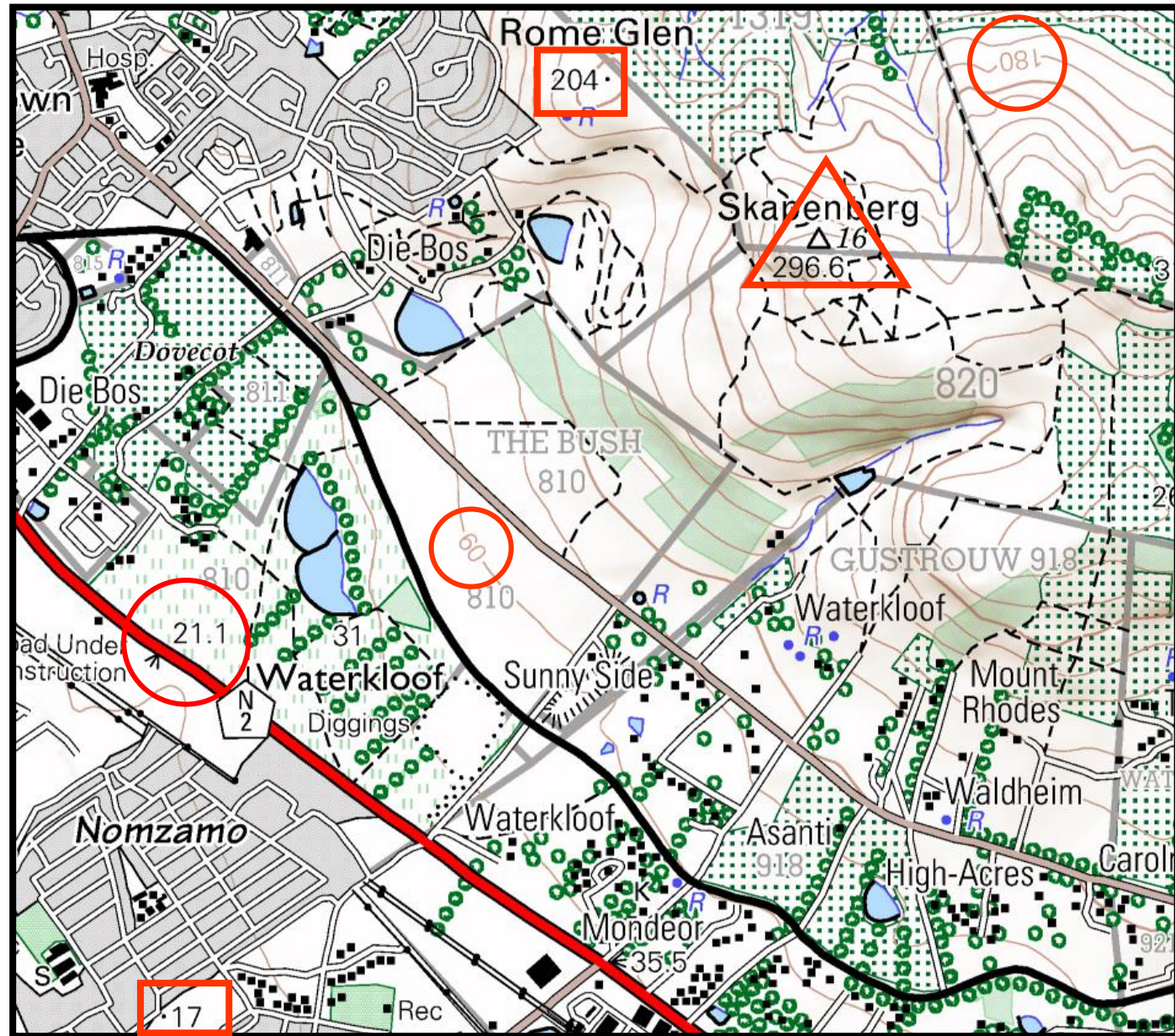
STEPS

1. Draw North line at farmhouse (FROM).
2. Draw TO Δ 210.
