

**Tentative Schedule for Course 1.4:
Hydrogeology I – Water Well Design**

Day 1 – Sunday xxx September (revised 29.06.13)

Time	Activity	Presenter
09:00 – 09:30	Introduction to course Introduction of participants	Professor Eqrar
09:30 – 10:30	Presentation: Introduction to Well design	de Jong
10:30 – 11:00	Break	
11:00 – 12:30	Presentation: Data required for Well Design	de Jong
12:30 – 14:00	Lunch	
14:00 – 15:30	Practical: Well design using Afghan data. Screen slot sizes determination. Design of gravel pack.	

Day 2 – Monday xxx September 2013

Time	Activity	Presenter
09:00 – 10:30	Presentation: Well screen & casing materials & water quality	de Jong
10:30 – 11:00	Break	
11:00 – 12:30	Practical: Well design in complex aquifers	
12:30 – 14:00	Lunch	
14:00 – 15:30	Practical: Well design in complex aquifers. e.g. Khawja Bughra & Wazir Abad in Khair Khana area of Kabul (DACCAR has the data?)	

Day 3 – Tuesday xxx September 2013

Time	Activity	Presenter
09:00 – 10:30	Presentation: Well design in deep confined aquifers	de Jong
10:30 – 11:00	Break	
11:00 – 12:30	Practical: Well design in confined aquifers	
12:30 – 14:00	Lunch	
14:00 – 15:30	Practical: Well design in confined aquifers.	

Day 4 – Wednesday xxx September 2013

Time	Activity	Presenter
09:00 – 10:30	Presentation: Well completion & Development. Installation of casing/screen & gravel pack, well development & commissioning.	de Jong
10:30 – 11:00	Break	
11:00 – 12:30	Practical:	
12:30 – 14:00	Lunch	
14:00 – 15:30	Practical: ??? Inspection of well installation at a location in/around Kabul.	