

# Blue Jays, Lithium, Uranium and Pot

Back in April, the smart money picked the Washington Nationals to win the World Series, and with good reason, but as the season played out and Jonathon Papelbon reverted to old school choking, the Nats failed to make the post-season. No playoffs for you! The “experts” were wrong.

There were also pre-season picks like St. Louis and the Dodgers, who did in fact have very good seasons. The experts were right.

No one picked the Blue Jays to be a team verging on greatness. Mid-season changes and players having career-years propelled the organization to an expectedly giddy post-season. The experts couldn't have been expected to see that one coming.

Making calls on public companies is similar to picking teams in the pre-season. Some calls look easy, but they don't pan out. Others do. Some surprise everyone. And against that background we're going to re-visit some of our 2015 picks.

We started the year with Integra Gold – we call that one a win. Our first article of 2015 said Integra was a likely takeover target. It had just released its Preliminary Economic Analysis on its Lamaque properties in Quebec, from which we observed, “...Integra cut its cash needs, reduced the lead time to production by 25%, crammed down its all-in sustaining costs and provided visibility on the key metrics for success. They significantly de-risked the company and as a result made it very attractive to larger companies with stronger balance sheets.”

In August, 2015 Eldorado Gold Corporation (“Eldorado”) invested \$14.6 million into Integra by way of a non-brokered private placement of common shares, resulting in Eldorado

holding 15% of Integra's voting common shares. In a widely held company like Integra (and despite it being under the 20% threshold), that gives Eldorado control.

Integra continues to report strong results and is running a \$1M Gold Rush challenge aimed at crowd-sourcing brainpower to find the next gold prospect on its property. We expect more good news from Integra over the next several months.

Copper Mountain Mining – unfortunately, we were right here, too. The full story of Copper Mountain's shame can be found here, and the links in that article can be tracked backwards to the sorry beginning.

In July we called it a "slow-motion disaster movie". We have been highly critical of the board and management, not only for the poor operational results but mainly for the non-compliance with disclosure obligations. Copper Mountain misled the market for over a decade, seriously harming the holders of the NSR on the property.

Copper Mountain continues to disappoint. From a year high of over \$2.30 down to its current price of roughly \$0.55 a share, CUM shows what leverage does to a producer on the way down. With copper trading around \$2.40 a pound, it's unclear whether Copper Mountain will be able to continue as a viable operation. If it can hang on for another year or so, a supply-demand imbalance in copper might get leverage working upwards for the shareholders.

In April we looked at two companies exploring in Brazil. Since then, one (Cancana Resources – manganese) has established a strong path to success while the other (DNI Metals – graphite) is still trying to find a way.

Back then we said, "Cancana's business model is to start with the known knowns. Develop the known manganese fields, consolidate title to the local boulder fields, and bring processing into one central plant. This should result in short

term revenue, high plant usage, low downtime, and higher margins. Combining this with organic growth through the drill bit (scheduled to commence in May, 2015), Cancana has the opportunity to supply the global steel market while maintaining its premium charges.”

Cancana has delivered on these goals. It has expanded its footprint, reported good exploration results, made progress with mining engineers Ausenco on centralizing the processing, begun selling product, and increased efficiencies. We like this narrative and expect more positive news from Cancana over the next 18 months.

DNI Metals is still trying to execute on its business plan. It had a hard time closing on its announced private placement, and eventually had to change the terms of the offering to get the minimum amounts in the door. But close they did, and management deserves credit for that. They have put the funds to work in Brazil and in Madagascar. The stock has drifted down significantly from its opening and finance price – time will tell if management can deliver. DNI’s season had a rough beginning but isn’t over yet.

In a somewhat confusing move, DNI also recently announced it is acquiring a lab in the Greater Toronto Area to carry out testing and metallurgic work for itself and for third parties. We don’t like this acquisition. A junior exploration company needs focus to survive, and this acquisition is an unneeded deviation from the business plan.

A company that is sticking to its business plan is Carube Copper, who is exploring assets in Jamaica. We’ve looked at them twice, once briefly and once in greater detail. We recently met with management for an update and are enthusiastic about its chances for success.

Carube, in addition to the Jamaican assets, holds the British Columbia gold-copper assets puppied out of Wallbridge Mining

in 2010.

Carube has had considerable success staying on path. This is a strong deal with considerable upside offered by the assets themselves, the high quality management team and the partnership with OZ Mining, an Australian mining company with a billion dollar market cap. So far, Carube is having a good season and we expect that to continue.

Another company we looked at who has ties to a much larger company was Contagious Gaming. At the time Contagious was operationalizing its English gaming assets and earning revenue in North America from its software platforms. Since then, Contagious has announced two large deals, made a serious disclosure gaffe, and is generally a puzzling company. The board and management have not done a good job engaging the shareholder base, but closing on either of the large announced deals on accretive terms would be similar to the Blue Jays roster makeover halfway through the season. A failure to close on either deal would likely see the management team get demoted. Watch the news flow to judge management's success.

Also on the high tech front, in July we looked at Seair Inc. and its SWEET technology, aimed at oil / water separation in the oil patch. SWEET's passive technology creates microbubbles in the oil, which lowers the cost of operation. Seair can separate more oil at a lower cost than any competing process. Customer payback ranges from only 3 – 6 months, an astounding short period of time.

At that time we referred to Seair's formal exclusive strategic partnership with Renewable Fluid Services (RFS), a U.S. based process and product development company. Seair will provide SWEET to RFS to use in RFS' oil recovery process. This relationship has borne fruit. In late September Seair announced it had signed a confidentiality agreement with Petroleum Development Oman (PDO) with the intent to run a SWEET major field trial in a large polymer flood operation.

Seair's new management team is clearly focussed on taking what had been benched technology and commercializing it. We expect more good news as SWEET undergoes more field trials.

Also in July we looked at the Fission – Denison proposed merger. At the time we liked the combined uranium portfolio of exploration and development properties, the cash flow from toll-milling at the Cigar Lake Mine and management fees from Uranium Participation Corporation, and the strength of the proposed leadership team. We also acknowledged weaknesses in the deal, which goes to Fission's shareholders for approval next Wednesday, October 14.

Some of those shareholders are strongly opposed to the deal. At a town-hall style held by Fission in Toronto on Oct 6, those shareholders made their voice heard. It's going to be a close call whether the deal is approved. Expect major consequences if the shareholders vote down the merger.

And speaking of voting, we're still waiting on the Allard decision and on the federal election before we make any medium term call on the marijuana industry. The Conservatives have made their anti-marijuana stance very clear – if you have any financial interest in the Canadian cannabis industry then a vote for the BigC is a self-inflicted wound. Purely from a cannabis viewpoint, the best result would be a Liberal government with the NDP having enough seats to make a difference. Cast your ballot accordingly.

Last, we closed the season with a short piece that asked, given its poor energy density ratio, how did lithium become the metal of choice in the battery industry? How did this minor leaguer come to play in the big leagues? That simple question sparked an incredible amount of debate. My inbox was filled with conflicting commentary, opinions and science as to lithium's properties when compared to other metals.

Lithium's continued use by electric vehicles and power tool

manufacturers could be increased by better technologies for extraction and processing (see our piece on Pure Energy), but is at risk by commercialized research that empowers other metals to economically take lithium's place.

We will be moderating a panel at the Technology Metals conference in Toronto on Oct 13 and 14 at the King Edward Hotel. Chris Reed of Neometals Ltd. will lead a separate panel looking at lithium's role and future – we intend to be there.

Play ball!