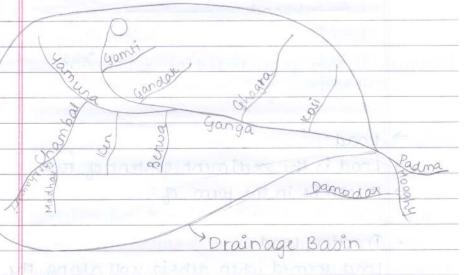
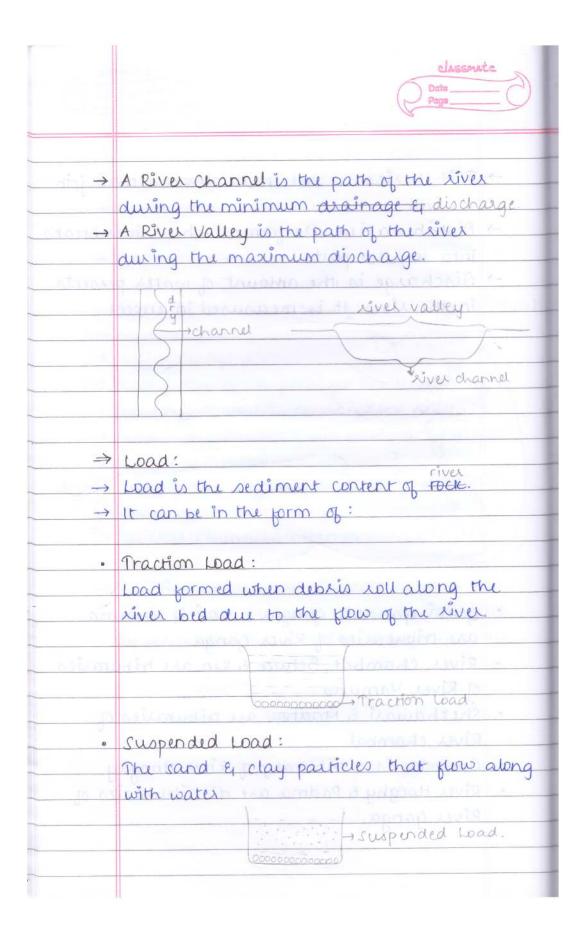




- → Tributaries are the small streams that join a river.
- → Distributation are formed when river breaks into smaller parts.
- in the river. It is measured in cusecs.

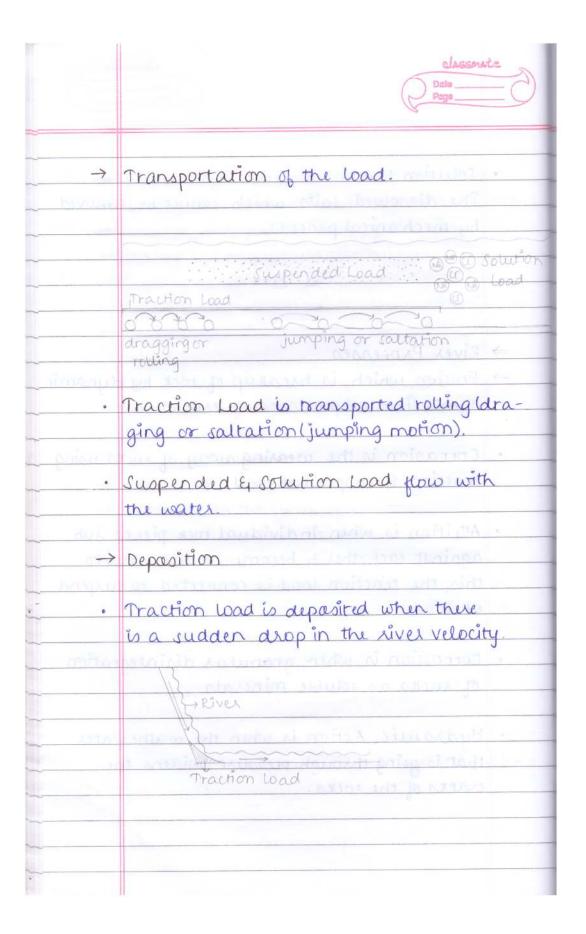


- · Gomti, Gandak, Ghagra & Kosi & Yamuna are tributaries of River Ganga.
- River Chambal, Betwa & Ken are tributaries of River Yamuna
- · Shekhawari & Madhav are tributaries of River chambal.
- · Damodar is a tributary of River Hooghy.
- River Hooghy & Padma are distributaries of River Ganga





