

15/9/07.

## Waterwheel.

The wheel is back in motion.

Hallelujah! Without any direct influence from me, the massive burden of the cast iron peripheral ring-gear which apart from imposing considerable diagonal loading imbalance, looked totally incongruous, has been removed. I just hope the stress that it has incurred has not permanently compromised smooth operation. Its addition at a late stage to a design which was very obviously not intended to accommodate it was a very serious mistake.

Because of the incredible velocity of the water exiting from the ravine above the bridge after heavy rainfall, I had recommended that the intake ~~the~~ port for the delivery flume should be permanently throttled <sup>down</sup> to a maximum <sup>of</sup> 50 mm to protect the wheel but it has been opened up <sup>again</sup> to about 40 cm which will ensure dangerous 'powering-up' during flooding. Officials still don't have a clue about the incredible dynamics of the stream when over 20 mm of rain falls in an hour.