## The Weekly Dig – June 26, 2015



**Haywood Mining Team** 

#### GREECE AT TIPPING POINT AS CREDITORS OFFER FINAL PROPOSAL

A final cash-for-reforms proposal was delivered to Greek Prime Minister Alexis Tsipras, along with a clear message from European Union leaders that all patience had been exhausted, and that the Greek government must choose between reforms and an accompanying 15.5 billion euro loan that would see Greece remain solvent at least to the end of November, or default on its loans and risk being ejected from the euro zone completely. Tsipras has remained defiant, refusing to accept cuts to Greek wages and pensions, but European lenders have issued a take it or leave it position; a default would likely see an upswing in the price of gold, as investors turn to safe-haven assets. The price of gold was lower for the week, down 2.2% to \$1,174 per ounce following comments by Federal Reserve Governor Jerome Powell of preparations for two interest rate raises this year. Silver ( $\downarrow$ 1.9%), platinum ( $\downarrow$ 0.30%) and palladium ( $\downarrow$ 4.3%) also fell, with palladium falling below the \$700 mark for the first time since December 2013; all three finished at \$15.79, \$1,082 and 679 per ounce respectively. Base metals were mostly down; nickel in particular has fallen almost 18% since the start of the year. Nickel ( $\downarrow$ 2.17%), lead ( $\downarrow$ 0.47%) and zinc ( $\downarrow$ 0.31%) each finished at \$5.63, \$0.80 and \$0.92 per pound respectively. Copper reversed some of the losses it sustained in recent weeks, rising 1.8% to finish at \$2.61 per pound as investors become bullish after data suggested a stabilization of Chinese stockpiles. The UxC Broker Average Price (BAP) for uranium was flat for most of the week and finished at \$37.25 per pound. The price of WTI crude ended the week at \$59.64 per barrel.

#### **DIGGING IN...**

Junior Explorer - Weekly Vantage Point: News from the Junior sector this week included diamond recovery results from Kennady Diamonds Inc. (KDI-V) and exploration drill results from Talisman Mining Ltd. (TLM-ASX)......4 Haywood Research - The Week in Review: Publications from the Haywood Research team this week included: initiating coverage and the announcement of a "gold challenge" by ICG-V, the suspension of operations by MND-T, a financing for ROG-V, drilling results from PLG-T, the appointment of a new COO for TGM-V and a \$10 million financing for UEC-AMEX.... 7 Equity Financings: This Week: 24 equity raises for C\$113.5 million .......12 Weekly Commodities / Indices / Exchange Rates: The S&P/TSX Comp finished at 14,799, while the S&P/TSX Venture Comp dropped slightly, finishing at 680 this week......13 Commodities and ETFs: A Week in Action: Copper up 2.2% for the week.......14 Comparables Tables: Consensus and Haywood forecasts and multiples, plus market 

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### METALS SECTOR MACRO

#### **Macroeconomic News**

United States: U.S. consumer spending recorded its largest increase in nearly 6 years in May, with big-ticket items including automobiles in particular demand. While economists predicted a significant gain of 0.7% on the previous month, the 0.9% exceeded expectations. Commentators suggest the increase can be attributed to households spending more after the significant drop in gasoline prices. No doubt the high consumer spending figures will intensify speculation of a rate rise in September, despite inflation remaining well below the Federal Reserve's 2% target. The increased consumer spending was in line with the continued steady gain in personal income figures, which posted a 0.5% increase in May, following a similar rise in April. In contrast to the consumer spending figures, however, durable goods orders fell 1.8% in May, more than the -0.7% expected by economists; Durable goods figures exclude transportation and defence orders, which may explain the discrepancy with the consumer spending figure; the increase in consumer spending was largely attributed to automobiles, as described above. Meanwhile, Purchasing Managers Index (PMI) figures from Markit indicate the pace of growth in the U.S. economy is continuing to slip, with its flash figure coming in at 53.4 in June from 54.0 in May. "Manufacturers reported a disappointing end to the second quarter, with factory output growing at the slowest rate for a year-and-a-half," Markit's Chris Williamson said. The Department of Commerce reported on Wednesday that gross domestic product shrank at a 0.2% annual rate in the January-to-March quarter, instead of the 0.7% pace of contraction it reported last month. Housing data were positive this week, with existing house sales increasing 5.1% in May year on year (YoY), while new home sales rose 2.2%. The Department of Commerce said on Tuesday that new-home sales rose 2.2% last month to a seasonally adjusted annual rate of 546,000, the strongest pace since February 2008. Mortgage applications for the week ending June 19 rose 1.6% compared with the previous week. Fixed 30-year mortgage rates averaged 4.19% in the week, down 3 basis points from 4.22% the previous week.

Europe: On Friday, creditors offered a conditional proposal for the release of 15.5 billion euros that would cover Greece's debt obligations through to November, on the condition that previous agreed policies would be honoured. Members of the Greek government have baulked again at the offer, but with the deadline fast approaching, it appears more likely that Greece will accept the offer. Throughout the week, ongoing negotiations between Greece and its international creditors continued to stall after a meeting on Thursday failed to secure a deal. Eurozone finance ministers ended their third meeting in a week without agreement after the three creditor institutions put a final cash-for-reform proposal on the table in a showdown with Athens' leftist government. A final effort to reach a compromise to unlock badly needed credit for Greece to pay its debt will be held on Saturday; it is feared that a default on debt by Greece would see a bank run, and possibly Greece being thrown out of the single currency. Germany, the Eurozone's biggest creditor, has remained steadfast in negotiations, claiming that it has compromised a great deal already, and "would not be blackmailed" by Greece, according to German Chancellor Angela Merkel. Meanwhile, tough sanctions on Russia following the annexation of Crimea and its involvement in the Ukraine conflict have been extended until the end of January 2016; sanction have focused on Russia's banking, oil, and defence sectors. In response, Russia stated it would extend its own sanctions, which include food imports, while also announcing it plans on building up its nuclear arsenal.

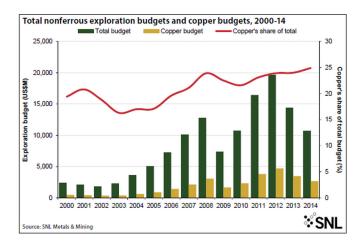
**China:** Factory activity in China, the world's second largest economy, contracted for a fourth month in a row, but the sector did show signs of stabilizing in June. HSBC/Markit flash PMI data were at a 3-month high of 49.6, up from 49.2 in June and exceeded economists' expectations.



#### **Global Commodity News**

Copper exploration and development 1990 to 2014: Following a series of reports from SNL Metals and Mining in recent weeks, a report discussing the copper exploration and development sector from 1990 to 2014 was released on Thursday. According to SNL, a total of 201 copper deposits (plus other metal constituents) greater than 500,000 tonnes of copper in total reserves have been discovered since 1990. Of the 201 discoveries, 21 contain greater than 10 million tonnes of copper. As can be seen in the figure below, total reserves discovered between 1990 and 2014 varies considerably; this variability is in part due to several "significant" discoveries that skew the yearly averages (e.g. Oyu Tolgoi (Hugo Dummet) in 2001 accounting for 34% of total reserves discovered and defined for the year. Interestingly, the graph shows a considerable escalation in exploration expenditure from 2004; this increase coincided with a number of significant discoveries, notably Pampa Escondida and Komoa in 2008, but this has since been followed by a significant drop in the total amount of copper discovered. It may be that any discoveries made post 2008 have not been defined to a size sufficient enough to register on this dataset; SNL suggest it takes between 3 to 10 years from the time of initial discovery to define a resource of significant size, therefore it is likely that more time is required to define resources for more recent discoveries. Alternatively, it may also reflect the effectiveness of current exploration techniques as well as a significant drop in exploration expenditure since 2011. Other major points from the report include:

- 56.5% of discovered copper is in Latin America, mostly in Chile;
- 61% of copper discoveries were found by majors, 23% from juniors;
- Greenfields discoveries account for 59% of copper and 59% of value;
- Twenty-five companies made multiple discoveries, and account for 56% of total copper discoveries.



Source: SNL Metals and Mining

China gold fix expected before year-end: According to the vice president of the Shanghai Gold Exchange (SGE), the bourse is in discussions with the Chicago Mercantile Exchange Group (CME) about listing each other's contracts on their respective exchanges. Trading could commence on both exchanges by Q1/16, and follows China's desire to broaden its influence on global commodity and currency markets. In turn, China is ready to launch its own gold fix, which will be based on a contract traded for a few minutes each day. It is believed doing so will provide transparency for the gold fix, addressing some of the concerns about the London fix, which has been accused of price manipulation in recent times. According to the World Gold Council, China's demand for the yellow metal may rise to as high as 1,000 metric tons this year, provided the country's stock market reverses its rally and investors seek safe-haven investments.



#### JUNIOR EXPLORER: WEEKLY VANTAGE POINT

News from the Junior sector this week included diamond recovery results from Kennady Diamonds Inc. (KDI-V) and exploration drill results from Talisman Mining Ltd. (TLM-ASX).

#### **Mining Flashes**

#### **Other News**

Kennady Diamonds Inc. (KDI-V)

■ Talisman Mining Ltd. (TLM-ASX)

#### **Mining Flashes**

# <u>Kennady Diamonds Inc. (KDI-V, \$5.25) – Kennady Announces Positive Diamond Recovery Results</u> from Kelvin

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■ Bulk sample returns 2.74 carats per tonne – Kennady released the results of a 2.7-tonne bulk sample of kimberlite from the Kelvin North Lobe in Yellowknife. The sample was derived from material obtained following Kennady's 2015 winter drill program, and subjected to caustic fusion at the Geoanalytical Laboratories Diamond Services of the Saskatchewan Research Council (SRC). A summary of the results includes commercial-size diamonds (> 0.85 mm) grading 2.74 carats per tonne.

