

SEMESTER-6
GEOLOGY(H)
C13T-UNIT 6 (PHOTOGEOLOGY)
**Identification of Fluvial &
Aeolian Landforms**

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- It is a meandering stream and the other streams are coming and meeting the main stream here. These are the hilly areas which you can mark.



- This is very a black and white photo where you can pick up the fluvial landforms. One thing very important here we can ask while tracing out the landforms here but why the channel is so straight here and then you have a very thin portion of vegetation here. Now this channel here what we say is your channel and this is an example of a channelized flow.



- Here it is very typical of your channel here and then along with that you have a settlement sitting on this region. So if you carefully observe, then you can identify some man-made structures, this is the bridge here but at the same time if you see the portion like accumulation of the water on both the sides probably could be a barrier here .

Aeolian Desert Dunes



Aeolian Desert Dunes

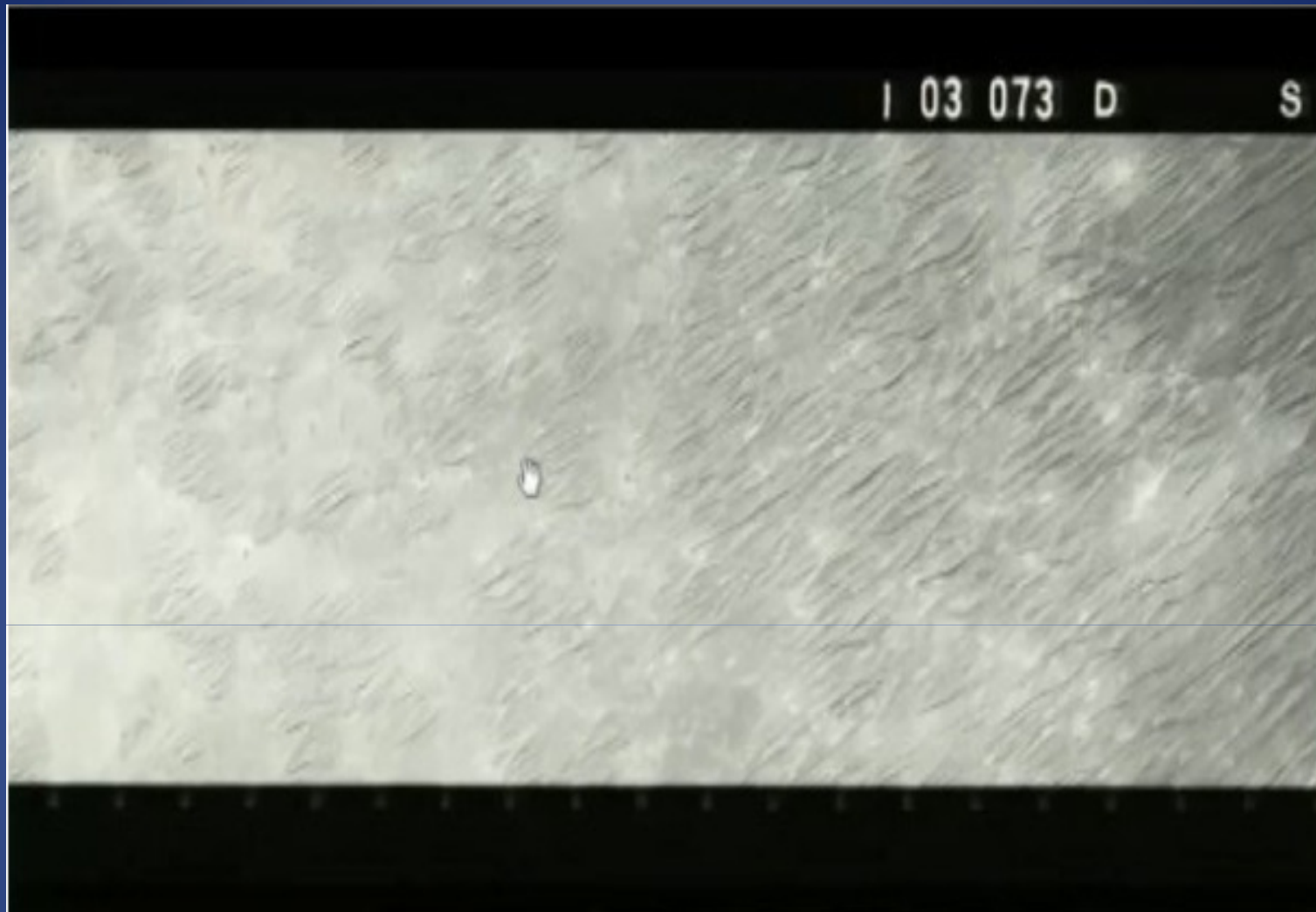


Eolian
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- Now if you carefully look at this image you see in your left and this whitish tone features this is your stream which flows at the contact of the desert and aeolian plane areas. This photograph is demarcating this boundary between the desert and the alluvial plains and this is from Rajasthan and this also marks the contact between the two different geomorphic areas or the zones and this contact is also representing the fault contacts.



- It is a typical of the linear dunes or longitudinal elongated dune field and contact between the alluvial plains and desert. So, all this linear feature is nothing but the topographic which is being created because of the aeolian activity and the wind action the file is bit heavy you will be able to demarcate the land forms very easily This is an another example of longitudinal dunes which you can clearly pick up from resolutions satellite photo and these are from Thar desert.

THANK YOU