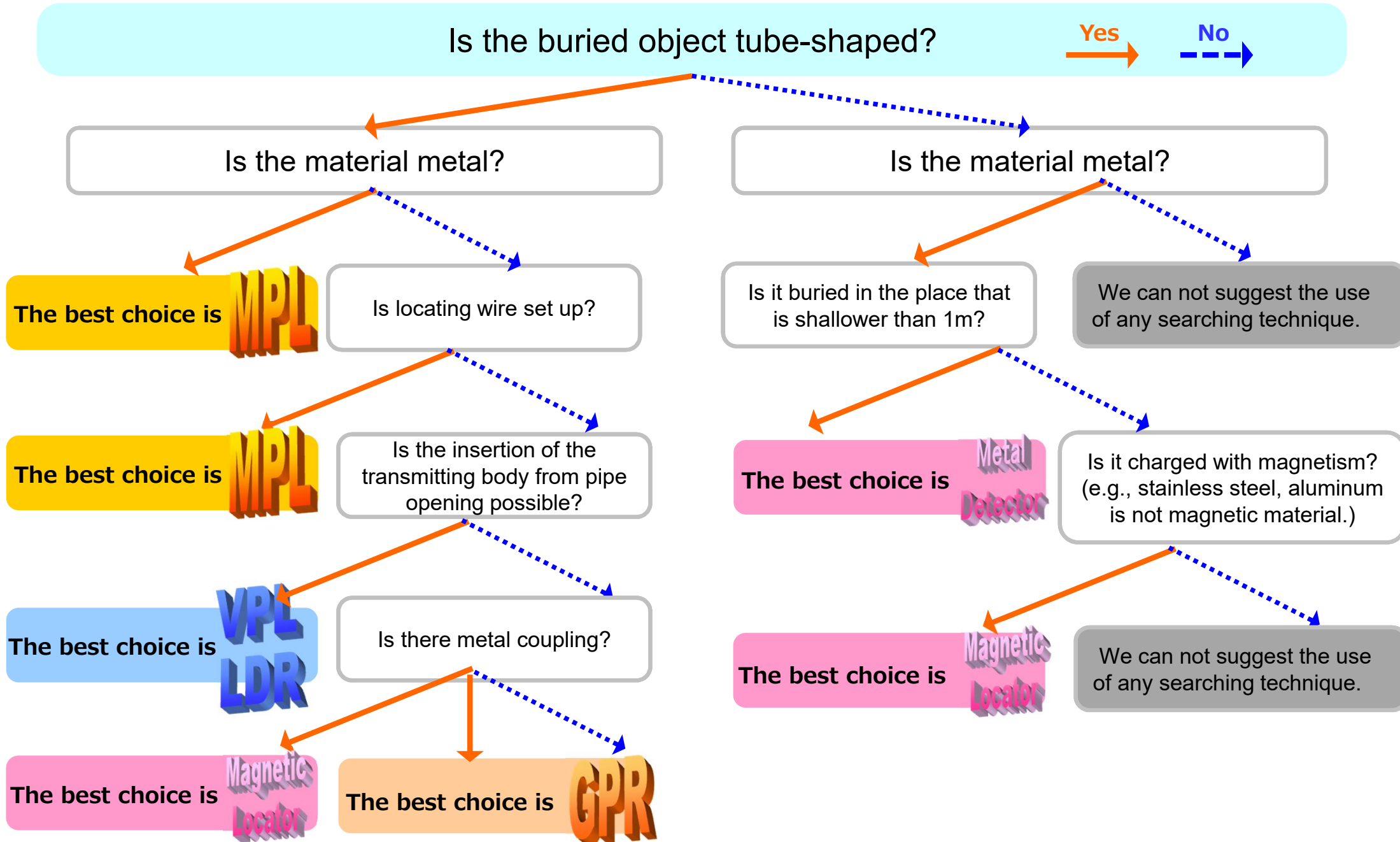


Flow chart for searching buried object



Flow chart for searching buried object

MPL

For the searching of the tube-shaped (form of cable) metal material, the best choice is **MPL (buried cable locator)**.

By using a transmitter, to apply direct electric current on the buried pipe/cable.

Therefore, a receiver can detect the magnetic field occurred and calculate the location and depth. Capable of depth detection is around 5 m.



VPL LDR

For the searching of nonmetal tube-shaped material, the best choice is **VPL/LDR with MPL**.

The insertion of the transmitting body from pipe opening is possible, use Probe (Takachio product name : VPL).



A receiver can detect the magnetic field occurred in the pipe from Probe and calculate the location and depth. To detect the magnetic field, use MPL Receiver.



GPR

For the searching of tube-shaped structure, no matter of metal or nonmetal, the best choice is **GPR (Ground-Penetrating Radar)**.

To irradiate the electromagnetic wave in the underground, it can detect the location/depth of buried pipe by analyzing the reflection wave.

It seems to be good at everything but it can detect the depth up to 1.5m as maximum.



Metal Detector Magnetic Locator

For the searching of metal material, the best choice is **Metal Detector or Magnetic Locator**.

Metal Detector is for low-depth.
Magnetic Locator is high-depth.

Magnetic Locator can search only for magnetism (metal which is attracted by a magnet).
It can trace a vinyl-pipe by searching a metal coupling.