See Haywood Securities for the full report

#### Other News

Talisman Mining Ltd. (TLM-ASX, \$0.54) Share Price: (52-week high/low: \$0.54/\$0.10) Daily Average Volume for the Week: NA Market Capitalization: \$66.4 million Shares Outstanding: 132 million

Working Capital: ~\$6 million (February 2015)

Date of Release: June 25, 2015

<u>Event</u>: Talisman Mining announced assay results from its Monty Prospect, which is situated 10 kilometres from Sandfire Resources (SFR-ASX) DeGrussa copper-gold mine in Western Australia. The Monty Prospect is part of an exploration earn-in agreement with Sandfire, whereby Sandfire have a right to earn up to 70% interest in the project by spending \$15 million throughout Talisman's Springfield exploration tenements.

Results: Hole TLDD0004A intersected high-grade massive sulphide copper-gold mineralization, which included a headline intersection of 16.5 metres grading 18.9 % copper and 2.1 g/t gold from a downhole depth 409.5 metres.

<u>Comments:</u> Hole TLDD0004A represents the first significant copper-gold intersection within Talisman's Springfield exploration tenements, and represents Volcanogenic Massive Sulphide (VMS) mineralization similar to Sandfire's DeGrussa mine located ~10 kilometres to the west. In addition, the massive sulphide mineralization and associated host rocks exhibit many similarities to DeGrussa. Drilling on hole TLDD0004a is still underway, and was at 745 metres at the time of publication – drilling has been extended beyond the mineralized zone for geological and geochemical information





to aid in later drill targeting. A follow-up hole, TLDD0005A will be drilled ~80 metres south west of 4A, targeting down-hole EM data from 4A.

#### Performance of Companies Included in Junior X and Notable News Flow

Company	Ticker	Close Price (C\$)	Market Capitalization (C\$M)	Cash at Quarter End (C\$M)	Weekly Performance	QTD Performance	QTD Performance vs. TSXV Index
Junior Exploration Names							
Atlantic Gold Corporation	TSXV:AGB	0.27	30.09	16.10	(1.9)%	1.9%	2.0%
Balmoral Resources Ltd	TSX:BAR	0.70	77.27	12.33	(5.4)%	(35.2)%	(35.1)%
Calibre Mining Corp.	TSXV:CXB	0.14	32.32	1.79	0	12.0%	12.1%
Columbus Gold Corp.	TSXV:CGT	0.42	62.33	3.94	2.4%	(2.3)%	(2.3)%
Constantine Metal Resources Ltd.	TSXV:CEM	0.14	16.36	0.64	0	7.7%	7.8%
NexGen Energy Ltd.	TSXV:NXE	0.85	201.81	7.80	13.3%	63.5%	63.5%
North American Nickel Inc.	TSXV:NAN	0.23	36.32	0.40	9.5%	2.2%	2.3%
Orca Gold Inc.	TSXV:ORG	0.25	26.85	21.94	4.2%	(34.2)%	(34.1)%
Orex Minerals Inc.	TSXV:REX	0.20	21.91	1.04	(7.1)%	(25.0)%	(24.9)%
Pure Gold Mining Inc.	TSXV:PGM	0.15	18.23	5.01	0	(41.2)%	(41.1)%
Reservoir Minerals Inc.	TSXV:RMC	4.39	208.50	13.24	0.5%	7.6%	7.7%
Sulliden Mining Capital Inc.	TSX:SMC	0.24	8.11	1.31	2.2%	(6.0)%	(5.9)%
TerraX Minerals Inc.	TSXV:TXR	0.35	24.91	2.49	0	(9.1)%	(9.0)%
Vendetta Mining Corp.	TSXV:VTT	0.14	2.89	0.16	(3.4)%	(6.7)%	(6.6)%
Other Companies in the News							
Kennady Diamonds Inc.	TSXV:KDI	5.10	143.45	11.91	(5.2)%	45.3%	45.4%
Talisman Mining Ltd	ASX:TLM	0.54	66.53	14.04	46.6%	205.7%	205.8%

Source: Capital IQ and Haywood Securities

#### Key Catalysts for Companies Featured in the Last Junior Exploration Report

Company	Ticker	Catalysts
Junior Exploration Names		
		Drilling and permitting - ongoing through 2015
		EIA on Beaver Dam and Cochrane Hill - mid 2015
Atlantic Gold Corporation	TSXV:AGB	• Feasibility study - Q3'15
		<ul> <li>\$5 million exploration program at Grasset and Martiniere - H1'15</li> </ul>
		NI 43-101 compliant resource estimate for Martiniere - H1'15
Balmoral Resources Ltd	TSX:BAR	NI 43-101 compliant resource estimate for Grasset - H1215
		• Eastern Borosi Project (IAMGOLD): Phase 2 +5,500 metre drill program with
		results during Q2'15
		• \$1.5 million estimated to be spent on B2Gold JV, no program finalized yet
Calibre Mining Corp.	TSXV:CXB	• 3 drill holes at 100% calibre-owned Siuna project
		Paul Isnard Project: Updated Resource Estimate - April 2015 and PEA - Q2'15
		Eastside Project: Resource estimate - end of 2015
Columbus Gold Corp.	TSXV:CGT	Edition of
		Palmer resource estimate update - H1'15
Constantine Metal Resources Ltd.	TSXV:CEM	Exploration drill results - 2015
		Winter program drill results - H1'15
NexGen Energy Ltd.	TSXV:NXE	Details of summer exploration program
		Maniitsoq exploration results (incl Spotty Hill and Imiak Hill and regional
N. 4 A NE L II	TOVALANI	targets) - H2'15
North American Nickel Inc.	TSXV:NAN	under alle
0 0 111	T01/1/000	US\$5 million exploration program
Orca Gold Inc.	TSXV:ORG	Corporate transaction     Constant Phase Addisonand della
		Coneto: Phase 4 diamond drill program comprised of approx. 4,500 metres
		to commence in April 2015  Barsele: Under development and anticipated to commence post-
Orex Minerals Inc.	TSXV:REX	completion of the joint venture agreement
Pure Gold Mining Inc.	TSXV:PGM	Results from phase 2 drill program - Q2'15 to Q4'15
T are cold willing inc.	TOAV.I OW	Timok exploration drill results (JV ground) - 2015
		Timok exploration results (100% owned ground) - H2'15
Reservoir Minerals Inc.	TSXV:RMC	Completion of Timol scoping study - H2'15
Tiood. Toll Willion tol.	10/(1/10/0	Hopebrook PEA - Q3'15
Sulliden Mining Capital Inc.	TSX:SMC	• Rio Grande PEA - Q3'15
		Drill results from winter program - Q2'15
		Commence summer drill program - Q2'15
TerraX Minerals Inc.	TSXV:TXR	Summer drill program results
Vendetta Mining Corp.	TSXV:VTT	• 2015 exploration drilling (Zones 4 and 5)

Source: Haywood Securities



#### HAYWOOD RESEARCH: THE WEEK IN REVIEW

Publications from the Haywood Research team for the week included the following:

- Initiating coverage of Integra Gold Corp. (ICG-V)
- The announcement of a "gold challenge" from Integra Gold Corp. (ICG-V)
- Suspension of operations at Cerro Bayo Mandalay Resources Corp. (MND-T)
- Financing from the International Finance Corporation (IFC) for Roxgold Inc. (ROG-V)
- Drilling results from Pilot Gold Inc. (PLG-T)
- The appointment of a new Chief Operating Officer for True Gold Mining Inc. (TGM-V)
- A US\$10 million financing for Uranium Energy Corp. (UEC-AMEX)

#### RADAR FLASHES

#### Integra Gold Corp. (ICG-V, \$0.34) – INTEGRA-ting Deposits, Building Value

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• A high-grade resource with plenty of upside – At a cut-off grade of 3 g/t gold, Lamaque hosts an indicated resource of 1.06 Moz within seven discrete "plugs", grading 7.1 g/t gold, which includes 0.52 Moz grading 8.3 g/t gold at the highest grade Triangle Zone, plus a further total inferred resource of 0.33 Moz grading 8.4 g/t gold. Applying a cut-off of 5 g/t gold, the indicated resource grade increases by 34%, while contained ounces decrease by only 23%, providing, if required, greater flexibility to mine at a higher cut-off, which would increase grade, with only a small reduction in contained ounces. These resources extend from surface to ~620 metres vertical depth and remain open to depth, whereas historically more than 9 Moz from the two adjacent mines were mined to vertical depths of up to 2,000 metres. The bulk of the 2015 program of 75,000 metres will focus on increasing gold resources through definition and extension drilling on four gold zones, while still searching for new gold-bearing structures within the project area. Integra will spend approximately \$6.5 million on drilling for the balance of this year.

See Haywood Securities for the full report

# Integra Gold Corp. (ICG-V, \$0.35) – Find the Next Big Gold Discovery in Val-d'Or and Win Heaps of Cash Money

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• Integra launches its own gold "Challenge" – On Tuesday morning, Integra announced the launch of its Integra Gold Rush Challenge, a crowd-sourcing competition the Company hopes will lead to the next big gold discovery at its Sigma-Lamaque gold property in Val-d'Or, Québec. The \$1 million prize will be broken out into a number of categories, and will be awarded to whoever generates the "best" exploration target(s) at Lamaque. Integra intends to fund the competition through sponsorships and to date has loose commitments for half the award money. Likely sponsors would include software companies, mining contractors, and other suppliers to the mining industry. Integra plans to announce the winners next March in Toronto at the Prospectors and Developers Association of Canada (PDAC) mining conference.