3. Use protractor to measure angle.



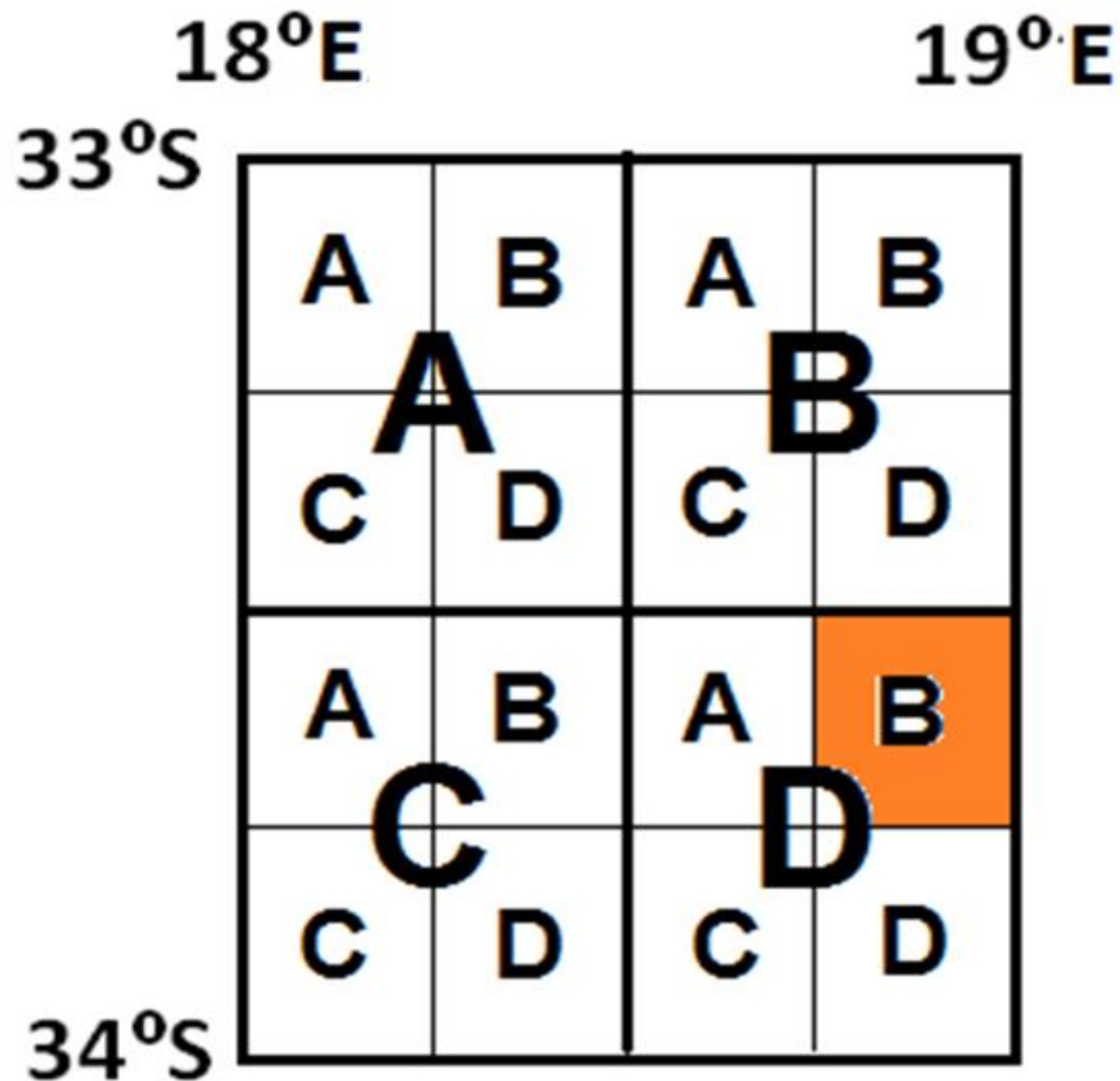
Representation of Height on Topographic maps

