



[Click to view this email in a browser](#)

Nuggets of News and Knowledge

Sept / Oct 2021

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!



Looking for Alluvial Paystreaks

Alluvial gold refers to tiny gold flakes that come to be through water erosion and movement. In geology, alluvium is loose sediment which has been eroded from a primary source, transported and further eroded by water, and redeposited. Since gold is extremely dense, it is easily trapped alongside other dense alluvial particles. The bits of gold found in these deposits of alluvium are called “alluvial gold.”



The alluvial environment is a very complex one, with many natural forces competing with each other. The forces that lay down gold are a summation of many flood water events of varying intensity that cause the reworking of sands and gravels. Between major flood events, water naturally flows along the already created path and typically the gold present in the gravel or on the surface will not move much. But the larger flooding events can change the drainage routes and even the river’s shape. Some curves can be shut off from the stream and bypassed. Where the water speed decreases, gravels will drop out of suspension, creating alluvial pay streaks that are typically located along and near the riverbed.

To identify where a pay streak might be located, take the flow of the waterway into consideration. The most productive streaks are formed as a result of major floods that are significant in terms of both water flow and intensity of erosion. Greater amounts of gold are present here as compared to regular gravels. Pay streaks tend to possess a comet-like form. At the “head” or “heart” is found the richest concentration of gold. At this location, the gravel is coarser and the sandy and silty fraction is much less. This little bit of silt is present only for a few centimeters on the

Nugget of Knowledge

GPAA Gold & Treasure Shows Return Spring 2022!

After a 22 month hiatus due to Covid-19 restrictions, the GPAA Gold & Treasure Shows are back on the schedule for next year! Dates and locations are subject to change, but at this time make plans to attend in these cities:

- February 5-6
Pomona, California
- March 19-20
Phoenix, Arizona
- March 26-27
Puyallup, Washington
- April 9-10
Portland, Oregon
- April 30-May 1
Concord, North Carolina
- May 14-15
Columbus, Ohio

More details will be published in the coming

surface, laid down in the last phases of the flood as the silt is dropped. The gold in these gravels is typically small flat flakes, with maybe a small picker or two. [Article continues here...](#)

FREE SHIPPING! Gold Well Drop Riffle Sluice



Can you imagine— no more carpets, matting, or miner's moss to clean up?! Sluice boxes hadn't changed much in the last 100+ years... until the Gold Well Drop Riffle Sluice was designed to recover ultra fine gold that traditional sluices just might be missing. Since the majority of the available gold in the world is micro fine and ultra fine gold, you want a sluice that can collect that

gold and keep it from running out the end. A Gold Well Vortex Drop Riffle Sluice works by creating a gentle, vertically oriented vortex. This vortex keeps material in the spiral shaped Wells in motion, causing light material to be flushed out easily and concentrating heavy material. When a piece of gold crosses this vortex, it finds no stable bed to rest on so it drops to the bottom, where it stays, because there is no force coming up from the bottom to flush it back out. Horizontal grooves are not designed to trap gold, they are mixing wells. The slots create turbulence sufficient to cause light material to be forced up into the upper laminar flow regions of the water flow so they will be quickly removed by the water stream flowing through the sluice. The heavier materials move more slowly through the sluice, along the bottom where it is forced to cross the spiral wells where it is trapped. [Learn more about Gold Well Drop Riffle Sluice Packages here.](#)

Garrett ACE Apex Detector + Headphones

The power of choice is yours with Garrett's Ace Apex metal detector with highly versatile multi-flex multi-frequency technology! *WHY IS MULTIFREQUENCY IMPORTANT?* Lower frequencies

generally offer improved detection on larger and more conductive targets (i.e. large silver coins). Higher frequencies

generally offer improved detection on smaller and less conductive targets (i.e., hammered silver coins, gold nuggets). Ships with the NEW fully waterproof Viper DD coil designed as a low-impedance, broad-bandwidth coil to support the new Apex Multi-Flex frequency technology. The 11" size is large enough to cover plowed fields, but its narrow 6" footprint allows easy separation of targets in iron-infested areas. Detector available as a package with headphones, or without.

