

# MINING MAGAZINES

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A Field Notebook from the Supply Side of Investing



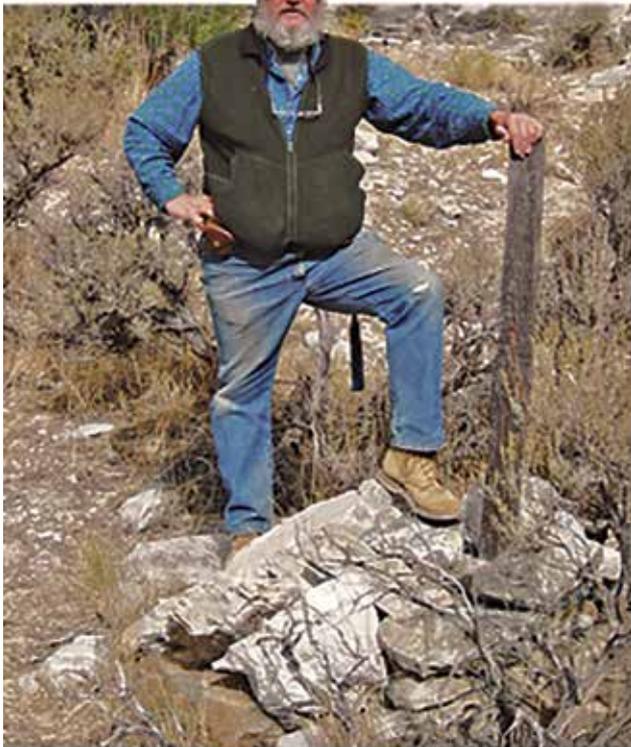
**“Foolish Gold” in a  
Nanotechnology world**

# Mining Investment 101

## *An Examination of the Mini inside the Macro*



**T**HE FIRST DISCIPLINE LEARNED IN PROSPECTING IS TO BREAK OPEN AN ORDINARY LOOKING ROCK to closely look by a ‘glass’ held to the eye, deep into a millions of years-old fresh un-oxidized weathered exposure to look for a tiny speck of AU mixed in a matrix.



Nano gold and silver is where you find it; often it is mixed into a complex ore with many different minerals that mining investors overlook in a ‘New York second’, further reduced to a ‘nano flash’ bullion bar trade decision — based upon foolish information that doesn’t come anywhere close to due diligence.

**LESSON ONE — THINK SMALL AS IN NANO “CHEMICAL COMPONENTS” OF WHAT WE CALL PRECIOUS METALS.**

What the investing public thinks of as fool's gold, is really iron pyrite sulfide with the chemical formula  $\text{FeS}_2$ . Being so closely associated with gold that if a pyrite deposit contains a mere 0.25 percent AU, then one ton of this laughable mineral would have a bankable worth of \$100,000.

Doubt this, then do an honest Boolean search of press releases for "pyrite + gold".

Consider that some of our larger producing gold mines, still being laughed at by the ETF crowd that recently had a "scarcity" scare in Deutschland, are dealing with processing 33 tons of material, to produce an ounce of gold with a bankable worth of \$1200 per ounce. Does this mean that 33 tons only has a bankable value of \$3,300 per ton?

Do your own math if you already know that precious metals are delivered in troy ounces. You understand that a pound of silly goose feathers weighs more than a £ Pound of Sterling silver. The powerful price setting London Metals Exchange before the Brexit collapse, sending it to China, was based upon this difference, further compounded by a metric grams per ton confusion that replaced prospector's pennyweights.

So think small, as in elements in pure AU. Which is?

A karat, sometimes spelled "carat," measures purity by dividing a less than pure 24. Other gold alloys measured as 18 karat, represent the presence of pure gold in an amount of 75 percent. Today's jewelry grade 750 fine is the same things. Gold that is only 14 parts pure gold, and 10 parts other elements, sort of follows to be 14-karat gold.