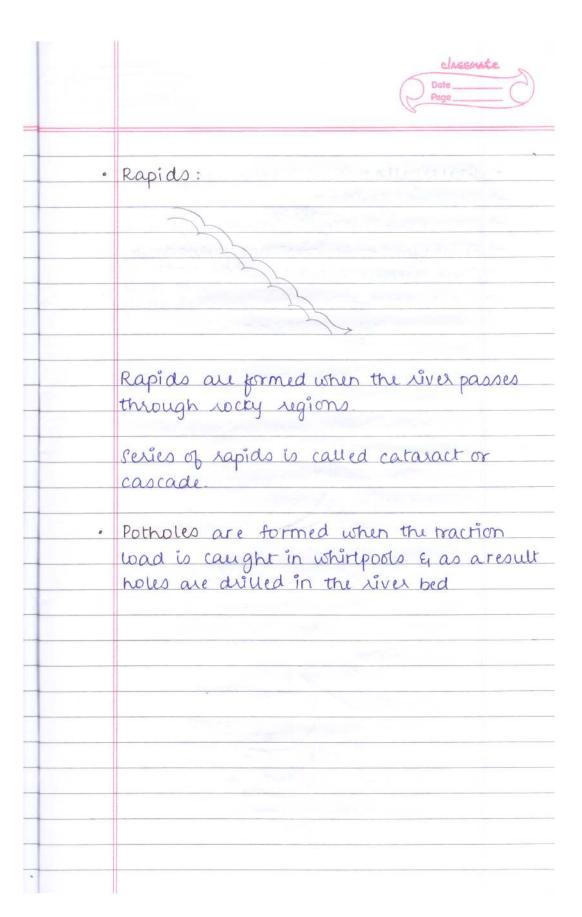
		Date Page
		Solution Load:
		The dissolved salts which cannot be removed
_		by mechanical process.
_		\
		(Nat)
		- Charles and the Day
	\Rightarrow	River Processes.
	→	Erosion, which is breakup of rock by dynamic
		agents. The subprocesses of erosion are:
		aing or sollow imply motion)
		Corrasion is the wearing away of rocks using
		traction & suspended load.
		EXELECT AT
		Attrition is when individual rock pieces sub
_		against eachother & become smaller. Due to
		this, the traction load is converted to suspend-
		ed toad. The britishing is all both and and a
		tisalov zavia satt ai gaza asabus a si
	6	corrossion is when granulas disintegration
		of rocks as soluble minerals
	ь	Hydraulic Action is when the wather water
		that is going through pressure widens the
		cracies of the socies.