FREE SHIPPING! [Shop Garrett metal detectors and packages here.](#)



SAVE \$52 on DEMO Trommel for Gold Cube

months.

Hiking Gaiters



Keep your lower legs drier and cleaner when hitting those dusty trails and blazing through briars, nettles, and wet weeds on your way to the gold fields. These light-weight, durable gaiters are made from 150 denier nylon, with 7 inches of waterproof lining on the bottom of the gaiter where you are most likely to need it. Front entry zipper plus rip-and-stick velcro makes them easy to put on and take off. Instep strap and bootlace hook ensure they stay in place. Comes with a handy nylon cinch bag for storing your gaiters when not in use. [Shop Razer Hiking Gaiters.](#)

Karat or Carat: What's the Difference?



The purity of gold is measured in 24ths called karats. 24K gold or 24-karat is 100% pure gold. 18K gold or 18-karat is

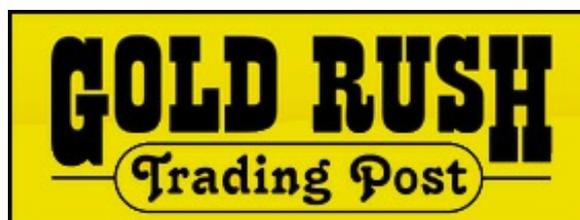


Looking for a deal on a lightly used trommel top for a Gold Cube you already own? [DEMO Gold Cube Trommel top only \\$699 + FREE SHIPPING.](#)

History Nugget: Lost Dutchman Gold Mine



Arizona's Superstition Mountains have been a source of mystery and legend since ancient times, beginning with the Native Americans who left behind cliff dwellings and unusual petroglyphs. In the 1840s, the Peralta family from Mexico supposedly developed a rich gold mine, but during one of their trips back to Mexico with a lot of gold, all but a couple of family members were killed by Apaches. Over the years, a number of prospectors were rumored to have found the Peralta Mine, but one disaster or other seemed to occur before a good map was made, or before a claim was filed. In the 1870s, Jacob Waltz "the Dutchman" (actually from Germany) was said to have located this "lost mine" and hid caches of gold in the Superstitions, especially near Weaver's Needle, which is a well known rock formation. Before his death in 1891, Waltz allegedly described the mine's location to a neighbor who had cared for him during his illness. But neither the neighbor nor dozens of others were able to locate the Lost Dutchman Gold Mine. Subsequent gold seekers have met with foul play or even death, contributing to the legends surrounding the Superstition Mountains. If you like a challenge, legend has it that the lost mine and plenty of gold is still waiting to be discovered in a hidden canyon. But even if you never find the mine, you can still get great views of the mountains from 320-acre Lost Dutchman State Park in Apache Junction (shown in photo).



75% pure, and 14K or 14-karat is 58.3% pure. The value of gold can further be determined by its rarity of structure-- whether it is a nugget or wire gold or has specimen value. Gemstones are weighed by the carat (notice the difference in spelling) -- which is 200 milligrams or one-fifth of a gram. There are 5 carats in a gram. In addition to weight, the value of gemstones is also set and judged on their color, clarity, and cut.

Gold Pans & Panning Kits



The most basic piece of prospecting equipment is the gold pan. Size, color, and shape are really a matter of personal preference. It's good to have a variety of different sizes of gold pans on hand, so check out [gold pan options and kits here.](#)

Considering a Large Purchase?



No Payments + No Interest if paid in full in 6 months on purchases \$99 or more when you check out with PayPal and choose PayPal Credit. [Details on PayPal Credit here.](#)

Are You on Facebook?

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!**

[Like Us on Facebook](#)



where we post tips, photos, new products, industry news, special offers and MORE!

[Forward this message to a friend](#)

If you no longer wish to receive these emails, please reply to this message with "Unsubscribe" in the subject line or simply click on the following link: [Unsubscribe](#)

GoldRushTradingPost.com
PO Box 751
Dallas, OR 97338
US