And then we get to the investor's number of 9's in what was achieved in Australia at the Perth Mint in 999.999 (six nines fine) by the Perth Mint in 1957. This was thought to be a marvel of modern technology until a micro boring sample of King Tuts death mask showed that Urea, with the chemical formula  $\text{CO}(\text{NH}_2)_2$  had been used to in ancient Egypt to come very close to that standard. The funny part of this story is Urea is nothing more than the concentrated urine of cows, which gives a whole new flavor to the coming runaway bull market in gold.

***LESSON TWO — YET DO NOT IGNORE OUR NATURAL WEALTH OF THIS EARTH ALSO REQUIRES “BIG PICTURE” UNDERSTANDING.***

Unfortunately mineral industry flip trade “analyst experts” do just that trying to sell the latest “bottom line” —perhaps illegal— digital financial engines of the moment, as buying ETFs with Bitcoins. Another nanotechnology involving a clever use of leaching of disseminated gold smoke, and silver backed mirrors.

In their complexities of trusting the latest “Al Gore” rhythm formula concerning global warming changes to the futures market, they ignore the ancients written word that the real creation of wealth has a proven base line measured over time that commodities which were sown and harvested, herded, logged, fished, or otherwise manufactured, constructed, or gathered by the sweat of gainfully employed manpower to fill the needs of mankind’s survival today.

Yes, I understand it is hard to keep up with the “new and improved” jargon on a World Wide Web broadcast “best kept secret” spelled out in OMG acronyms what it is they are trying to sell the big picture. Which is perhaps why some nanotechnology challenged financial advisors never had the time to learn the mnemonic devices of “True Geologists Climb Faults And Observe Quarries To Contemplate Deformation” to remember the Mohs’ hardness scale, from 1 to 10, for: Talc, Gypsum, Calcite, Fluorite, Apatite, Orthoclase feldspar, Quartz, Topaz, Corundum, Diamond.

Or FYI closer to the mnemonic Eras of Precambrian, Paleozoic, Mesozoic, Cenozoic: (Or Sloth and Greed): Remembered for “Please Pay Me Coins” ... of silver and gold!

Which is why premature nano ejaculators must find very slow moving rock solid geologic time, so very foreign off-shore banking boring to them. Well, will all will just have to adapt to the chartable cyclical rhythms of precious metals, as silver and gold, where a shiny bauble plucked from the wealth of the earth by the world’s second oldest profession was used to trick the oldest occupation of the “fair maiden” trade, which somehow was LIBOR prostituted into being a yet-another ‘Old Lady walking Threadneedle Street’.

Know that when negotiating with tarts, that charting the distance between precious metals rushes, which used to make wars affordable we are all facing an un-win-able outcome. Just as Hitler's power player, trust me Mein Kampf plan to recover from the hyper inflation of the Weimer Republic Mark, burned in fireplaces to replace expensive coal, was confiscating abandoned real estate wealth. We too in our days of making history seem to have concentration camps of working family homeless on the wrong side of supply and dangerous societal demands.

***LESSON THREE — THINK IN “WHOLESALE TONS” THAT NEED TO BE MINED ECONOMICALLY, RATHER THAN “RETAIL” OUNCES!***

The real gold fool was what those in the supply side of the mining business called a “lead pencil assay”, totally out of the rigid control of the professional taking length x width x depth in-place samples, reported in ounces per ton from a known longitude and latitude, calculated in degrees minutes and seconds, on paper that is hard to read, or understand without years of experience. “No where does the decimal mark go”?

Or at least legally defined on an unpatented mining claims that title insurance companies don't want to have anything to do with, as perhaps the SW 1/4, of the NW 1/4 of the NE 1/4 of a Section, Range, Township — and more importantly a state's meridian initials accidentally being confused by a recording office clerk, as recently happened in Alaska, where a SM for Seward Meridian was supposedly misspelled as Stewart Meridian.

