

- **Sonic coring test**

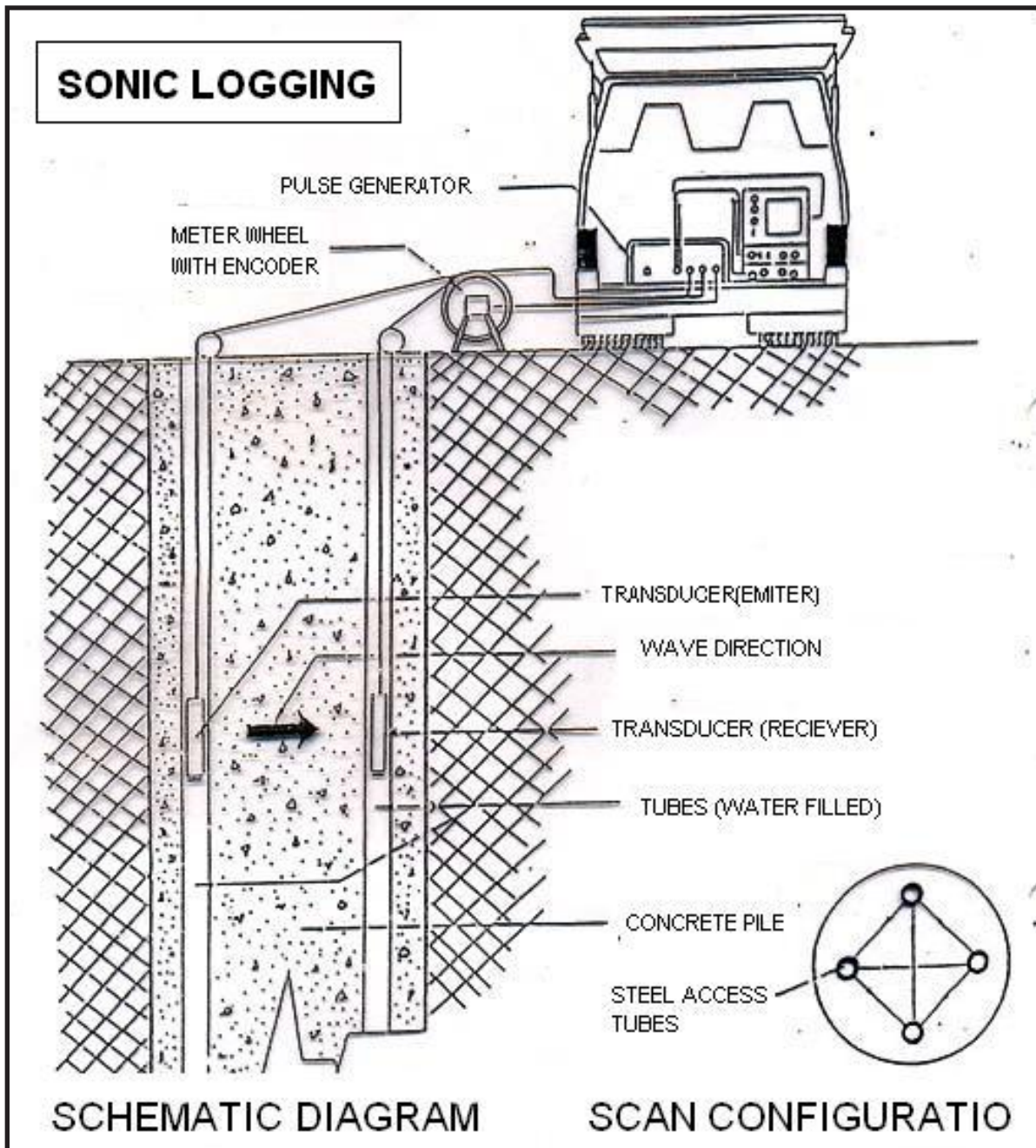
- **Purpose**

To detect bored pile defect after completion

- Honeycombing due to inadequate vibration.
- Segregation due to over vibration and improper concrete placement methods.
- Washout of cement due to ground water flow.
- Crack in the pile shaft due to shrinkage.
- Inclusion of foreign material causing contamination of the concrete.
- Necking and arching of the pile due to collapse of side walls during withdraw of temporary casing.