- Contours
- Trig. Stations
- Spot Heights
- Bench Marks



MAP REFERENCE

3318DB PAARL



Map Reference

3318DB PAARL

18°E/O

19°E/O

33°S

A A C D	B B C D	A B C D	A B C D	A B C D	A B C D
A C C D	B D D D	A B C D	A B C D	A B C D	A B C D

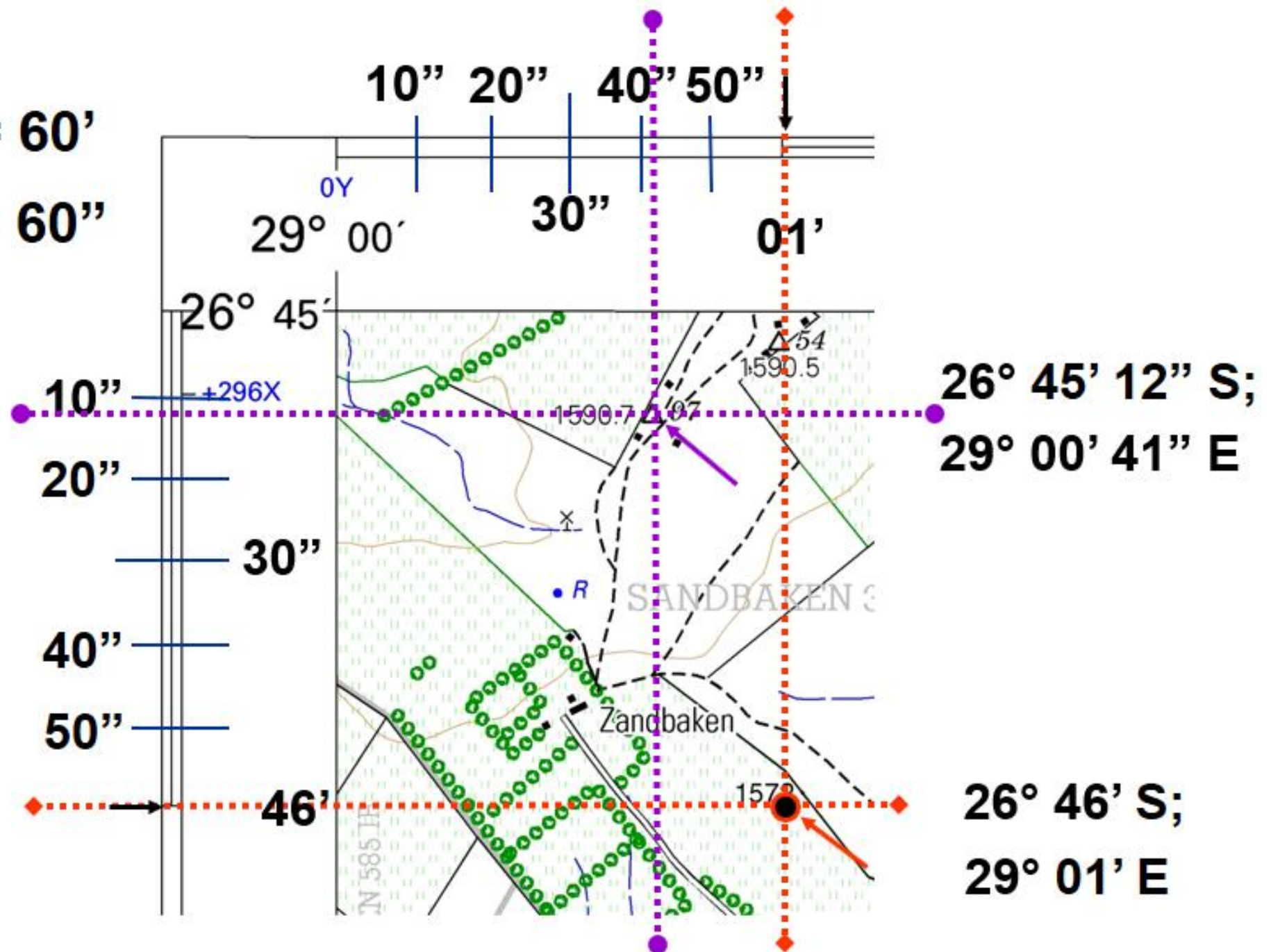
34°S

3319CC

Index map directly Southeast
of 3318DB Paarl?

CO-ORDINATES: From ° to ' to "

- $1^{\circ} = 60'$
- $1' = 60''$



Inter-visibility

Map showing inter-visibility analysis between various locations in the Paarl area. The analysis is represented by a blue dashed line connecting points with red boxes indicating visibility percentages:

- 600
- 654
- 400
- 300
- 200
- 180

Key locations and landmarks on the map include Pienaarskamp, Bertville, Paarl, and the Berg River. An inset photo shows a large rock formation.