See Haywood Securities for the full report



#### Mandalay Resources Corp. (MND-T, \$0.96) - Strike Action at Cerro Bayo Temporarily Suspends Operations

#### Benjamin Asuncion | basuncion@haywood.com

- Cerro Bayo Strike Action Mandalay announced that the union at its Cerro Bayo mine site has initiated
  a legal strike action (which commenced on June 23, 2015) in the context of ongoing bargaining efforts
  to reach a new collective agreement. Owing to blocked access to the site, mine production has been
  temporarily suspended.
- 2015 Guidance For 2015, management is guiding towards production from Cerro Bayo of 2.7 million to 3.1 million ounces of silver plus 23,000 to 27,000 ounces of gold (~4.3 Moz to 5.0 Moz of silver equivalent) at a cash cost of US\$6 to US\$8 per ounce of silver (net of gold). Guidance compares with Haywood estimates of 3.0 million ounces of silver plus gold (4.75 Moz of silver equivalent) at a cash cost of US\$7.85 per ounce of silver (net of gold). Cerro Bayo represents approximately 40% of our 2015 consolidated production, 44% of our 2015 cash flow, and 23% of our project NAV estimates.

See Haywood Securities for the full report

# Royal Nickel Corp. (RNX-T, \$0.30) – Dumont Receives Key Permit – Construction Start-up Targeted in Early 2016

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- The certificate's receipt follows the recent appointment of Swedbank Norway as the advisors for a contemplated 5-year US\$600M senior bond financing, which will form the cornerstone of a capital funding package for Dumont (refer to Haywood Industry Report Magmatic Nickel Sulphide Deposits, June 25, 2015). Over the past 24 months, Swedbank has raised more than US\$7B in bond financing for companies in the energy, transportation, and mining sectors. We note Dumont is underpinned by a US\$1.2B pre-production initial capital-cost estimate, and Royal Nickel continues to pursue partnerships. Trips to Japan and Korea have garnered additional interest in the wake of the Indonesian export ban, the consequences of which are now becoming more apparent. Discussions with European stainless steel producers are also underway.
- A July 2013 bankable feasibility study (BFS) headed by Ausenco details a 105,000 tpd operation designed
  to produce 90 Mlb of nickel in concentrate annually (33-year open-pit life of mine [LOM] average),
  positioning Dumont among the largest advanced-stage concentrate-based development projects in a
  supply-constrained market (refer to Radar Screen, January 27, 2015). Project risk is mitigated through
  the use of standard off-the-shelf froth flotation, a strong management team that boasts a track record
  of successful large-scale project development, and proximity to key established infrastructure. Hence,
  we continue to view the project as a strategic asset that will garner major attention.

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#### Roxgold Inc. (ROG-V, \$0.71) – Taking Balance Sheet Caution with IFC Investment

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• Although investment by the International Finance Corporation results in dilution to our net asset value (NAV), the financing does provide a number of benefits that are important at this stage of development. The first is an additional cash buffer during the build phase, which could prove vital as Roxgold approaches a seasonally weak period for gold prices and elections in Burkina Faso in October 2015, both of which could impact working capital at the start-up of the operation. The second benefit is cash to continue exploration efforts at targets like Bagassi South, which has the potential to contribute added annual production early in the mine life. The third benefit is the addition of a well-regarded, long-term investor that could help the Company navigate any upcoming political and social challenges.



See Haywood Securities for the full report

#### <u>Pilot Gold Inc. (PLG-T, \$0.62) – New Discovery at Kinsley Highlights Potential for More High-Grade</u> Zones

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- Pilot Gold announced results from the initial 2015 drill program at the Kinsley Mountain project in eastern Nevada.
- Tuesday's drill results are from an area approximately 150 metres northeast of the high-grade Western Flank, and intercepted high-grade gold in two key stratigraphic horizons, indicating the presence of a new mineralized zone that remains open to the east and the west.

See Haywood Securities for the full report

# <u>True Gold Mining Inc. (TGM-V, \$0.23) – New COO Brings Mining and In-Country Experience to the</u> Table

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- On Monday morning, True Gold appointed Mr. David Laing as Chief Operating Officer, effective June 22, 2015.
- Mr. Laing was one of the original executives of Endeavour Mining. He played an integral part in the acquisition and integration of three junior gold producers and led the feasibility of the Houndé project in Burkina Faso. At Endeavour, David worked alongside True Gold's current CEO Christian Milau for more than 5 years.
- David joins True Gold from Quintana Resources, a base metals streaming company (not listed), where
  he held the positions of Executive Vice President and Chief Operating Officer. Prior to that he was CEO
  and Director of Catalyst Copper (CCY-V; not rated).
- David is a mining engineer with more than 35 years of experience in diverse mining operations, project development, engineering studies, mining finance, investor relations, mergers and acquisitions, and corporate development. His unique combination of a technical background as a mining engineer with strong capital market acumen will help steer True Gold's growth strategy.

See Haywood Securities for the full report

# <u>Uranium Energy Corp. (UEC-AMEX, \$1.86) – \$10M Raise Alleviates Working-Capital Pressure – Better Terms</u> Than Our Model

#### Colin Healey, MBA | chealey@haywood.com

- US\$10 million financing The financing consists of 5 million units at US\$2.00 per unit, in which 1 unit comprises one common share and one-half share purchase warrant, with an exercise price of \$2.35 for 3 years for each full warrant (x-price is 17.5% premium to the unit price). The unit is priced at a ~16% discount to the 20-day Bloomberg-calculated volume-weighted average price (VWAP) of UEC shares of US\$2.384 (to close of June 22, 2015). The deal shares, plus shares reflected in the warrants, equate to ~8.1% of current UEC shares issued and outstanding.
- Working Capital UEC had working capital of ~US\$2.4 million at FQ3/15 exit (April 30, 2015), which was augmented by the sale of 80,000 pounds of U<sub>3</sub>O<sub>8</sub> from inventory, for proceeds of ~US\$3.1 million earlier this month. The financing will significantly boost working capital, and could fund UEC for some time (up





to 12-months) at our assumed burn rate. We believe additional funding will be required with, or ahead of, resumption of full production, for working capital and site-related expenditures.

See Haywood Securities for the full report

#### OTHER REPORTS

#### The Ore Deposits Guide - Magmatic Nickel Sulphide Deposits

#### **Haywood Mining Team**

• Nickel is a critical component in stainless steel, accounting for about 60% of total nickel demand today. Hence, the metal's demand fundamentals remain largely underpinned by infrastructure development, and emerging market considerations (namely China and India) are key to nickel's long-term outlook. Despite strong demand fundamentals, the nickel price is, in part, constrained by the availability of nickel pig iron (NPI), an intermediate nickel product produced from low-grade laterite (oxide) ores. However, the availability of high-grade (+2.0% nickel) laterite ore is decreasing, and lower grade substitutes are inherently more expensive to process. In addition, Indonesia has typically been a (the) source for higher grade NPI ores, providing +25% of the world's mined nickel supply. Indonesia's FULL ban on the export of unprocessed ores (enacted in January 2014) has significantly limited the low-cost availability/viability of NPI feed to the Chinese market. Portside stockpiles of this Indonesian (higher grade) material are now drained, which will likely prompt drawdown of London Metal Exchange (LME) inventories, in turn garnering attention (greater transparency) to the nickel market's supply issues.

See Haywood Securities for the full report



#### MARKET ESSENTIALS

#### **Companies in the News**

- In a further sign of the dire state of the mining sector in Australia in particular, **BHP Billiton (BHP-ASX)** announced it will let go about 140 employees from its Adelaide offices in South Australia. The cuts come after 90 employees and 130 contractors were let go from the Olympic Dam mine a few months ago. After cancelling its \$33 billion expansion of the mine in 2012, BHP has been investigating alternative processing options (heap-leach) for the mine, which currently has an on-site smelter and refinery. The Company also suggested that further cuts could be on the horizon at the mine.
- Teck Resources (TCK.A-T) has been hit with a "please explain" from Chile's environmental regulator SMA, which has accused the Company of environmental infractions at its Carmen de Andacollo copper mine in the country's north-central region of Coquimbo. According to reports, the authority cited openings in the deposit where the ore was stored and a failure to build sufficient water infrastructure. The "seriousness" of the charges implies that Teck could face a \$4 million fine, or have its mining permit withdrawn. Teck is currently reviewing the regulator's report.
- Three companies, Atico Mining Corp. (ATY-V), Metanor Resources Inc. (MTO-V), and Osisko Gold Royalties Ltd. (OR-T), released noteworthy assay results from their respective projects. Infill drilling at Atico's El Roble mine in Colombia included hole ATD-0014 that intersected 115.75 metres grading 5.61% copper, 1.99 g/t gold, and 7.77 g/t silver. These result successfully increased and extended copper-gold-silver mineralization beyond the National Instrument 43-101 inferred resource wireframe of the Zeus, Aquiles, and Ares mineralized bodies. El Noble has an inferred resource of 1.58 million tonnes grading 4.45% copper and 3.17 g/t gold. Metanor Resources announced drill results from its Bachelor Mine in Quebec. Drilling focused on level 6 of the underground workings at the mine, with hole 6-151 returning 10.8 metres grading 12.8 g/t gold. The non-operating mine has a National Instrument 43-101 compliant resource of 643,826 tonnes grading 7.96 g/t gold in the measured and indicated category. Finally, from Osisko Gold Royalties' Coulon development project in Quebec, testing the depth extent and continuity of Lens 257, highlights of the drilling campaign include 14.2 metres grading 4.25 g/t gold, 6.69% zinc, 73.32 g/t silver, and 0.7 g/t gold. The Coulon project is being developed in partnership with SODEMEX, Fonds de solidarité FTQ, and SIDEX.

