

Field Testing

the Gold Bug 2

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GOLD & TREASURE HUNTER

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The Fisher Gold Bug-2 metal detector has been on the market for about a year now and has rapidly become a proven gold Finder. With its powerful 71 kHz frequency, iron discrimination, audio boost mode, 3 position mineralization settings, and standard 10 inch elliptical search coil, the detector is finding large amounts of gold. To maximize the performance of the Gold Bug-2, Fisher has designed 6-1/2 inch and 14 inch elliptical search coils. The 6-1/2 inch coil will locate smaller nuggets at greater depths, and the 14 inch coil will locate larger nuggets at greater depth, enhancing the range of the detector. To illustrate the above we performed an air test (bench test) using all three of the coils available for this

detector, to give you a rough idea of the range of each, and show how they complement the detector. The following are results with a good target response:

| Gold Size | 6 1/2" coil | 10" coil | 14" coil |
|-----------|-------------|----------|------------|
| .5 grain | 1.5 inches | 1/4 inch | on coil |
| .8 grain | 2 inches | 1 inch | 1/2 inches |
| 5 grains | 4.5 inches | 4 inches | 3.5 inches |
| 1 dwt. | 5 inches | 6 inches | 6.5 inches |
| 1 ounce | 8 inches | 1 inches | 14 inches |

By conducting a field test you can tell how well a product will perform when put to everyday use, so I arranged for field testing to be done while I trained a newcomer to nugget hunting. Frank Cathell of Phoenix, Arizona. The area I picked has been heavily detected by experienced people, but there's always

a chance of finding a nugget missed. After changing to the 6-1/2 inch coil and some preliminary instruction with the Gold Bug-2, Frank began using the coil. During a four hour period he located four very small nuggets. The smallest weighed .7 (seven-tenths) of a grain, and was found at a depth of



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one inch or more. Frank was extremely pleased, saying "Finding these was the experience of a lifetime!" and I was quite impressed with the 6- 1/2 inch coil. I did the Field test on the 14 inch coil at the same time, in this same area. While detecting I was able to locate tin cans well over a foot deep. and iron targets at various depths. No nuggets were found while I conducted the test, so I planted the 1 dwt. nugget used in the air test and received a good target response at a depth of six inches. I also planted the 5 grain nugget and received a good response at three inches. Both responses in the ground were very close to the depth indicated in the air test. Summing up our Findings, we noted the following: Both coils are well balanced for the detector for comfortable handling, both are very stable while ground balancing in heavily mineralized soil, and our tests showed greater depths for gold, with each. Adding a pair of Fisher Phones will give even added depth to your nugget hunting. And, best yet, the coils are backed by years of outstanding service and dedication by Fisher Research Laboratory personnel in providing the latest and finest quality products on the market.