

On Site at The Barrage de Lalla-Takerkoust

Having left Marrakech behind, you are now entering the lower foothills of the **Atlas Mountains**.

The scenery on the far horizon should begin to excite you as the high mountain peaks of the Atlas Range come in to view.

Figure 3 shows a view across **Lalla-Takerkoust** (the **reservoir**) and to the **Barrage** (the **dam**).



Figure 3

Task 2:

Consider the table below. The table shows some of the **geographical factors** that need to be considered when selecting the site for a reservoir and a dam. You should now complete the table (with the help of your teacher(s)). This will allow you to evaluate just how good this site is for a dam and a reservoir.

Important feature for the site of a reservoir ...	Why is this feature required?	Is this feature present here?
A high total amount of annual rainfall		
Rainfall with an even regime all year round		
Having winter precipitation falling as snow on mountains		
Many tributaries feeding into the main river		
In area of land where few people live/farm		
... and for the dam:		
At a deep, long, narrow gorge on the river		
Where the rock is strong		
Where the rock is impervious (non porous)		
Other?		

Your overall evaluation of this site, on a scale of **1** (worst) to **10** (best) = _____