#### **Financings**

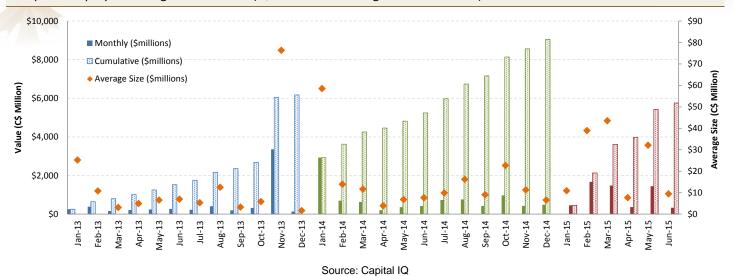
• TerraX Minerals Inc. (TXR-V) announced the close of the final tranche of its non-brokered flow-through private placement first announced on May 19, 2015, comprising 7.7 million flow-through shares at \$0.45 per share for \$3.5 million, plus one-half warrant at an exercise price of \$0.55 per share for 3 years. The placement was in conjunction with a \$2.5 million private placement with Osisko Gold Royalties Ltd. (OR-T).

#### **Mergers and Acquisitions**

• According to Germany's K+S (SDF-MUN) potash producer, it has received a written takeover proposal from Potash Corp of Saskatchewan (POT-T). At this stage, no details regarding the specifics of the proposed takeover bid are available, however the deal would see Potashcorp own the \$4.1 billion Legacy solution mine in south Saskatchewan. Legacy is expected to start production by the end of 2016, ramping up to two million tonnes per year in 2017 and reaching full capacity of 2.9 million tonnes by 2023. Potashcorp's share price rose 4.3% on the TSX on Thursday, while K+S AG rose 12.8% on the Frankfurt stock exchange.



#### Completed Equity Financings 2013 to Date (C\$ million and average transaction size)



#### Announced Equity/Debt Raisings and Streaming Deals for the Week (> \$500,000)

						Prem /	
Date	Company	Ticker	Value	Price	20 Day VWAP	Disc	Details
Equity Raising	ıs						
26-Jun-15	Golden Arrow Resources Corp. (TSXV:GRG)	TSXV:GRG	C\$0.7 M	\$1.50	\$1.60	(6)%	0.442M sh at C\$1.50/sh (post-consolidation)
26-Jun-15	Equitas Resources Corp. (TSXV:EQT)	TSXV:EQT	C\$0.5 M	\$0.09	\$0.09	(4)%	6M sh at C\$0.085/sh plus warr at C\$0.15/sh for 24 months
25-Jun-15	Western Lithium USA Corporation (TSX:WLC)	TSX:WLC	C\$6.2 M	\$0.70	\$0.69	1%	8.9M sh at C\$0.70/sh
25-Jun-15	Unigold Inc. (TSXV:UGD)	TSXV:UGD	C\$2.0 M	\$0.20	\$0.14	38%	9.9M sh at C\$0.20/sh (post-consolidation)
25-Jun-15	Pelangio Exploration Inc. (TSXV:PX)	TSXV:PX	C\$1.1 M	\$0.03	\$0.04	(15)%	36.6M sh at C\$0.03/sh plus 1/2 warr at C\$0.05/sh for 18 months
25-Jun-15	New Oroperu Resources Inc. (OTCPK:NOPU.F)	OTCPK:NOPU.F	C\$0.6 M	\$0.15	\$0.09	66%	4.3M sh at C\$0.15/sh plus 1/2 warr at C\$0.20/sh for 60 months
24-Jun-15	Pantheon Ventures Ltd. (TSXV:PVX)	TSXV:PVX	C\$2.5 M	\$0.15	\$0.10	55%	16.7M sh at C\$0.15/sh plus warr at C\$0.25/sh for 12 months
24-Jun-15	Maritime Resources Corp. (TSXV:MAE)	TSXV:MAE	C\$1.3 M	\$0.15	\$0.16	(8)%	6.6M sh at C\$0.15/sh plus 1/2 warr at C\$0.20/sh for 24 months and 1.4M FT sh at C\$0.18/sh
23-Jun-15	Roxgold Inc. (TSXV:ROG)	TSXV:ROG	C\$18.4 M	\$0.71	\$0.72	(1)%	25.8M sh at C\$0.71/sh plus 1/2 warr at C\$0.90/sh for 24 months
23-Jun-15	Marathon Gold Corporation (TSX:MOZ)	TSX:MOZ	C\$3.5 M	\$0.30	\$0.29	4%	FT sh and sh at C\$0.30/sh and C\$0.25/sh respectively, each sh has ½ warr at C\$0.34/sh for 24 months
22-Jun-15	SouthGobi Resources Limited (TSX:SGQ)	TSX:SGQ	C\$39.1 M	\$0.71	\$0.90	(21)%	55M sh at C\$0.71/sh
22-Jun-15	Colt Resources Inc. (DB:P01)	DB:P01	C\$30.0 M	NA	NA	NA	Details to be confirmed
22-Jun-15	CB Gold Inc. (TSXV:CBJ)	TSXV:CBJ	C\$3.5 M	\$0.05	\$0.03	52%	70M sh at C\$0.05/sh
22-Jun-15	Otis Gold Corp. (TSXV:OOO)	TSXV:000	C\$1.4 M	\$0.05	\$0.05	5%	20M sh at C\$0.05/sh
22-Jun-15	Makena Resources Inc. (TSXV:MKN)	TSXV:MKN	C\$0.9 M	\$0.03	\$0.02	1%	34.4M sh at C\$0.025/sh plus warr at C\$0.05/sh for 60 months
22-Jun-15	Belmont Resources Inc. (TSXV:BEA)	TSXV:BEA	C\$0.5 M	\$0.05	\$0.05	7%	10M sh at C\$0.05/sh plus warr at C\$0.08/sh for 24 months
Debt Raisings	s						
25-Jun-15	Great Lakes Graphite Inc. (TSXV:GLK)	TSXV:GLK	C\$0.8 M	NA	NA	NA	C\$0.75M at 8.5% for 4 year
25-Jun-15	Inca One Gold Corp. (TSXV:IO)	TSXV:IO	C\$0.6 M				C\$0.50M at 14% for 12 year conv to sh
22-Jun-15	Dynasty Metals & Mining Inc. (TSX:DMM)	TSX:DMM	C\$4.9 M	NA	NA	NA	C\$4M at 16% for 1 year

All figures in Canadian dollars unless otherwise noted

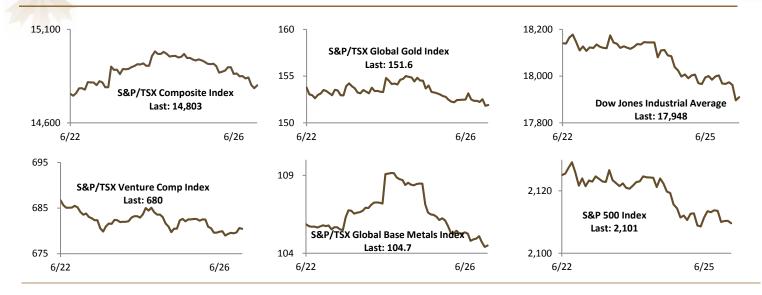
Premium/discount based on closing price one day prior to announcement
Premium/discount based on common shares (where applicable) or quoted security

E = equity; D = Debt; sh = shares; FT = flow through; warr = warrant

Source: Capital IQ and Haywood Securities



## WEEKLY COMMODITIES / INDICES / EXCHANGE RATES



### **Metal and Currency Prices for the Week**

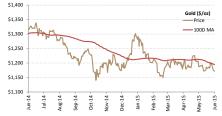
	Name	Close	1Wk Δ	%	5 Day Trend	52W H/L	1W H/L		Name	Close	1Wk Δ	%	5 Day Trend	52W H/L	1W H/L
	Gold Spot	1,175	(25.77)	(2.19)%		1,345	1,200	S	TSX	14,803	150	1.02%		15,685	14,948
ALS	US\$/oz					1,132	1,173	NDICIES						13,636	14,653
MET	Silver Spot	15.80	(0.31)	(1.93)%		21.58	16.22	9	TSXV	680	(3.67)	(0.54)%		1,038	684
	US\$/oz					14.42	15.80	_						637	680
PRECIOUS	Platinum Spot	1,082	(3.15)	(0.29)%		1,520	1,085		Canadian Dollar	1.23	0.01	0.41%		1.28	1.24
Ö	US\$/oz					1,059	1,062							1.06	1.23
PR	Palladium Spot	679	(28.88)	(4.25)%		912	708		Euro	1.12	(0.02)	(1.62)%		1.37	1.14
	US\$/oz					670	679							1.05	1.12
	Copper Future	2.61	0.05	1.79%	~	3.26	2.61		China Renminbi	6.21	-	0.00%		6.28	6.21
	US\$/lb					2.44	2.56							6.11	6.21
	Nickel Spot	5.63	(0.12)	(2.17)%		8.99	5.81		Mexican Peso	15.55	0.20	1.28%	/-/	15.77	15.55
S	US\$/lb					5.56	5.61							12.90	15.34
BASE METALS	Lead Spot	0.80	(0.00)	(0.47)%	~	1.03	0.81		Peruvian New Sol	3.17	0.00	0.13%	$\wedge$	3.18	3.18
ē	US\$/lb				/	0.76	0.79							2.77	3.17
Ę	Zinc Spot	0.92	(0.00)	(0.31)%		1.10	0.93		S. African Rand	12.21	0.05	0.38%	~ /	12.71	12.21
BA S	US\$/lb					0.90	0.92	RATES						10.47	12.10
_	Aluminum Spot	0.76	0.01	0.77%	<b>^</b>	0.96	0.76	Ŗ.	Australian Dollar	0.77	(0.01)	(1.52)%	~	0.95	0.78
	US\$/lb					0.75	0.75	NGE					\	0.75	0.77
	Iron Ore Spot	62	0.38	0.61%		140	79	Ž	Japanese Yen	123.8	1.09	0.88%		125.9	123.9
	US\$/t					78	78 60	EXCH						101.1	122.7
	Newcastle Coal	59	(0.30)	(0.51)%	~	72	60	ă	Chilean Peso	635	2.31	0.36%	/	643	635
	US\$/t					52	59						$\sim$	548	632
	CAAP Coal	41	(0.38)	(0.93)%		62	41		British Pound	1.57	(0.01)	(0.90)%		1.72	1.59
	US\$/t					41	41							1.46	1.57
>	Uranium Spot	36.75	-	0.00%		39	37		Swiss Franc	0.93	0.02	1.76%		1.02	0.94
ENERGY	US\$/lb					37	37							0.74	0.92
ä	WTI	60	(0.35)	(0.59)%		97	61		Norwegian Krone	7.84	0.11	1.46%		8.42	7.85
	US\$/bbl					49	60							6.12	7.72
	Brent	63	0.21	0.33%	$\wedge$	107	64		Turkish Lira	2.66	(0.03)	(1.12)%		2.81	2.69
	US\$/bbl					52	63							2.09	2.66
	Henry Hub	2.77	(0.04)	(1.55)%		4.16	2.85		Indian Rupee	63.64	0.08	0.13%		64.30	63.64
	US\$/MMBtu				<u> </u>	2.54	2.73							59.54	63.52