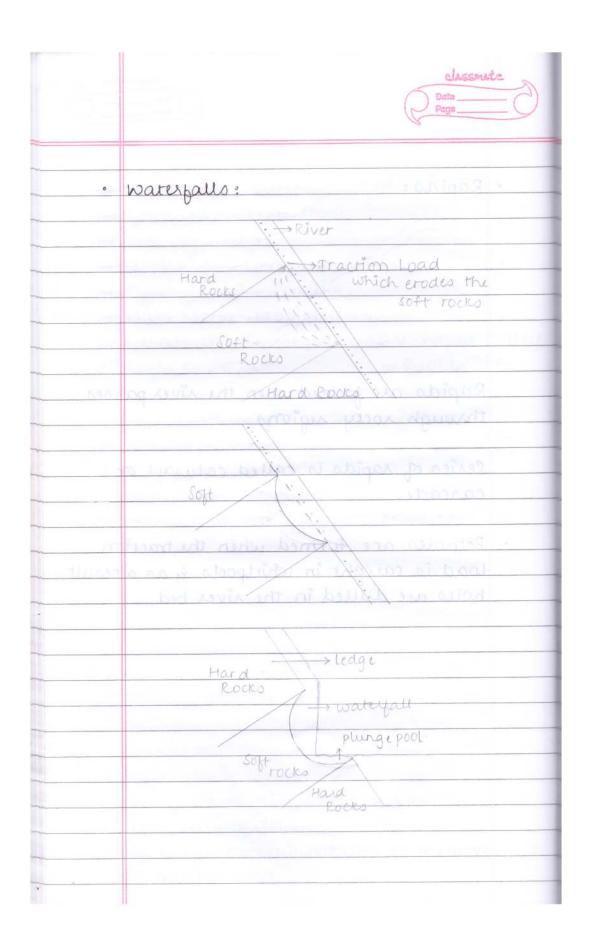




	Clasemate Date Page
0	Suspension load is deposited when the
	water is still & the velocity is dead slow.
	Solution load is deposited when the river dries up.
	Mind Wheth - Etatim
	Courses of the River:
→	The upper course when the siver is in
	the mountains
	- Petta plan
1	The Middle Course when the river is in
	the plains
→	The Lower course when the river meets
	the sea.
	→ upp a course
	Middle course Lower course
	1 sea
	Mouth twhere the
	river meets the rea)
	, i.e. vaaj
-	
	Long Profile of the River
	mueb pritting chill
	- It is more prominent due to preserve
	town to

	Date Page
\rightarrow	The Upper Course:
	gradient - Steep slope
	Velocity - tigh
$/\sim$	Discharge - Low
\rightarrow	Discharge - Low Type of Load - Traction
\rightarrow	Main Work - Erosion
	Landforms / Consequences - V shaped Valley
nī.	- Rapids
	- waterfall.
	- Potholes.
	- The History course was the sive of
0	Vshaped Valley:
719	The Lower when the siver m
	Recoggiraction Load endes
	the bottom part & makes
	↓
	· See Traction Load
	15
	This cutting down
•	2
	It is more prominent due to preserve of traction wad.







The upper course ends when the river doesn't have enough energy to carve its own path thence, after the upper course, while coming to down to the middle course through the mountains & hills, the river finds its way through interlocking spurs

Peak

Spu --/

River

Intulousing spurs.

