

Hydrogeological Survey in Faryab-Afghanistan

FORM T-1: TRAINING COURSE SUMMARY SHEET	V1	NORPLAN 
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Course title		<i>Course no 1.3</i>	
Hydrogeology I Drilling operation, collecting lithological data, well design		<i>Date prepared</i>	
		21-06-2012	
Training purpose	Enhancing of capacity building for monitoring of groundwater resources, find out productive water bearing zones with suitable quality, proper well selection side, and finally obtaining of suitable qualitative and quantitative groundwater resources.		
Target group	Education level: (degree/ technicians etc) Hydrogeologists ,technicians, Driller group	Experts/ national planners/ provincial/ district National expert, Provincial and District areas	
Course details:	.Course language(s) Persian		
	Duration(days): 4 Days	No. participants/ course: 10	Theoretical /practical/training? 1 3
	Planned course location(s) Shirintagab	Responsible presenter National experts	Handouts to be prepared by: Presenter
Summary syllabus	Well drilling methods and types, Basic principles, cable tool percussion, Hydraulic rotary drilling, Drilling fluid and drilling mud, Air rotary drilling) Drilling supervision and methods of sampling: drilling penetration rate, rig action, lithological logging, (prepared by responsible officer)		
Training equipment required	Listing of equipment to be made available for course Overhead projector, beamer, white board, for presentation. Drilling rigs (Rotary and Cable tools rigs with all necessities), mud, balance, samples catcher,		
Training material	Can existing material be used? If so what and from where? Topographical, and geological maps, stationary, hand out teaching material If no, what material needs to be developed? Moreover, by who? Material that not exists already must be purchased or developed under the program All syllabus material must be developed by Presenter or drillers, preferably the same as the lecturer		
Field/ practical training.	Preparations needed, responsible officer(s) Training materials, installation of drilling rigs, drilling operation, collection of lithological log,		
Prepared by	Prepared by: NE/AN		