Source: Haywood Securities



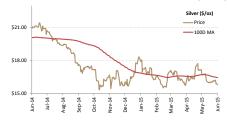
#### COMMODITIES AND ETFS: A WEEK IN ACTION

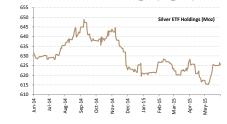
#### Gold - 1-Year US\$/oz (left) and Total ETF Holdings (right)





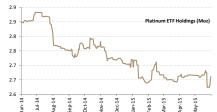
#### Silver - 1-Year US\$/oz (left) and Total ETF Holdings (right)





#### Platinum - 1-Year US\$/oz (left) and Total ETF Holdings (right)





#### Palladium - 1-Year US\$/oz (left) and Total ETF Holdings (right)





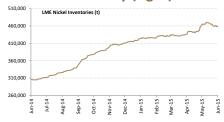
#### Copper - 1-Year US\$/lb (left) and LME Inventory (right)





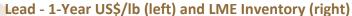
#### Nickel - 1-Year US\$/Ib (left) and LME Inventory (right)





- Spot: Loss (-2.1%) for the week
- ETF Holdings: 51,399,973 ounces, up 405,223 ounces for the week
- Spot: Loss (-1.9%) for the week
- ETF Holdings: 625,257,562 ounces, up 263,645 ounces for the week
- Spot: Loss (-0.3%) for the week
- ETF Holdings: 2,661,206 ounces, up 37,393 ounces for the week
- Spot: Loss (-4.1%) for the week
- ETF Holdings: 2,970,968 ounces, up 15,576 ounces for the week
- Futures: Gain (+1.8%) for the week
- LME Copper: 310,300 tonnes, down 7,400 tonnes for the week
- Spot: Loss (-2.1%) for the week
- LME Nickel: 458,148 tonnes, down 402 tonnes for the week







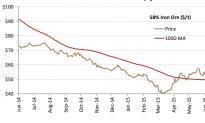


Zinc - 1-Year US\$/lb (left) and LME Inventory (right)





Iron - 1-Year US\$/t 58% Fe (left) and 62% Fe (right)





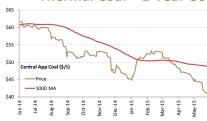
- Spot: Loss (-0.5%) for the week
- LME Lead: 176,450 tonnes, up 3,050 tonnes for the week
- Spot: Loss (-0.3%) for the week
- LME Zinc: 464,950 tonnes, down 3,600 tonnes for the week
- 58% Fe Iron Ore: Gain (+0.8%) for the week
- 62% Fe Iron Ore: Gain (+0.6%) for the week
- Metallurgical Coal 1-Year US\$/t Platts (left) and PCI (right)





- Premium Low Vol: unchanged for the week
- Low Vol PCI: loss (-2%) for the week

#### Thermal Coal – 1-Year US\$/t Central Appalachian (left) and Newcastle (right)





- CAPP Futures: Loss (-1.0%) for the week
- Newcastle Thermal Futures: Loss (-0.3%) for the week

### Uranium – 1-Year US\$/lb Short-Term (left) and Long-Term (right)





- Uranium Spot: unchanged for the week
- Uranium Long-Term: Unchanged

Source: Bloomberg, UxC Consulting, Platts, and Haywood Securities



## **EQUITIES: WEEKLY PERFORMANCES**

#### S&P TSX Global Mining Index – Top and Bottom Performance (upper) and Constituent Performance (lower)

		1W	k			1W	k
Top Companies	Close	\$∆	%Δ	Bottom Companies	Close	\$Δ	%∆
OceanaGold Corporation	3.09	0.36	13%	Peabody Energy Corporation	2.13	(0.50)	(19)%
Imperial Metals Corp.	10.74	1.00	10%	Alpha Natural Resources, Inc.	0.33	(0.07)	(18)%
Alacer Gold Corp.	2.96	0.19	7%	Arch Coal Inc.	0.42	(0.06)	(12)%
Lucara Diamond Corp.	2.06	0.12	6%	NovaGold Resources Inc.	4.34	(0.46)	(10)%
Major Drilling Group International Inc.	6.59	0.38	6%	Romarco Minerals Inc.	0.43	(0.04)	(9)%
Gold Fields Ltd.	3.27	0.12	4%	Silver Standard Resources Inc.	7.68	(0.71)	(8)%
Cloud Peak Energy Inc.	4.78	0.14	3%	Osisko Gold Royalties Ltd.	16.22	(1.48)	(8)%
Materion Corporation	38.50	1.03	3%	AuRico Gold Inc.	3.57	(0.28)	(7)%
Torex Gold Resources Inc	1.13	0.03	3%	Pretium Resources Inc.	6.60	(0.51)	(7)%
Nevsun Resources Ltd.	4.90	0.13	3%	Stillwater Mining Company	11.81	(0.91)	(7)%