Paarl Rock is not visible from the dam

Paarl Rock is visible from the school

**Paarl Rock is not
visible from the dam**

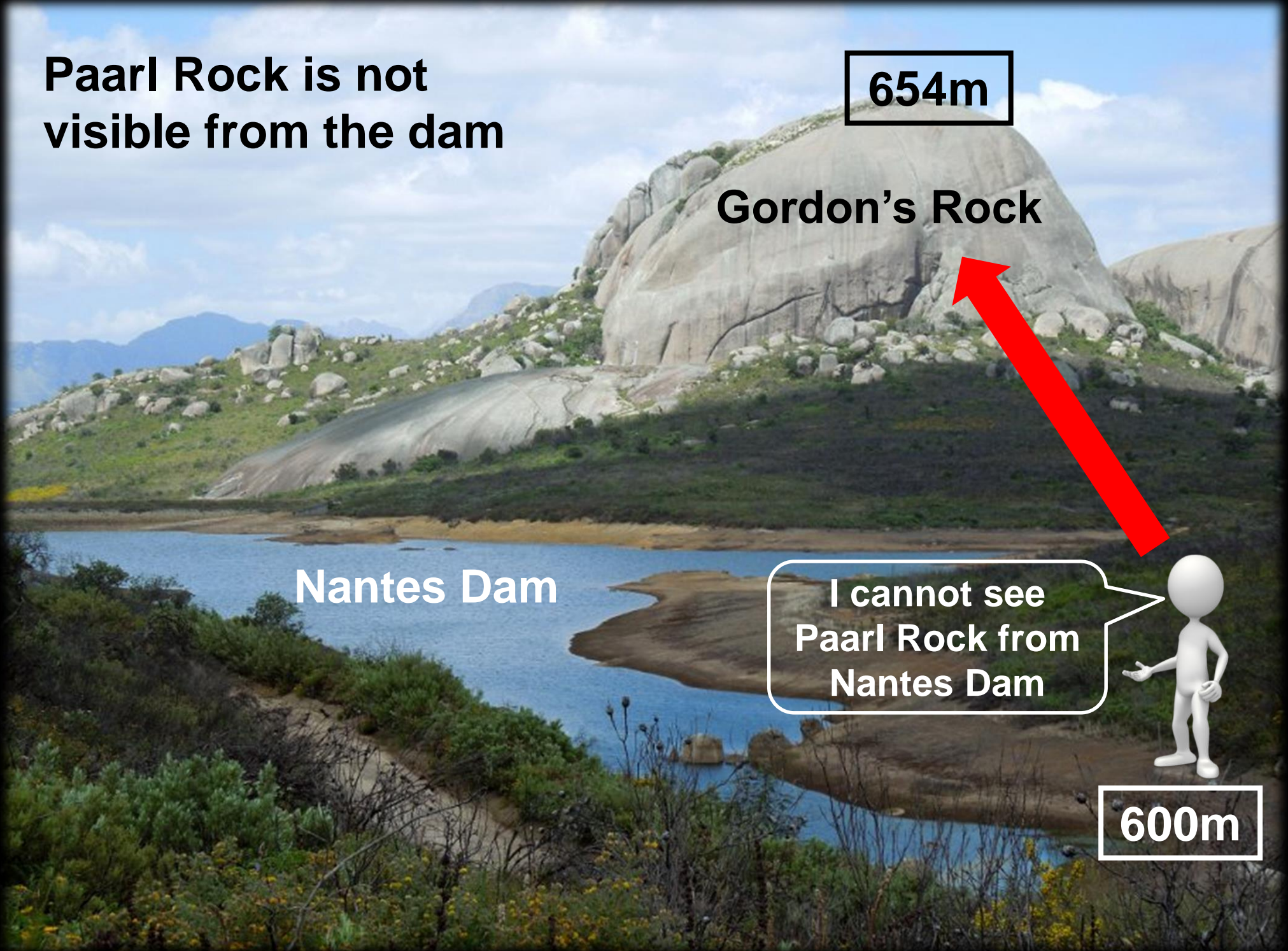
654m

Gordon's Rock