And also dangerously not understanding that the bean counters “Dixon Ticonderoga Wood-Cased 2HB Pencils, Pre-Sharpended, Yellow, Nano Graphite Pencil” favored in paper ledger days before committing to inking the final figure onto paper, overwriting the erasable underneath, which somehow might not calculate correctly at the bottom line.

All of which could lead to a due diligence nightmare on a PR promoted Mining Law of 1872 Lode Claim, located somewhere west of the mining camp of Wickenburg, Arizona, that has such a “big secret” gold discovery they are afraid to divulge the location on public lands, except for a crudely drawn soft pencil map with a big “X” as big as a whole county. Why? “Well,

claim jumpers would just love to find our expensive ‘DX?’ drill hole,” that found a nano particle of gold at an intersection of a structure 600 feet deep.

Well have at it, you financial pointed hair egg-spurts. Seriously, are you actually going to dig a human sized shaft to find that golden needle. Don't know that the worst thing that can happen to a promoter —unless as a CEO which has a golden parachute baling out on an increasing bankruptcy deceptions on working mines— is to have a property produce a ROI less than promised. Make that the number two worst case scenario. By not understanding the apex rule of mining law —lodes on the high ground having lateral rights that even run under fee simple land— well he might be in criminal mineral trespass requiring a self defense from a lawyers blackmail. As such a target, as famous Alaska bush pilot used to colorfully state, was to be, “Plugged with .44 caliber slugs out of a Super Blackhawk, and then stood upright at a 90 degree angle to be plugged again.”

The real financial mining folly side consequences here —presented by those who do not know a mine from a hole in the ground— is that besides making the supply side miners appear to be the liars, a workable project needs to have a valid assay measured in mineable tons, hopefully supported by documentation from the 99/44 percent squeaky clean US Geological Survey, Forest Service, Bureau of Land Management. And, if this coming election gets rid of some special interests(???) PAC Congressmen, perhaps to bring back the Bureau of Mines, and the Office of Mineral Explorations, to help what is left of small “blue sky” miner programs that were cut for budget reasons. Which is how we lost our bankrupt Mountain Pass rare earths lead to a China filling a Canadian 43-101 certified TSX jobs vacuum, by the sale of EB-5 Green Card Visas to their own workers.

***LESSON FOUR — TAKE A LOOK AT BUYING IN-PLACE TONS OF DOCUMENTED NANO MINERAL IN THE GROUND WITH PAPER DOLLARS, TO BENEFIT BY A PERCENTAGE OF THE INCREASED VALUE OF THE FINAL RETAIL SALE.***

I don't usually round-up crank-a-dank suspects to support their rehabilitation of being outcast from the First Amendment Internet by censor-

ship by a the world wide web anonymous, through 500 log stat provable link attacks from China, Hong Kong, Russia, Ukraine, the UK, Canada, and a floating phishing spoof site that travels from Manhattan, to Chicago, to San Francisco in nano flash trading fiber optic seconds.

But, fellow prospector Barry Murray, at 77-years, an identity hacking “black hat” victim, really has the credentials of starting out on an impossible, impassable, trail, to reach a happy ending.