			1W	(	52\	٧k				1W	'k	52\	Vk
Ticker	Company	Close	\$Δ	%∆	High	Low	Ticker	Company	Close	\$Δ	%Δ	High	Low
TSX:AEM	Agnico Eagle Mines Limited	35.91	(2.17)	(6)%	45.92	25.05	TSX:IMG	IAMGOLD Corp.	2.70	(0.13)	(5)%	4.55	1.62
TSX:ASR	Alacer Gold Corp.	2.96	0.19	7%	3.11	1.77	TSX:III	Imperial Metals Corp.	10.74	1.00	10%	17.22	7.30
TSX:AGI	Alamos Gold Inc.	7.08	(0.39)	(5)%	11.26	6.45	TSX:IVN	Ivanhoe Mines Ltd.	0.92	(0.01)	(1)%	1.61	0.67
NYSE:AA	Alcoa Inc.	11.68	(0.25)	(2)%	17.75	11.55	NasdaqGS:KALU	Kaiser Aluminum Corporation	85.07	1.07	1%	86.16	68.26
NasdaqGS:ARLP	Alliance Resource Partners LP	24.24	(0.82)	(3)%	53.84	24.08	TSX:K	Kinross Gold Corporation	2.86	0.06	2%	4.78	2.27
NYSE:ANR	Alpha Natural Resources, Inc.	0.33	(0.07)	(18)%	4.16	0.35	TSX:KGI	Kirkland Lake Gold Inc.	5.68	(0.18)	(3)%	6.88	2.79
TSX:ALS	Altius Minerals Corp.	14.38	(0.87)	(6)%	15.47	9.86	TSX:LSG	Lake Shore Gold Corp.	1.32	(0.03)	(2)%	1.40	0.70
NYSE:ACH	Aluminum Corporation Of China Limited	12.61	(0.60)	(5)%	17.44	8.98	TSX:LUC	Lucara Diamond Corp.	2.06	0.12	6%	2.88	1.60
NYSE:AU	AngloGold Ashanti Ltd.	9.12	(0.15)	(2)%	18.69	7.45	TSX:LUN	Lundin Mining Corporation	5.30	0.03	1%	6.57	3.68
NYSE:ACI	Arch Coal Inc.	0.42	(0.06)	(12)%	3.73	0.36	TSX:MAG	MAG Silver Corp.	10.14	(0.15)	(1)%	11.00	6.56
TSX:AKG	Asanko Gold Inc.	2.33	0.03	1%	2.95	1.50	TSX:MDI	Major Drilling Group International Inc.	6.59	0.38	6%	9.41	5.01
TSX:AUQ	AuRico Gold Inc.	3.57	(0.28)	(7)%	5.12	3.21	NYSE:MTRN	Materion Corporation	38.50	1.03	3%	41.85	26.64
TSX:BTO	B2Gold Corp.	1.95	(0.06)	(3)%	3.17	1.65	NYSE:NRP	Natural Resource Partners LP	3.71	(0.15)	(4)%	16.91	3.65
TSX:ABX	Barrick Gold Corporation	13.47	(0.61)	(4)%	21.14	11.67	TSX:NSU	Nevsun Resources Ltd.	4.90	0.13	3%	5.35	3.61
NYSE:BHP	BHP Billiton Limited	42.56	(1.25)	(3)%	73.91	42.15	TSX:NGD	New Gold, Inc.	3.57	(0.10)	(3)%	7.23	3.53
NYSE:BBL	BHP Billiton plc	41.14	(0.86)	(2)%	71.44	38.54	NYSE:NEM	Newmont Mining Corporation	23.85	(0.80)	(3)%	27.90	17.60
TSX:CCO	Cameco Corporation	17.89	(0.31)	(2)%	23.26	16.73	TSX:NG	NovaGold Resources Inc.	4.34	(0.46)	(10)%	5.22	2.65
TSX:CS	Capstone Mining Corp.	1.23	(0.05)	(4)%	3.11	1.04	TSX:OGC	OceanaGold Corporation	3.09	0.36	13%	3.74	1.70
TSX:CG	Centerra Gold Inc.	7.33	0.05	1%	7.92	3.96	TSX:OR	Osisko Gold Royalties Ltd.	16.22	(1.48)	(8)%	18.85	13.30
NasdaqGS:CENX	Century Aluminum Co.	11.22	0.05	0%	31.75	10.67	TSX:PAA	Pan American Silver Corp.	10.99	(0.63)	(5)%	17.02	9.97
TSX:CGG	China Gold International Resources Corp Ltd	2.14	0.03	1%	3.50	1.30	NYSE:BTU	Peabody Energy Corporation	2.13	(0.50)	(19)%	16.71	2.21
NYSE:CLD	Cloud Peak Energy Inc.	4.78	0.14	3%	18.55	4.35	TSX:PG	Premier Gold Mines Limited	2.44	(0.01)	(0)%	3.52	1.61
NYSE:CDE	Coeur Mining, Inc.	5.66	(0.37)	(6)%	9.32	3.37	TSX:PVG	Pretium Resources Inc.	6.60	(0.51)	(7)%	9.43	4.60
NYSE:BVN	Compañía de Minas Buenaventura S.A.A.	10.42	(0.05)	(0)%	14.82	8.64	TSX:P	Primero Mining Corp.	5.07	(0.27)	(5)%	9.05	3.25
NYSE:CMP	Compass Minerals International Inc.	83.94	0.60	1%	97.50	79.07	NasdaqGS:GOLD	Randgold Resources Limited	68.85	(1.47)	(2)%	89.89	58.00
NYSE:CNX	CONSOL Energy Inc.	22.37	(1.12)	(5)%	46.61	22.25	NYSE:RIO	Rio Tinto plc	42.72	(0.44)	(1)%	59.33	40.70
NYSE:CSTM	Constellium N.V	12.20	0.09	1%	32.61	11.23	TSX:R	Romarco Minerals Inc.	0.43	(0.04)	(9)%	0.98	0.40
TSX:DML	Denison Mines Corp.	0.95	(0.01)	(1)%	1.53	0.93	NasdaqGS:RGLD	Royal Gold, Inc.	62.30	(1.23)	(2)%	82.84	55.55
TSX:DGC	Detour Gold Corporation	14.48	(0.44)	(3)%	16.37	6.02	NYSE:RTI	RTI International Metals, Inc.	32.94	(0.71)	(2)%	40.08	20.92
TSX:DDC	Dominion Diamond Corporation	18.20	(0.35)	(2)%	24.60	14.35	TSX:RMX	Rubicon Minerals Corporation	1.28	(0.04)	(3)%	1.82	0.90
TSX:ELD	Eldorado Gold Corporation	4.93	(0.10)	(2)%	9.68	4.89	TSX:SSL	Sandstorm Gold Ltd.	3.72	0.02	1%	8.19	2.80
TSX:FR	First Majestic Silver Corp.	6.13	(0.22)	(3)%	12.27	3.98	TSX:SMF	SEMAFO Inc.	3.55	(0.07)	(2)%	5.48	2.39
TSX:FM	First Quantum Minerals Ltd.	16.85	0.04	0%	27.29	9.89	TSX:S	Sherritt International Corporation	2.11	(0.12)	(5)%	4.83	2.00
TSX:FCU	Fission Uranium Corp.	1.01	-	-	1.38	0.65	NYSE:SBGL	Sibanye Gold Limited	6.46	0.13	2%	11.56	6.10
TSX:FVI	Fortuna Silver Mines Inc.	4.60	(0.20)	(4)%	6.59	3.71	TSX:SSO	Silver Standard Resources Inc.	7.68	(0.71)	(8)%	11.05	4.47
TSX:FNV	Franco-Nevada Corporation	59.87	(0.21)	(0)%	74.10	50.94	TSX:SLW	Silver Wheaton Corp.	21.67	(0.69)	(3)%	29.98	18.92
NYSE:FCX	Freeport-McMoRan Inc.	19.83	0.06	0%	39.32	16.43	NYSE:SCCO	Southern Copper Corp.	30.29	0.14	0%	33.90	23.60
NasdaqGS:GSM	Globe Specialty Metals, Inc.	18.24	(0.26)	(1)%	21.99	15.11	NYSE:SWC	Stillwater Mining Company	11.81	(0.91)	(7)%	19.42	11.81
NYSE:GFI	Gold Fields Ltd.	3.27	0.12	4%	6.01	3.01	TSX:THO	Tahoe Resources Inc.	15.72	(0.95)	(6)%	30.15	13.19
TSX:G	Goldcorp Inc.	20.28	0.16	1%	32.32	19.18	TSX:TCK.B	Teck Resources Limited	12.91	(0.46)	(3)%	26.98	12.46
NYSE:HMY	Harmony Gold Mining Company Limited	1.38	(0.08)	(5)%	3.29	1.31	TSX:TXG	Torex Gold Resources Inc	1.13	0.03	3%	1.82	0.88
NYSE:HL	Hecla Mining Co.	2.77	(0.21)	(7)%	3.54	2.00	TSX:TRQ	Turquoise Hill Resources Ltd.	4.78	(0.13)	(3)%	5.80	3.17
NYSE:HCLP	Hi-Crush Partners LP	31.08	(0.59)	(2)%	71.88	27.53	NYSE:SSLT	Vedanta Limited	11.00	(0.17)	(2)%	20.86	10.68
NasdaqGS:ZINC	Horsehead Holding Corp.	12.33	0.08	1%	21.02	11.88	NasdaqGM:WLB	Westmoreland Coal Co.	21.16	(1.00)	(5)%	45.19	21.14
TSX:HBM	HudBay Minerals, Inc.	10.60	(0.39)	(4)%	12.61	7.50	TSX:YRI	Yamana Gold, Inc.	3.76	(0.18)	(5)%	9.90	3.78
							NYSE:YZC	Yanzhou Coal Mining Co. Ltd.	8.00	(0.30)	(4)%	12.24	7.31

