Dihitar Irrigation

Infrastructure Support to Improve the Lives of the Marginalized Communities of Lothar

A photo Report

Meeting with the locals

An essential part of the project; these meetings and dialogues help us better understand each other, the terrain, the locals, share ideas, resolve conflict, and helps us to stay focused for a successful partneship.

Re- Surveying of Irrigation Canal

Before the initiation of the project, a 2nd technical survey is done; this makes the project run smoother and with minimum technical obstacles. The weaknesses, if any, of the 1st survey are found then improvisation and technical changes are adopted and subsequently changed in the budget and the scheduling of the program.

Gathering to go for work

The locals gather for instruction and information before going off to work on the project. Shanti Griha emphasizes on community contribution - volunteer labor and in-kind support: a project cannot be successful without the support of the local community. Mutually beneficial collaboration and moral support are a vital part of any Shanti Griha project.

Site Clearance of Canal

The local inhabitants are working on site clearance of the canal that will be improved and capable of carrying water to their fields; better harvest, more crops and vegetables, and improved food security.

Canal after site clearance

The old canal is clean of debris and ready to be improved and made better. It is a dangerous place to work with leeches, roots and stones getting in the way, and the working space a little congested.

Canal Stone Soling

The old canals were just trenches, with water flow restricted and leakages that prevented sufficient water for the fields.

Stone Masonry Cement Mortar Wall Construction of Canal

Stones and cement have been used to reinforce the canal walls; less chance of leakages and big enough for a better water flow.

Cement Plaster of Canal (Completed Canal)

An image of the finished product. Reinforced with stones and cement and plastered we expect this to last longer than the original canal

Stone wall erected at a landslide prone part

There have been some improvisations that Shanti Griha had to adopt. This stone wall was constructed at a landslide prone area of the irrigation canal. This improvisation was done after our 2nd technical survey.

Intake and Washout

This picture depicts an intake constructed at the source. The Washout can been seen at the top right. There's a groove where a wooden plank goes in; this will help to control the water flow. Excess water will be let out so it does not overflow the canal walls. A dry stone wall will be erected at the right side of the intake.