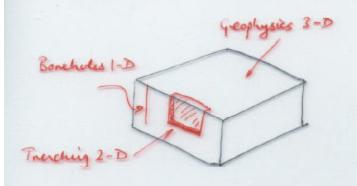
GEOPHYSICAL METHODS OF INVESTIGATION



Investigation Scales

small scale - representativeness of sample

- large scale structures

v. imp for grandwater since large

scale structure controls flow/

bransport behavior.

- use of pump tests.

large scale -

- by picture
- cornelation with neal behavior through baneholes.

Geophysical Hethods:

fast/ large volume / area coverage - s mergerine

- 1. Geomagnetic methods
- 2. Geoelectric methods
 - 2.1 Direct Coment
 - 2.2 Electromagnetic (Radar)
- 3. Seismit methods
 - 3.1 Refraction
 - 3.2 Reflection
- 4. Granty methods

Hiscellaneous:

well logging.

DIAGRAM OF DELIVERABLES FOR A PHASE II MONITORING WELL DESIGN PROJECT

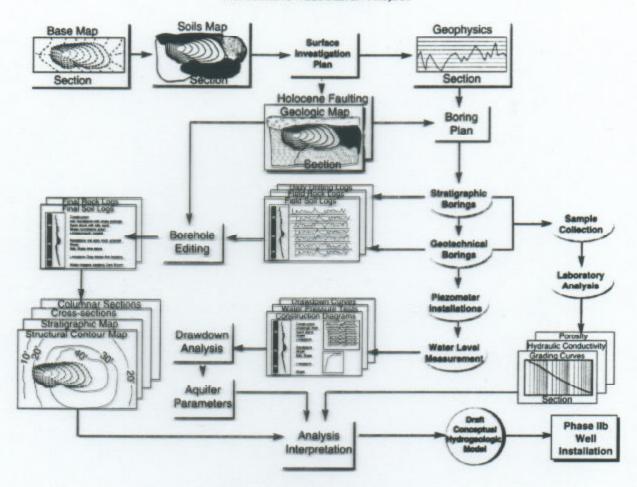


Figure 3-3a Phase II Flow Diagram

CONCEPTS OF SCALE

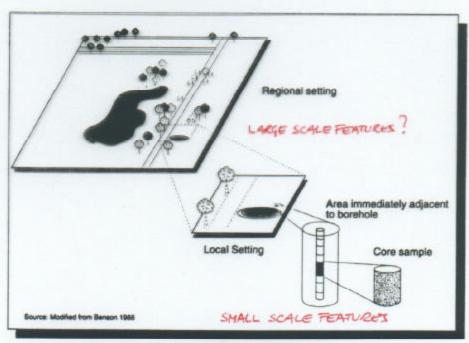


Figure 3-12 Regional to Core Sample Scales