Source: Capital IQ and Haywood Securities



## **Upcoming Macroeconomic News**

United States						Relevance
06/29/2015         Pending Home Sales MoM         May         1.50%         3.40%         78           06/29/2015         Pending Home Sales NSA YOY         May         11.50%         13.40%         31           06/29/2015         Dallas Fed Manf. Activity         Jun         -16.9         -20.8         65           06/30/2015         SSMP/CS 20 City MoM SA         Apr         0.90%         0.95%         28           06/30/2015         SSMP/CS Composite-20 YOY         Apr         5.45%         5.04%         51           06/30/2015         SSMP/Case-Shiller US HPI MoM         Apr          0.12%         2           06/30/2015         SSMP/Case-Shiller US HPI NOY         Apr          0.12%         2           06/30/2015         SSMP/Case-Shiller US HPI NSA         Apr          168.03         33           06/30/2015         Chicago Purchasing Manager         Jun         97         95.4         95           06/30/2015         Chicago Purchasing Manager         Jun         97         95.4         95           07/01/2015         Challenger Job Cuts YoY         Jun          1.60%         92           07/01/2015         MBA Mortgage Applications         26-Jun	Date	Event	Period	Survey	Prior	(%)
06/29/2015         Pending Home Sales NSA YOY         May         11.50%         13.40%         31           06/29/2015         Dallas Fed Manf. Activity         Jun         -16.9         -20.8         65           06/30/2015         ISM Milwaukee         Jun          47.7         48.7           06/30/2015         S&P/CS 20 City Mom SA         Apr         0.99%         0.95%         28           06/30/2015         S&P/CSC 20 City Mom SA         Apr         0.99%         0.95%         28           06/30/2015         S&P/CSC 20 City Mom SA         Apr          1.75.2         55           06/30/2015         S&P/Case-Shiller US HPI MOM         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          4.14%         35           06/30/2015         Consumer Confidence Index         Jun         97          4.14%         35           06/30/2015         Consumer Confidence Index         Jun         97          16.0%         92           07/01/2015         MBA Mortgage Applications         26-Jun          16.0%         92           07/01/2015         MBA Mortgage Applications	United State	s				
06/29/2015         Dallas Fed Manf. Activity         Jun         -16.9         -20.8         65           06/30/2015         ISM Milwaukee         Jun          47.7         43           06/30/2015         S&P/CS 20 City MoM SA         Apr         0.90%         0.90%         28           06/30/2015         S&P/CS Composite - 20 VoY         Apr         5.45%         5.04%         51           06/30/2015         S&P/Case-Shiller US HPI MOM         Apr          1.75.2         55           06/30/2015         S&P/Case-Shiller US HPI NOY         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          4.14%         35           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Chicago Purchasing Manager         Jun         97.0         4.0         82           06/30/2015         Challenger Job Cuts YoY         Jun          1.60%         92           07/01/2015         Markit US Manufacturing PMI         Jun          -22.50%         80           07/01/2015         Markit US Manufacturing Jun         Jun         53.1	06/29/2015	Pending Home Sales MoM	May	1.50%	3.40%	78
06/30/2015         ISM Milwaukee         Jun          47.7         43           06/30/2015         S&P/CS 20 City MoM SA         Apr         0.90%         0.95%         28           06/30/2015         S&P/CS Composite-20 YoY         Apr         0.545%         5.04%         28           06/30/2015         S&P/Case-Shiller US HPI MoM         Apr          1.75.2         55           06/30/2015         S&P/Case-Shiller US HPI YOY         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          4.14%         35           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Chicago Purchasing Manager         Jun         97         95.4         95           06/30/2015         Challenger Job Cuts YoY         Jun          1.60%         92           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4	06/29/2015	Pending Home Sales NSA YoY	May	11.50%	13.40%	31
06/30/2015         S&P/CS 20 City MoM SA         Apr         0.90%         0.95%         28           06/30/2015         S&P/CS Composite-20 VoY         Apr         5.45%         5.04%         51           06/30/2015         S&P/Casee-Shiller US HPI MoM         Apr          175.2         55           06/30/2015         S&P/Case-Shiller US HPI NOM         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          4.14%         35           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Consumer Confidence Index         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         MBA Mortgage Applications         26-Jun	06/29/2015	Dallas Fed Manf. Activity	Jun	-16.9	-20.8	65
06/30/2015         S&P/CS Composite-20 YoY         Apr         5.45%         5.04%         51           06/30/2015         S&P/CaseShiller 20-City Index NSA         Apr          175.2         55           06/30/2015         S&P/Case-Shiller US HPI MOM         Apr          0.12%         2           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          4.14%         35           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Chicago Purchasing Manager         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.68.03         33           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         Markit US Manufacturing         Jun F         53.4         53.4         90           07/01/2015         ISM Manufacturing         Jun S <t< td=""><td>06/30/2015</td><td>ISM Milwaukee</td><td>Jun</td><td></td><td>47.7</td><td>43</td></t<>	06/30/2015	ISM Milwaukee	Jun		47.7	43
06/30/2015         S&P/CaseShiller 20-City Index NSA         Apr          175.2         55           06/30/2015         S&P/Case-Shiller US HPI MOM         Apr          0.12%         2           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          168.03         33           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Chilago Purchasing Manager         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         Markit US Manufacturing         Jun Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         53.	06/30/2015	S&P/CS 20 City MoM SA	Apr	0.90%	0.95%	28
06/30/2015         S&P/Case-Shiller US HPI MOM         Apr          0.12%         2           06/30/2015         S&P/Case-Shiller US HPI YOY         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          1.68.03         33           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Consumer Confidence Index         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         Markit US Manufacturing         Jun F         53.4         53.4         90           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M	06/30/2015	S&P/CS Composite-20 YoY	Apr	5.45%	5.04%	51
06/30/2015         S&P/Case-Shiller US HPI YOY         Apr          4.14%         35           06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          168.03         33           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Consumer Confidence Index         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         ISM Manufacturing MoM         May         0.60%         2.20%         80           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Wards Total Vehicle Sales         Jun         13.60M <td< td=""><td>06/30/2015</td><td>S&amp;P/CaseShiller 20-City Index NSA</td><td>Apr</td><td></td><td>175.2</td><td>55</td></td<>	06/30/2015	S&P/CaseShiller 20-City Index NSA	Apr		175.2	55
06/30/2015         S&P/Case-Shiller US HPI NSA         Apr          168.03         33           06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Consumer Confidence Index         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.66.09         92           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         ISM Manufacturing         Jun         53.1         53.2         80           07/01/2015         ISM Prices Paid         Jun         53.1         52.28         80           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0         0         0         07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39	06/30/2015	S&P/Case-Shiller US HPI MoM	Apr		0.12%	2
06/30/2015         Chicago Purchasing Manager         Jun         50.6         46.2         82           06/30/2015         Consumer Confidence Index         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         ISM Manufacturing MoM         May         0.60%         2.20%         80           07/01/2015         ISM Manufacturing         Jun         53.1         53.4         90           07/01/2015         ISM Manufacturing         Jun         53.1         49.5         73           07/01/2015         ISM Manufacturing         Jun         53.1         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0         0         70/12015         Revisions: U.S. Construction         0         0         07/01/2015         Wards Domestic Vehicle Sales </td <td>06/30/2015</td> <td>S&amp;P/Case-Shiller US HPI YoY</td> <td>Apr</td> <td></td> <td>4.14%</td> <td>35</td>	06/30/2015	S&P/Case-Shiller US HPI YoY	Apr		4.14%	35
06/30/2015         Consumer Confidence Index         Jun         97         95.4         95           07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         Challenger Job Cuts YoY         Jun          -2.2.50%         37           07/01/2015         ADP Employment Change         Jun         215.K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         ISM Manufacturing         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Domestic Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71	06/30/2015	S&P/Case-Shiller US HPI NSA	Apr		168.03	33
07/01/2015         MBA Mortgage Applications         26-Jun          1.60%         92           07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         ADP Employment Change         Jun         215K         201K         80           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         Construction Spending MoM         May         0.60%         2.20%         80           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         07/01/2015         49.5         73           07/01/2015         Wards Total Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Change in Private Payrolls         Jun         225K </td <td>06/30/2015</td> <td>Chicago Purchasing Manager</td> <td>Jun</td> <td>50.6</td> <td>46.2</td> <td>82</td>	06/30/2015	Chicago Purchasing Manager	Jun	50.6	46.2	82
07/01/2015         Challenger Job Cuts YoY         Jun          -22.50%         37           07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         90           07/01/2015         Construction Spending MoM         May         0.60%         2.20%         80           07/01/2015         ISM Manufacturing         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Wards Domestic Vebricle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Domestic Vebricle Sales         Jun         17.20M         17.71M         47           07/01/2015         Wards Domestic Vebricle Sales         Jun         17.20M         17.71M         47           07/01/2015         Wards Domestic Vebricle Sales         Jun         17.20M         17.71M         47           07/02/2015         Wards Domestic Vebricle Sales         Jun         17.20M         17.71M         47           07/02/2015         Wards Domestic Vebricle Sales         Jun         1	06/30/2015	Consumer Confidence Index	Jun	97	95.4	95
07/01/2015         ADP Employment Change         Jun         215K         201K         83           07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         Construction Spending MoM         May         0.60%         2.20%         80           07/01/2015         ISM Manufacturing         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0         0         0           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         49           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Change in Private Payrolls         Jun         5K         7K         69           07/02/2015         Change in Private Payrolls         Jun         5K	07/01/2015	MBA Mortgage Applications	26-Jun		1.60%	92
07/01/2015         Markit US Manufacturing PMI         Jun F         53.4         53.4         90           07/01/2015         Construction Spending MoM         May         0.60%         2.20%         80           07/01/2015         ISM Manufacturing         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Change in Nonfarm Payrolls         Jun         225K         262K         30           07/02/2015         Change in Private Payrolls         Jun         25K         262K         30           07/02/2015         Change in Manufact. Payrolls         Jun         54W         69           07/02/2015         Average Hourly Earnings MoM         Jun         5.40%         5.40%         58	07/01/2015	Challenger Job Cuts YoY	Jun		-22.50%	37
07/01/2015         Construction Spending MoM         May         0.60%         2.20%         80           07/01/2015         ISM Manufacturing         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0         0           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun         230K         280K         99           07/02/2015         Change in Private Payrolls         Jun         225K         262K         30           07/02/2015         Change in Pivate Payrolls         Jun         5K         7K         69           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Average Hourly Earnings MoM         Jun         5.40%         55%         89	07/01/2015	ADP Employment Change	Jun	215K	201K	83
07/01/2015         ISM Manufacturing         Jun         53.1         52.8         96           07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         225K         262K         30           07/02/2015         Change in Manufact. Payrolls         Jun         25K         262K         30           07/02/2015         Change in Manufact. Payrolls         Jun         5.40%         5.50%         89           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29 <td>07/01/2015</td> <td>Markit US Manufacturing PMI</td> <td>Jun F</td> <td>53.4</td> <td>53.4</td> <td>90</td>	07/01/2015	Markit US Manufacturing PMI	Jun F	53.4	53.4	90
07/01/2015         ISM Prices Paid         Jun         51.3         49.5         73           07/01/2015         Revisions: U.S. Construction         0         0           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         5K         7K         69           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.7         27/1k         98           07/02/2015         Average Weekly Hours All Employees         Jun <td< td=""><td>07/01/2015</td><td>Construction Spending MoM</td><td>May</td><td>0.60%</td><td>2.20%</td><td>80</td></td<>	07/01/2015	Construction Spending MoM	May	0.60%	2.20%	80
07/01/2015         Revisions: U.S. Construction         0           07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         49           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         5K         7K         69           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         29           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21	07/01/2015	ISM Manufacturing	Jun	53.1	52.8	96
07/01/2015         Wards Domestic Vehicle Sales         Jun         13.60M         13.95M         39           07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         5K         7K         69           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.30%         29           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         35         25           07/02/2015         Underemployment Rate         Jun	07/01/2015	ISM Prices Paid	Jun	51.3	49.5	73
07/01/2015         Wards Total Vehicle Sales         Jun         17.20M         17.71M         47           07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         25K         262K         36           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.7           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K           07/02/2015         Average Weekly Hours All Employees         Jun          10.80%         21           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K	07/01/2015	Revisions: U.S. Construction				0
07/02/2015         Change in Nonfarm Payrolls         Jun         230K         280K         99           07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         225K         262K         30           07/02/2015         Change in Manufact. Payrolls         Jun         5.40%         5.50%         89           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun          10.80%         21           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun	07/01/2015	Wards Domestic Vehicle Sales	Jun	13.60M	13.95M	39
07/02/2015         Two-Month Payroll Net Revision         Jun           10           07/02/2015         Change in Private Payrolls         Jun         225K         262K         30           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun	07/01/2015	Wards Total Vehicle Sales	Jun	17.20M	17.71M	47
07/02/2015         Change in Private Payrolls         Jun         225K         262K         30           07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         29           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         6           07/02/2015         ISM New York         Jun	07/02/2015	Change in Nonfarm Payrolls	Jun	230K	280K	99
07/02/2015         Change in Manufact. Payrolls         Jun         5K         7K         69           07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         2.37           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         66           07/02/2015         ISM New York         Jun <td>07/02/2015</td> <td>Two-Month Payroll Net Revision</td> <td>Jun</td> <td></td> <td></td> <td>10</td>	07/02/2015	Two-Month Payroll Net Revision	Jun			10
07/02/2015         Unemployment Rate         Jun         5.40%         5.50%         89           07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         271K         25           07/02/2015         Average Weekly Hours All Employees         Jun          10.80%         21           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         6           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -	07/02/2015	Change in Private Payrolls	Jun	225K	262K	30
07/02/2015         Average Hourly Earnings MoM         Jun         0.20%         0.30%         29           07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         6           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Change in Manufact. Payrolls	Jun	5K	7K	69
07/02/2015         Average Hourly Earnings YoY         Jun         2.30%         2.30%         27           07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         6           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Unemployment Rate	Jun	5.40%	5.50%	89
07/02/2015         Initial Jobless Claims         27-Jun         270K         271K         98           07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         66           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Average Hourly Earnings MoM	Jun	0.20%	0.30%	29
07/02/2015         Average Weekly Hours All Employees         Jun         34.5         34.5         25           07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         14.6         66           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         66           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Average Hourly Earnings YoY	Jun	2.30%	2.30%	27
07/02/2015         Underemployment Rate         Jun          10.80%         21           07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42-6         66           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Initial Jobless Claims	27-Jun	270K	271K	98
07/02/2015         Continuing Claims         20-Jun         2237K         2247K         69           07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         66           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Average Weekly Hours All Employees	Jun	34.5	34.5	25
07/02/2015         Change in Household Employment         Jun          272         22           07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         65           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Underemployment Rate	Jun		10.80%	21
07/02/2015         Labor Force Participation Rate         Jun          62.90%         11           07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         66           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Continuing Claims	20-Jun	2237K	2247K	69
07/02/2015         Bloomberg Consumer Comfort         28-Jun          42.6         66           07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87		Change in Household Employment	Jun		272	22
07/02/2015         ISM New York         Jun          54         15           07/02/2015         Factory Orders         May         -0.50%         -0.40%         87	07/02/2015	Labor Force Participation Rate	Jun		62.90%	11
07/02/2015 Factory Orders May -0.50% -0.40% 87	07/02/2015	Bloomberg Consumer Comfort	28-Jun		42.6	66
	07/02/2015	ISM New York	Jun		54	15
07/02/2015 Factory Orders Ex Trans May 0.00% 0		Factory Orders	May	-0.50%	-0.40%	87
	07/02/2015	Factory Orders Ex Trans	May		0.00%	0