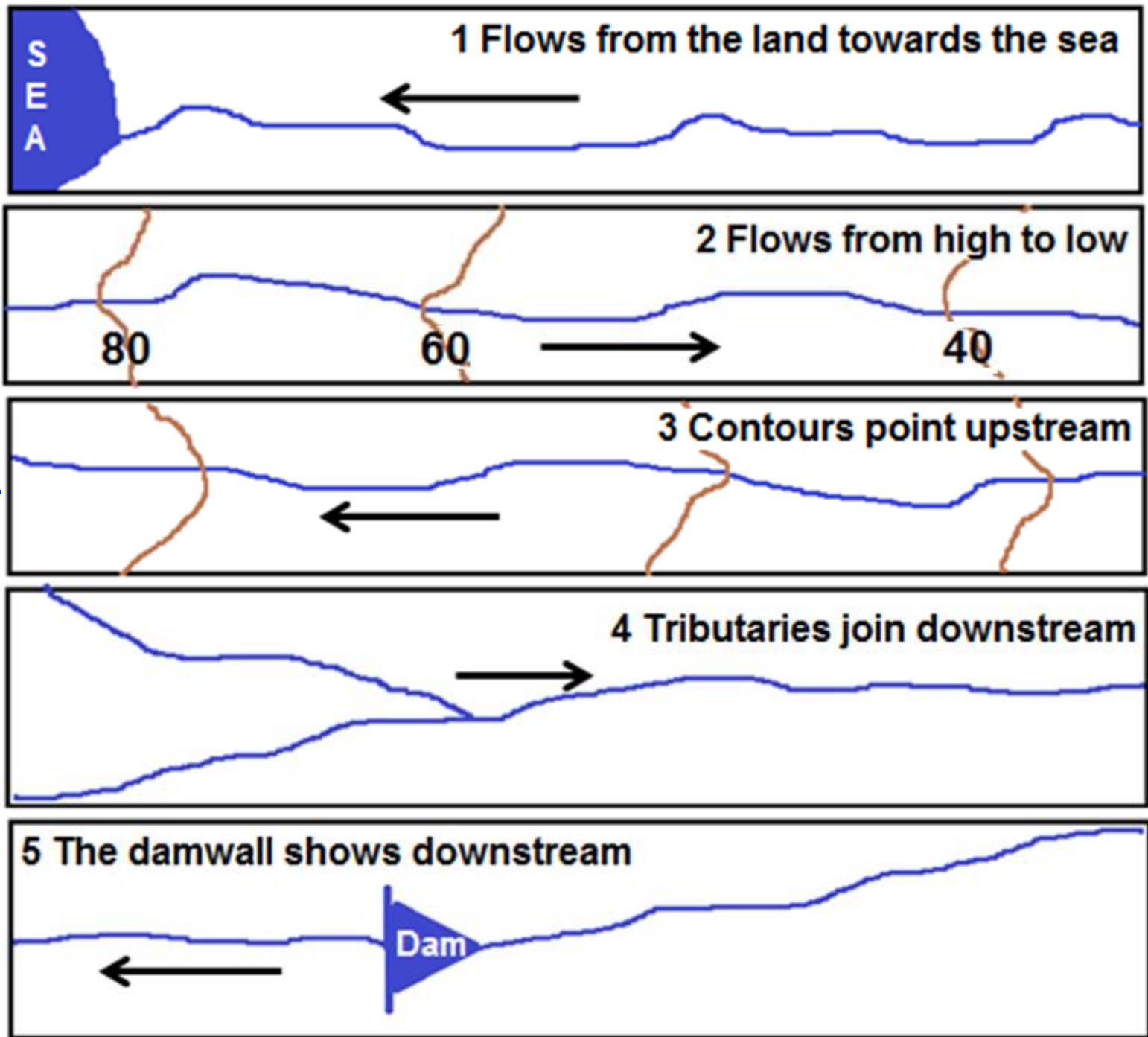
Nantes Dam

**I cannot see
Paarl Rock from
Nantes Dam**

600m



DIRECTION OF RIVER FLOW



In what direction does the Steenbras River flow?

