

If you choose to use higher discrimination, here's how to set your detector's discriminator to eliminate pulltabs (remember, this will cost you many gold rings):

Put a pulltab on the ground and swing your coil back and forth over it, slowly increasing the discrimination until the sound of the pulltab breaks up or becomes erratic (or it may just go silent). Stop right there!

You are now at a setting that will eliminate most junk, including bottle caps and pulltabs, but you will still find all coins except nickels.

Many detectors now have notch filters or target ID systems that allow you to skip pulltabs and still find nickels and some gold rings. Note I said **SOME** gold rings! If the ring's conductivity is the same as the pulltabs conductivity, the ring will not beep.

My first good metal detector (in the early 1970s) had no discrimination. I had to dig every bottle cap and pulltab in creation, hating every bit of it.

**BUT**, I found more gold rings with that non-discriminating detector in the three years I used it than I have found in the last 20-odd years with a multitude of deeper, more modern detectors that have discrimination circuitry.

If you really want to find gold rings, please go back and read that last paragraph again!

No, I'm not telling you to hit the flea markets in search of a primitive detector. I'm telling you to turn off the discrimination as often as you can stand it.

Remember this: The other treasure hunters who use discrimination are skipping right over those gold rings. Those rings will not be found until some brave soul turns off that discrimination. Why shouldn't that brave soul be you?

## 7. Overlap Your Swings More

The deeper a coin is buried, the smaller the area of your detector's signal that reaches that coin.

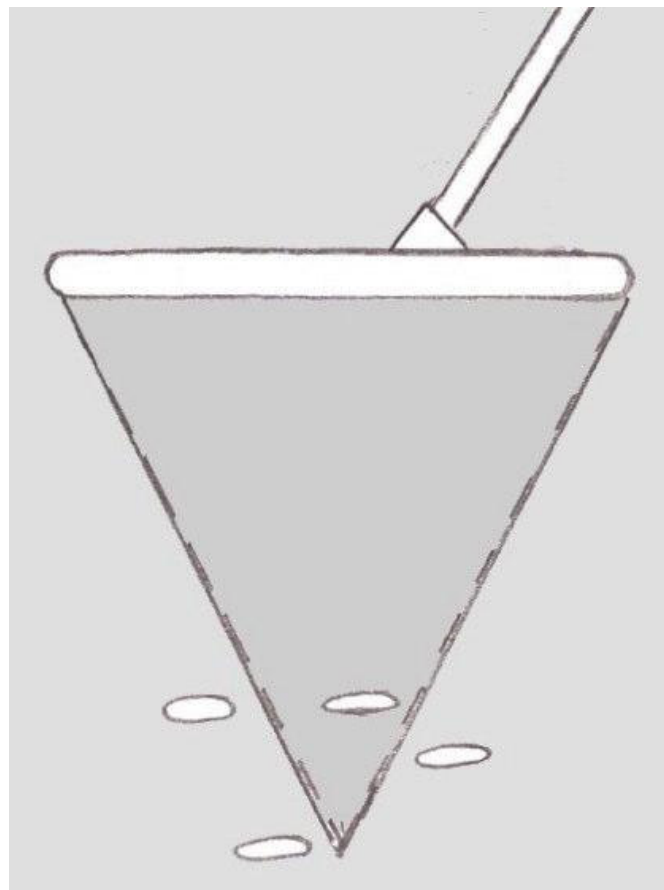
So in addition to the fact that your detector power is less on deeper coins, you also have a much greater chance of missing a deeper coin because your signal area shrinks as the signal goes deeper.

Think of the detecting pattern beneath your coil as a pointed-tip ice cream cone. Though your coil has a diameter of 8 inches, its detecting field narrows as the

signal goes deeper, until at its maximum depth your signal area is just a single point.

Don't move that point too far with each sweep or you will miss many deeper coins.

The more you overlap your swings, the more likely you'll find those deeper coins that register a beep only when that tiny point is directly on them.



*The detector sees just one of these four coins on this sweep. Overlap your sweeps to find them all!*

## 8. Keep the Coil Close to Your Feet

Most people swing their coil a couple of feet out in front of them. This is a sloppy way to detect.

If you swing the coil right around your feet, you'll have much better control, you'll automatically slow down, and you'll be better able to see what is directly under your coil.

You will also tire less quickly, because you are not fighting gravity when your arm is pointing down. If you doubt that, try holding a book straight out from your side for sixty seconds.