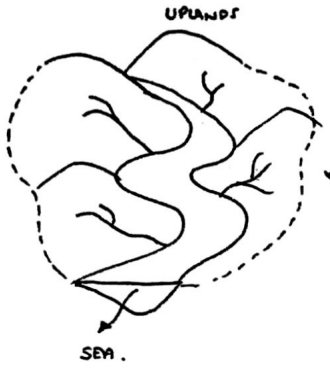
DRAINAGE BASINS - Features?



EROSION PROCESSES?

TRANSPORT PROCESSES

CROSS PROFILE?

	UPPER	MIDDLE	LOWER
Valley.			
Channel.			

RIVER LONG PROFILE?

CHANGES DOWNSTREAM?

- width?
- depth?
- velocity?
- discharge?
- sediment size?

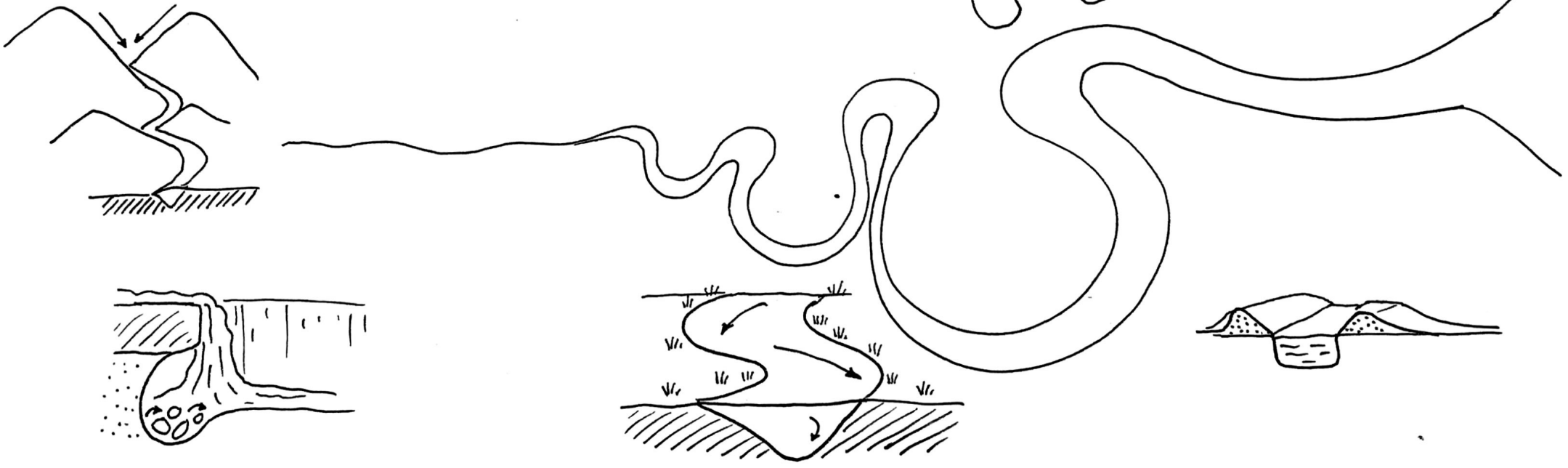
RIVER PROCESSES & LANDFORMS.

DEPOSITION - where might occur? why?

UPPER COURSE

MIDDLE COURSE

LOWER COURSE



HYDROGRAPHS & FLOOD MANAGEMENT

DRAINAGE BASIN SYSTEM
(How does Water Move through)

→ INPUTS :-

→ THROUGHPUTS / FLOWS :-

→ OUTPUTS :-

RIVER MANAGEMENT

① HARD ENGINEERING (definition)?

→ Types : (i)
(ii)
(iii)
(iv)

COSTS

BENEFITS

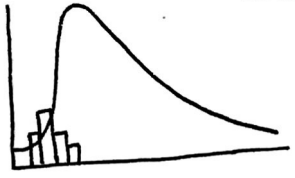
② SOFT ENGINEERING (definition?)

→ Types (i)
(ii)
(iii)
(iv)

COSTS

BENEFITS

HYDROGRAPHS.



Features of a hydrograph?

Why might these graphs be different?

What is Lag Time?

What will affect lag time?

FACTORS AFFECTING FLOOD RISK

Human ↓

Physical. ↓

BANBURY CASE STUDY.

Where? Why need protecting?

Strategies used? (i)
(ii)
(iii)
(iv)
(v)

Successful?

COSTS ↓

BENEFITS ↓