Meeting Notes

Date: 13/10/2013

Location: Eng. Poya's Office, MRRD

Participants:
MRRD: Eng. Poya, Eng. Mansoor, Eng. Ramazan & Eng.???
DACAAR: Eng Jawid
NORPLAN: Andreas de Jong

No.	Issue	Action
1	There is a plan to carry out a geophysical survey in Maimana. The participants will be: From MRRD: Eng. Jalilm Mansoor & Ramazan From DACAAR: Eng. Jawid, Hassan & Hadi i.e 6 people. It is proposed to form two geophysical teams to maximize productivity.	
2	The exact schedule & activities for this project have not yet been fixed, so a first draft workplan was elaborated during this meeting. It is proposed to carry out the survey between Saturday 02 November & Thursday 21st November.	Team members to check draft workplan
3	Travel to Faryab is proposed by air for security issues. A vehicle could transport the heavy equipment Kabul-Maimana.	
4	Dave has done a desk study of baseline data. DACAAR should check if everything has been included, or if there is any other information available	Jawid/Hassan
5	On arrival in Maimana, the team should talk with: 1) The governor for an update on security issues. Security in Torpakhtu is "questionable", and in Yam Bulaq it is "bad". This needs to be verified, before the exact groundwater exploration area is fixed by the team. 2) The MRRD driller for local knowledge of the aquifers. MRRD has drilled a well in Torpakhtu three years ago. Any info?	MRRD/DACAAR field team
6	A baseline needs to be carried out once the groundwater exploration area is fixed. See Dave's notes on what to do. In the workplan three days have been allocated for this, but it may take longer. An important issue to address is who the potential beneficiaries are, or are we just doing an academic study with monitoring wells which will be handed over to MEW? Water demand surveys should be carried out in nearby villages such as Torpakhtu, if it is safe to do so.	MRRD/DACAAR field team
7	Fridays are rest days.	
8	Following the baseline survey, the rest of the time will be spent on geophysics (estimated 12 working days). The approach should be: 1) Calibration soundings near all wells where good geological logs are available. E.g. Bibi Aina borehole. 2) 3 – 5 profile lines starting at the Maimana River and extending perpendicular to the river across the survey area. Resistivity	MRRD/DACAAR field team

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	profiles can be carried out at one or two places near the river to check for rapid lateral changes, but mostly we are looking for regular VES soundings along the profiles. Try to choose profiles which go close to existing wells which can be used as calibration soundings. 3) The VES arrays should be centred on the profile line, and perpendicular to the profile if possible. However, if there are straight roads or other features that make the survey easier, these can be followed.	
9	Andreas can provide guidance during the course of the survey. Please e-mail the data on a daily basis.	
10	We should view this field survey as a training exercise for groundwater exploration techniques. It is unclear who the beneficiaries are at this stage, but this should become clearer during the baseline survey. The geophysics will be followed up by exploration drilling so it is important to think about the whole conceptual hydrogeological model of the area – what are the potential pollution sources etc.	
11	A budget framework has been put together, but the costs need to be filled in before an estimate can be obtained.	Abrar/Eqrar