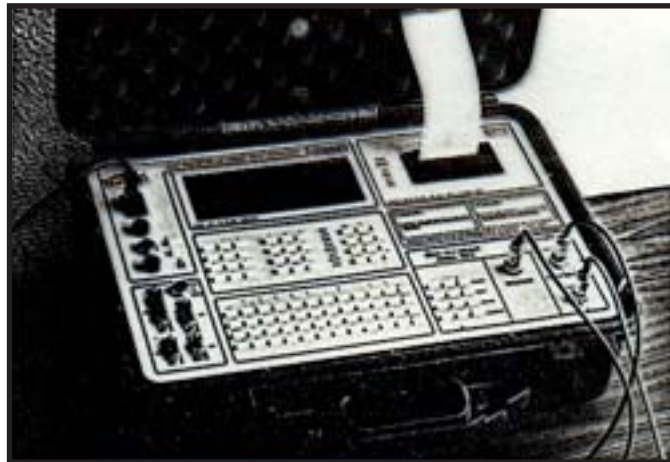
- **Equipment**

*Sonic logger.*



- ***Sonic integrity logger***

Now it's a simple, one man operation to test the integrity of concrete structure. The Sonic Integrity Logger enables advanced integrity testing of deep foundation ;bored pile diaphragm walls, barrettes, driven pre-stressed concrete pile, cast-in-situ piles.



- ***The new sonic integrity logger***

- Employs state-of-the-art digital signal capture and processing
- Realtime observation and playback of logger data on LCD display
- One operator can set up the equipment and log within minutes
- Soil state digital data storage for further processing and archiving
- All hardware and software encased in one rugged, lightweight unit
- Immediate site report and record with the built-in printer
- Generates professional report on popular laser printers
- Update plan assures equipment remains state of the art

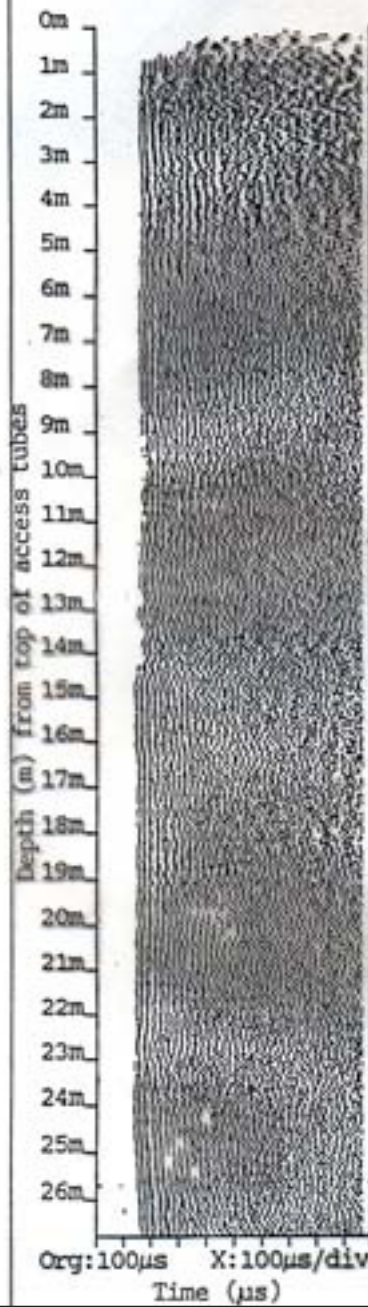


Project :  
Site : BANGKOK  
Report by : RP  
File ID : C9

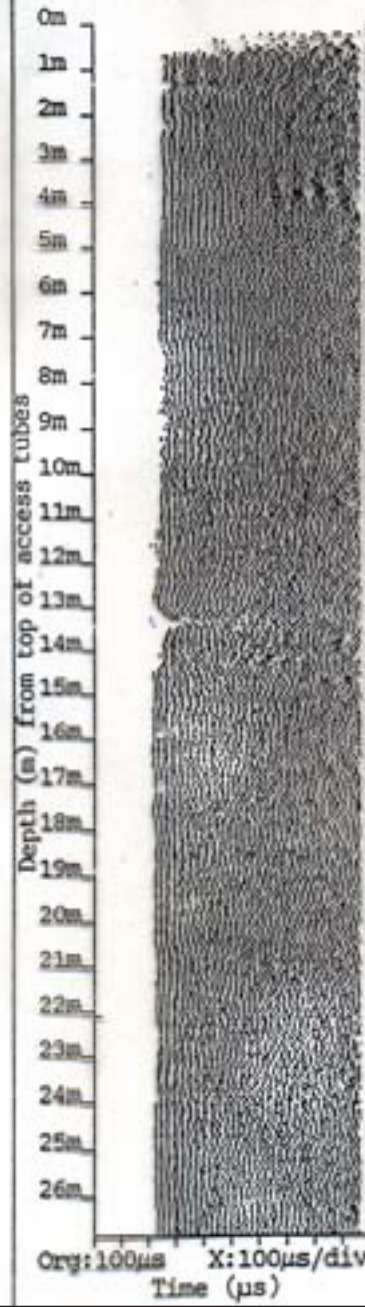


Probes: TGAc#14/RGAc#14  
File : C9  
Page : 2  
Date : May 13 1993

Profile : 1-4  
Recorded : May 12 1993  
Distance : 70cm



Profile : 1-3  
Recorded : May 12 1993  
Distance : 110cm



Profile : 2-4  
Recorded : May 12 1993  
Distance : 100cm