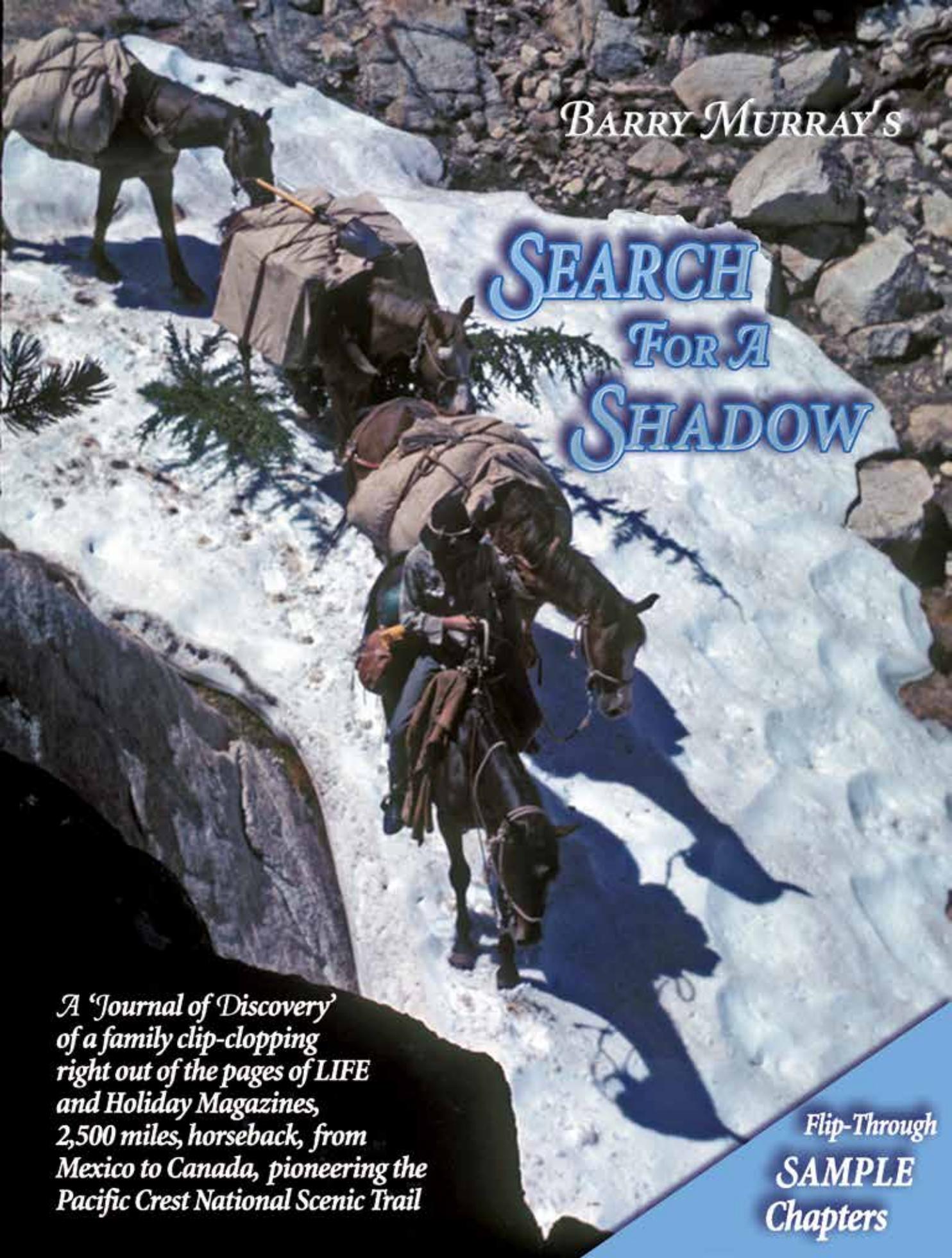
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Let’s help Murray retire to finishing his book *The Prospector* by selling nano tons of his rare earths rock, used for affordable housing FoamKrete, to actually create Made in America jobs that will help pay taxes to reduce our dependence on foreign manipulation of credit default swap debt.



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*BARRY MURRAY'S*

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FOR A  
SHADOW*

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of a family clip-clopping  
right out of the pages of LIFE  
and Holiday Magazines,  
2,500 miles, horseback, from  
Mexico to Canada, pioneering the  
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*Fittingly,*

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*Photographer “Grand-Paw Bear” using 1970’s ASA 160 High Speed Ektachrome . Today’s point and shoot, auto focus, aperture, shutter speed controlled pocket cameras have a ASA rating of 3,200 .*

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