This motifice food is disapped at the

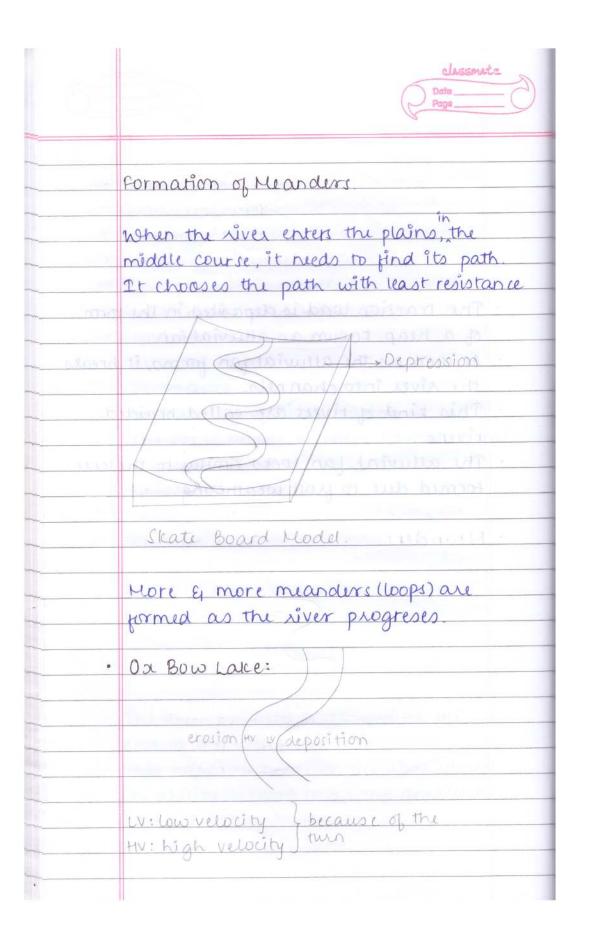
This hopping bridges the river loose

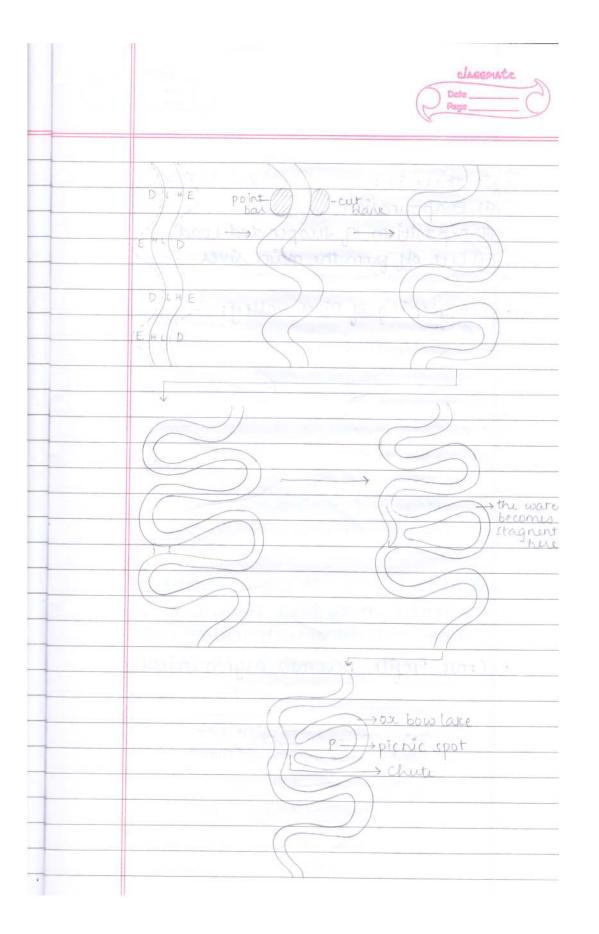
its ability to carry it as the gradient

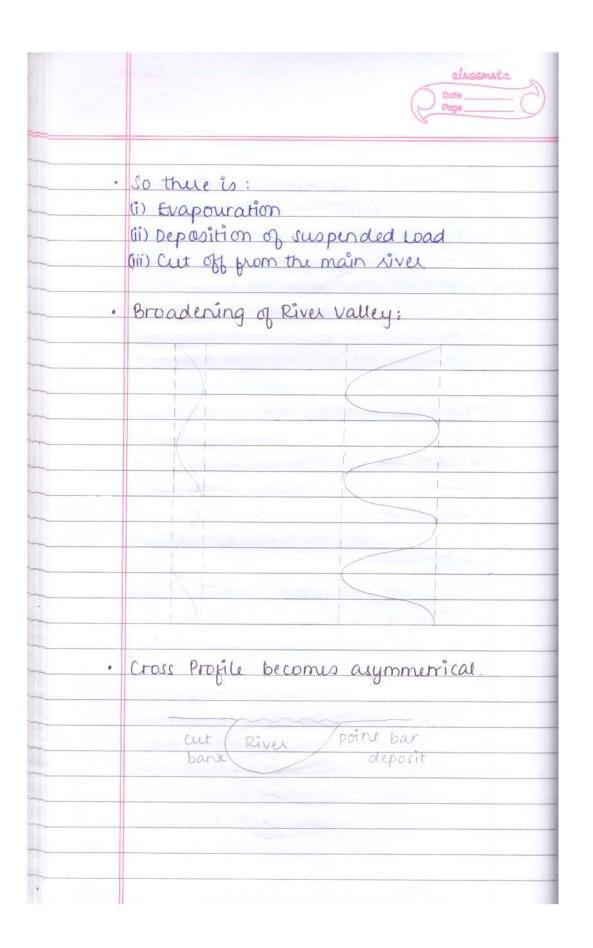
soul of paddless allow

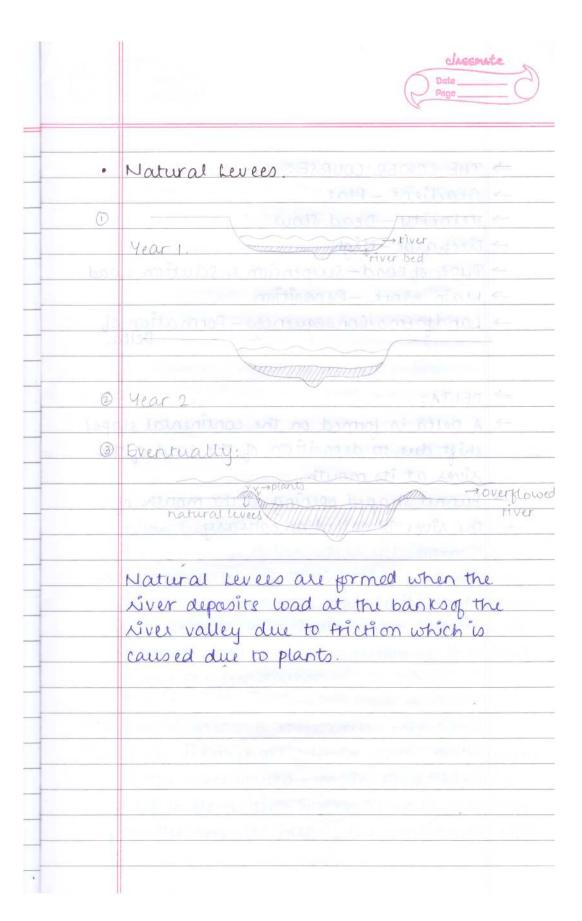
N	
	Middle Course:
	gradiet-gentle
	velocity - Moderate
	Discharge - Hoderate
	Type of Load-Suspended
	Main Work - Transportation
<u>→</u>	Lanforms / Consequences -
·	· Alluvial fan
	· Meanders
N	· Broadening of River Valley
p	· The Cross profile becomes asymmetrical.
	· Ox Bow lake
~	· Levees.
	Alluvial Fan:
	Veiw:
	Traction Load.
·	
	The traction load is dropped at the
×	end of the upper course.
	This happens because the river looses
N	its ability to carry it as the gradient
	palls resulting in slow
	U J

