DAY 2:

MARA NORD PROJECT-TRAINING 2010

LESSON 11: GPR DATA COLLECTION – ISSUES THAT CONSULTANT & CLIENT NEEDS TO KNOW

Client has to determine survey goals

- what is wanted
  - layer thicknesses?
  - objects?
  - special targets?
  - subgrade soils?
  - purpose of the survey (pre-design, QA)
- survey depths
- resolution
- accuracy needed
- traffic safety demands
- data delivery formats
- time table (knowing weather risks)

Consultant/Survey provider has to know how to reach the goals

- best equipment for the purpose (2D/3D, survey speeds)
- amount of survey lines
- correct antenna(s)
- best settings (sampling, scans etc)
- traffic safety issues (need for safety car)
- need of sampling and additional/reference data