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Nuggets of News and Knowledge

May 2022

Whether you are new to gold prospecting or an experienced old-timer, whether you have just started swinging a metal detector or have been digging targets for years, get the most out of treasure hunting with these nuggets of news and knowledge— tips, ideas, new products and more!



Gold Prospecting with a Metal Detector

Over the years, metal detecting has continued to become one of the most popular forms of gold prospecting, especially with folks new to prospecting. Panning, sluicing, and high banking can be lucrative ways to recover the shiny stuff, but when



you're first bitten by the gold bug, you might opt for the simplest, quickest approach — swinging a detector. Not only is it physically easier than processing heavy dirt and rock, it offers the added bonus of finding more than just gold, such as coins, jewelry, relics, and other buried metallic treasures, too. Aside from record gold prices, another reason that people are eager to try metal detecting is because it gets you out of the house and away from crowds. It's a fun hobby you can do with your family surrounded by fresh air! The two most common types of metal detectors to consider:

VLF (very low frequency) metal detectors are the most common type of detector. They work by sending out energy that is either reflected off or conducts through an object containing metal. The device then measures how long it takes for the signal to return. Frequency refers to how fast a metal detector sends signals into the ground. As the name indicates, these detectors use very low frequency coils (generally below 30 kHz.) The outer coil serves as the transmitter and the inner coil serves as a receiver.

PI (pulse induction) detectors send energy into the ground and measure the decay of that signal. Anything that slows or speeds the decaying signal is a target. This technology sends powerful, short bursts (pulses) of current through a coil of wire. Each pulse generates a brief magnetic field. When the pulse ends, the magnetic field reverses polarity and collapses very suddenly,

GPAA Gold & Treasure Shows

Great news— the GPAA Gold & Treasure Shows are back on the schedule for 2022! Mark your calendars for these cities:

- April 30-May 1 Concord, North Carolina
- May 14-15 Columbus, Ohio
- July 23-24 Pomona, California

[Buy tickets and get details on GPAA website.](#)

NEW! Quick Sniper Hand Dredge



Gold can hide down in the deepest part of a crack or crevice or behind a boulder and often is best reached with a hand dredge, also called a sucker gun or suction gun. The NEW Quick Sniper hand dredge is the little brother of the full size Gold-N-Sand X-Stream Hybrid Pro Hand Dredge.

resulting in a sharp electrical spike. This spike lasts a few microseconds and causes another current to run through the coil. This current is called the reflected pulse and is extremely short, lasting only about 30 microseconds. Another pulse is then sent and the process repeats. [Article continued here...](#)

Have You Tried the New Dream Mats?



The Dream Mat is the first sluice mat ever to be scientifically engineered and designed using advanced fluid dynamic principles and physics. The mini Hydro-Cyclone inspired vortex cells classify, separate, capture and hold gold naturally. Dream Mats' vortex cells exploit nature's own forces in a patented system that creates the finest gold recovery. These mini cells are engineered to capture the finest of gold without needing huge amounts of water to maintain good exchange.

[Dream Mat](#) is available in a wide variety of sluices, highbanker, and replacement mats for your [Gold Cube](#).

Mini Dream Mat is ideal for sandy areas and black sands. Great for 1/4"-3/8" screened runs. Catches the gold everyone is missing! Mini Mat is great for that hard to catch gold! Front Row Gold!

Vortex Dream Mat is the original Dream Mat that's great for both large and fine gold recovery— less cons, more gold, instant clean out. There is nothing not to like about this mat! All MADE IN THE USA! Wide variety of [Dream Mat](#) products found here.

Crushing Rock to Recover Gold

Rocks are rocks, unless they contain valuable minerals, metals, or elements. When a rock contains values, it's then called ore. To liberate the minerals, it needs to be crushed down. In days of yore, a stamp mill was the primary form of crushing rock, but now miners can get an electric or gas powered rock crusher for larger amounts of gold bearing rock, or use a manual crusher. Crushing rock to recover gold can be easier, faster, and much more profitable than prospecting in over-worked streams and rivers. [Rock crushers, motors, etc. here.](#)



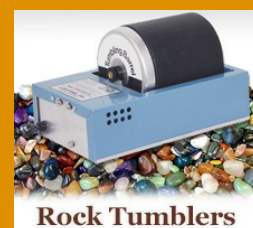
[Quick Sniper](#) is only about 24 inches long and works from the top of the surface or completely submerged.

Colorado Paydirt + Gem and Crystals



Whether you are trying your first pan or are a seasoned gold prospector, this Colorado paydirt is sure to please and is available in several sizes, with or without a kit. If you're after gems and crystals, every bag contains a variety of semi-rare through extremely rare crystals and gemstones such as quartz and smoky quartz, bi-colored barites, calcites, mini combo crystal clusters, diamond ore, real raw diamonds, topaz, and much more. [Colorado paydirt here.](#)

Rock Tumbling is Family Fun



It takes years and years for nature and its elements— dirt, rock, water, and sand— to smooth a rock's surface. But a Lortone rock tumbler can get you those same results in considerably less time. Whether you're just getting started in the hobby of lapidary, or you've been polishing rocks for decades,

No Mats! Le Trap Means Quick Clean Ups



NO matting, miner's moss or carpets— Le Trap sluices clean out in seconds! If you've been prospecting for a while now, you're probably familiar with the Le Trap sluice, otherwise known as the River Robber, that was originally made in Canada from durable ABS plastic. Well, now it's even better because it's made in the USA by Geo Sluice Mining using original molds! Ideal for fine gold recovery and stream sluicing. [Choose from a wide variety of sluices and highbankers featuring the Le Trap sluice.](#) Made in the USA!

NO matting, miner's moss or carpets— Le Trap sluices clean out in seconds! If you've been prospecting for a while now, you're probably familiar with the Le Trap sluice, otherwise

History Nugget: White Pass Yukon Route



"Give me enough dynamite and I'll build a railroad to Hell," bragged Michael Heney one spring evening in 1898. He was talking to some railway surveyors and investors at the St. James Hotel in Skagway, Alaska. Looking for his next challenge, Heney, an

experienced railroad contractor, was determined to forge a route to carry gold prospectors and their equipment from Skagway to the Yukon Territory. The famous Klondike Gold Rush was in progress, and a rail route could replace the months of hiking and hauling supplies the gold stampedees had to endure.

It was a solid idea, but who could have known that the Gold Rush would be over by the time the narrow gauge railroad could be of much use to miners. Alaska cruise ships now bring far more tourist business to the historic White Pass Yukon Route (WPYR) than the original gold rush ever did, but that's OK because a ride today on The Scenic Railway of the World is unforgettable! [Article continues here...](#)



There has never been a better time to get involved in the Modern Day Gold Rush! Visit GoldRushTradingPost.com today to find great prices on equipment and supplies that make gold prospecting, metal detecting, and rock hounding easier, faster, and much more fun! **FREE SHIPPING in continental USA when you spend \$350!**

you'll find [rock tumblers and grits](#) here.

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