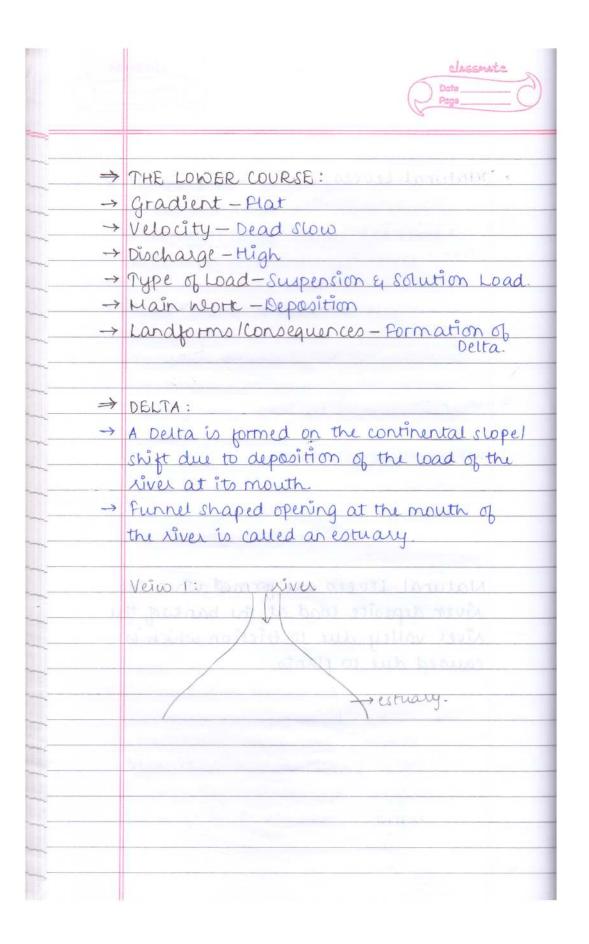
	Classmate Date Page
	Veiw: 2.
	set and set me since the wines the
A A	Traction load
150	Braider river
	The traction load is deposited in the form
	of a heap known as alluvial fan.
	As soon as the alluvial pan forms, it break
	the siver into channels.
	This kind of rivers are called braided
	rivers.
	The alluvial fan Looks similar to the scree
	formed due to prost weathering.
	V
	Meanders.
	Mare & more (minding (leops) and
	the loop-meander
	* On Sour Late .
	A meandering river
16.	

