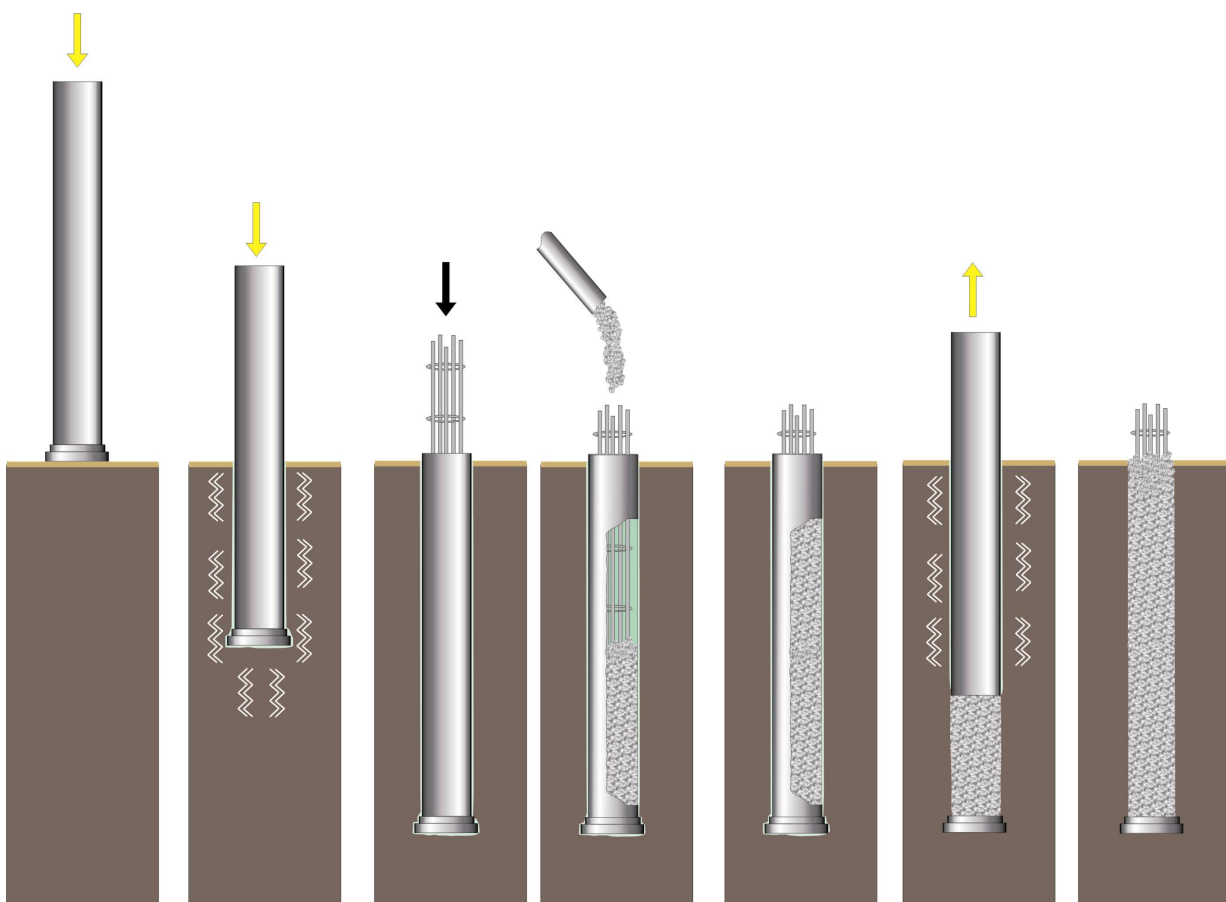


ABI Vibropile with lost tip/plate

1. The lost tip/plate is placed on position and the mandrel set right on to it.
2. Driving takes place using the MRZV Vibrator to displace the soil 100%
3. Concrete reinforcement gets inserted prior to pumping and/or pouring fresh concrete into the mandrel.
4. During extraction of the mandrel the lost tip/plate remain in the ground as base of the new pile.
5. A perfect shaped pile is constructed reinforced by a cage.



Advantages:

- no soil removed
- ground consolidation
- piles can be smaller in size

Application:

- bearing piles
- ground improvement