1. Present & problems of groundwater level observation

- Groundwater level plays a critical role in stability analysis.
- Groundwater drainage work is an important landslide control measure, so appropriately evaluating the effectiveness of the control measure is important.
- An increasing number of observation equipment and measurement methods are available such as heating groundwater logging equipment and borehole current profilers.

2. Details of research

- Examination of groundwater levels used for stability analysis
  - Examination of methods for drilling appropriate groundwater observation wells (with respect to the depth of boreholes, position of packing, fill materials, etc.)
  - Comparison between reality and observation results for groundwater level and water path.
  - Determination of groundwater levels used for stability analysis

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3. Goals to achieve

- Settled groundwater survey and observation manual (groundwater identification methods, observation well drilling method, groundwater level evaluation)

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