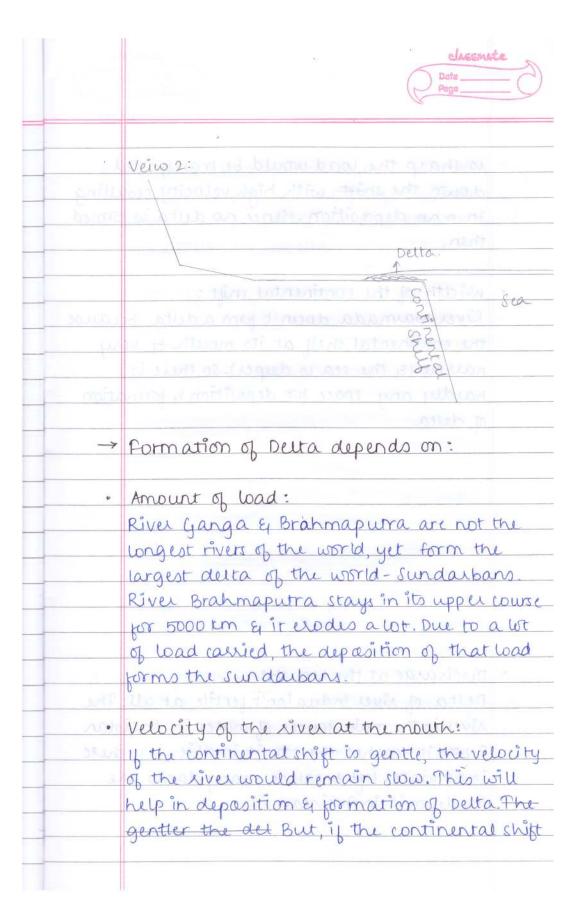














is sharp, the load would be transported down the shift with high velocity, resulting in p no deposition. Hence, no duta is formed then.

Width of the continental shift:
River Namada doesn't from a delta because
the continental shelf at its mouth for very
narrow 14 the sea is deeper). So there is
hardly any space for deposition 4 formation
of delta

p bloom & sec

Discharge at the Mouth:

Delta of river Indusion't fertile at all. The

river is the main source of water in Pakistan

Before it reaches the sea, it is drie dry; there
is no water left because many dams are

made on it in Pakistan.

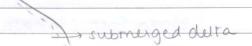


\rightarrow	When a delta begins to form, only some of
	the delta is risen. Most of it remains subm-
	erged in the water. Such a delta is called
	an ESTUARINE DELTA.

Veiw 1:

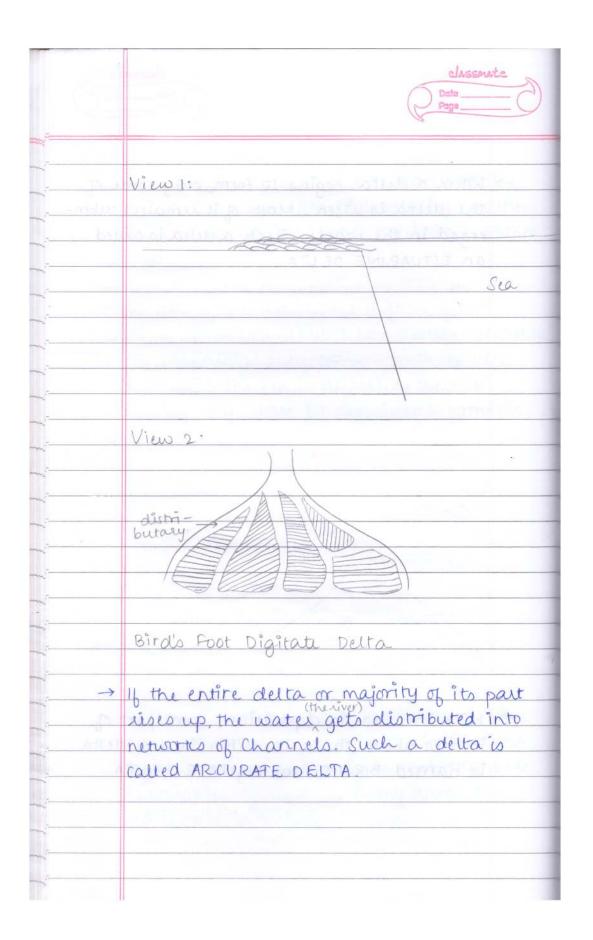
Sea

Veiw 2:



→ With increase in deposition, some part of it rises above the water. This I such a delta is named BIRD'S FOOT DIGITATE DELTA.

River.



	Classmate Date Page Page Date Page Date D
jš. λ	not magastari ju thround set of trice() to
-7090	Tongs In the method in the method
→	Deltas are fertile because the soil is
	renewed continuously by the river They
	are densely populated hence.
\rightarrow	But, Deltas don't offer good foundation.
L how	- House have energy. The throughtle
	in wayes depended on:
	. Trongth of wind - The greater the
DAVES	it reprose the through the
	ou est require LAT - Attoo p At 122 .
	the stronger the seaven.
	lounsett don't lot of the fire
· ·	of the walls the state at the life
Corp.	D W MANAGAMA SAJA MANAGAMA MANAGAMA
-)	