

Refinement of the ILF/GADZ HRASI Proposal Kick off Meeting with Hydro-Geo

CERN Order reference CA 9145838

23/03/2022

Agenda

1. Round table introduction of attendees and their role
2. Introduction of study (TWA)
3. Review and discuss the Work Order
4. Review and discuss the input documents
5. Proposed methodology (HG)
6. Access to CERN GIS
7. AOB

Study Objectives

- Order scope is for HG to refine the work previously carried out by ILF/GADZ on the definition of geophysical and borehole investigations for the areas of the FCC project where geological uncertainty exists (so called HRASI).
- HG will assess the ILF/GADZ report and provide written comments against each proposed investigation (i.e. each borehole and each Geophysics line)
- HG shall consider the initial objectives of the HRASI (to determine the locations of the Molasse interfaces with other strata in the target area being Alignment 31-1.0 and area either side of the theoretical alignment)
- HG shall propose improvements or alternative solutions where appropriate
- HG should consider the need for both geophysics and significant numbers of boreholes
- HG should consider practical considerations (location) for the boreholes and geophysics

Study Outputs

- Output shall include a table comparing the ILF/GADZ proposals with HG proposals
- HG proposals shall also be submitted in the form of GIS data (layer?)
- The output from this study will be used as input for the HRASI Consultants contract
- The output from this study will also be used as basis for discussions with Host States on access to land plots

CERN Inputs for the Study

- HG will use as input at least the following input data:
 - CERN GIS system that shows (i) the locations of the proposed investigations and (ii) the Territorial constraints;
 - CEREMA comments on the ILF/GADZ proposal
 - JGU comments on the ILF/GADZ proposal
 - GESDEC overview of HRASI
 - Their own experience
 - Any other relevant information they have available or can find
- It is to be noted that under the previous order with HG, one task was to meet with French/Swiss Authorities. If this happens before the current order ends, the output from the meeting(s) can be incorporated into this current study if relevant.