					Relevance
Date	Event	Period	Survey	Prior	(%)
Canada					
06/29/2015	Industrial Product Price MoM	May		-0.90%	63
06/29/2015	Raw Materials Price Index MoM	May		3.80%	54
06/29/2015	Bloomberg Nanos Confidence	26-Jun		56.6	0
06/30/2015	GDP MoM	Apr		-0.20%	83
06/30/2015	GDP YoY	Apr		1.50%	34
07/02/2015	RBC Canadian Manufacturing PMI	Jun		49.8	90

Source: Bloomberg



## COMPARABLES TABLES

## **Precious Metals Comparables - Consensus Estimates**

			Shares	Market		Working		Enterprise									
Company	Symbol	Price	0/S	Capitalization	Cash	Capital	Debt	Value	2015E	2016E	Number of		Ratio	EV/CF		EV/EBITE	
			(millions)	(millions)	(millions)	(millions)	(millions)	(millions)	CFPS	CFPS	Estimates	2015E	2016E	2015E	2016E	2015E	2016E
Senior Precious Metals Producers																	
Agnico Eagle Mines Limited	TSX:AEM	C\$ 36.05	214.9	US\$ 6,268	US\$ 190	US\$ 550	US\$ 1,220	US\$ 6,938	US\$ 3.24	US\$ 3.51	11	9.0x	8.3x	9.9x	9.2x	8.3x	7.8x
AngloGold Ashanti Ltd.	NYSE:AU	C\$ 11.16	404.2	US\$ 3,650	US\$ 364	US\$ 1,040	US\$ 3,471	US\$ 6,081	US\$ 3.17	US\$ 3.78	6	2.9x	2.4x	4.8x	4.0x	4.2x	3.9x
Barrick Gold Corporation	TSX:ABX	C\$ 13.43	1165.0	US\$ 12,656	US\$ 2,258	US\$ 3,423	US\$ 12,326	US\$ 21,559	US\$ 2.11	US\$ 2.47	12	5.1x	4.4x	8.8x	7.5x	5.5x	5.1x
Compañía de Minas Buenaventura S.A.A.	NYSE:BVN	C\$ 12.93	254.2	US\$ 2,659	US\$ 135	US\$ 139		US\$ 2,520	US\$ 1.01	US\$ 1.53	3	10.4x	6.8x	9.8x	6.5x	6.1x	4.7x
Eldorado Gold Corporation	TSX:ELD	C\$ 4.94	715.3	US\$ 2,859	US\$ 504	US\$ 615	US\$ 588	US\$ 2,831	US\$ 0.32	US\$ 0.49	15	12.3x	8.2x	12.2x	8.1x	9.7x	7.2x
Fresnillo PLC	LSE:FRES	C\$ 13.59	736.9	US\$ 8,098	US\$ 449	US\$ 1,038	US\$ 796	US\$ 7,856	US\$ 0.71	US\$ 0.96	8	15.5x	11.4x	15.0x	11.1x	12.1x	7.7x
Gold Fields Ltd.	NYSE:GFI	C\$ 3.94	774.6	US\$ 2,472	US\$ 402	US\$ 387	US\$ 1,827	US\$ 3,911	US\$ 0.95	US\$ 1.17	6	3.3x	2.7x	5.3x	4.3x	4.0x	3.5x
Goldcorp Inc.	TSX:G	C\$ 20.32	830.0	US\$ 13,643	US\$ 420	US\$ 831	US\$ 3,670	US\$ 16,482	US\$ 1.91	US\$ 2.35	16	8.6x	7.0x	10.4x	8.5x	8.6x	7.2x
Kinross Gold Corporation	TSX:K	C\$ 2.87	1146.3	US\$ 2,661	US\$ 1,045	US\$ 2,022	US\$ 1,986	US\$ 2,625	US\$ 0.76	US\$ 0.81	17	3.0x	2.9x	3.0x	2.8x	2.7x	2.6x
Newcrest Mining Limited	ASX:NCM	C\$ 12.26	766.4	US\$ 7,602	US\$ 105	US\$ 295	US\$ 3,287	US\$ 10,595	US\$ 1.20	US\$ 1.59	5	8.3x	6.2x	11.5x	8.7x	8.5x	6.6x
Newmont Mining Corporation	NYSE:NEM	C\$ 29.46	528.8	US\$ 12,602	US\$ 2,637	US\$ 3,317	US\$ 6,221	US\$ 15,506	US\$ 4.50	US\$ 4.29	8	5.3x	5.6x	6.5x	6.8x	5.4x	5.3x
Randgold Resources Limited	LSE:RRS	C\$ 85.13	93.2	US\$ 6,416	US\$ 143	US\$ 288	US\$3	US\$ 6,130	US\$ 4.52	US\$ 5.68	6	15.2x	12.1x	14.6x	11.6x	13.5x	10.8x
Yamana Gold, Inc.	TSX:YRI	C\$ 3.73	945.1	US\$ 2,852	US\$ 241	US\$ 53	US\$ 1,817	US\$ 4,616	US\$ 0.62	US\$ 0.77	13	4.8x	3.9x	7.8x	6.3x	6.5x	5.7x
Group Average - Senior Producers												8.0x	6.3x	9.2x	7.3x	7.3x	6.0x
Group Average - Senior Producers (excl	uding high/low	r)										7.8x	6.1x	9.2x	7.4x	7.2x	5.9x
Intermediate Precious Metals Producers																	
Acacia Mining plc	LSE:ACA	C\$ 5.98	410.1	US\$ 1,984	US\$ 294	US\$ 457		US\$ 1,527	US\$ 0.70	US\$ 0.93	9	6.9x	5.2x	5.3x	4.0x	4.9x	3.6x
Alacer Gold Corp.	TSX:ASR	C\$ 2.97	290.9	US\$ 699	US\$ 350	US\$ 395		US\$ 304	US\$ 0.39	US\$ 0.24	10	6.2x	10.1x	2.7x	4.4x	2.8x	4.3x
Alamos Gold Inc.	TSX:AGI	C\$ 7.03	127.4	US\$ 724	US\$ 352	US\$ 406		US\$ 319	US\$ 0.38	US\$ 0.61	13	15.1x	9.4x	6.6x	4.1x	8.0x	5.7x
AuRico Gold Inc.	TSX:AUQ	C\$ 3.54	281.7	US\$ 807	US\$ 91	US\$ 129	US\$ 306	US\$ 983	US\$ 0.31	US\$ 0.48	12	9.1x	6.0x	11.1x	7.3x	9.7x	6.5x
B2Gold Corp.	TSX:BTO	C\$ 1.94	925.1	US\$ 1,452	US\$ 128	US\$ 143	US\$ 370	US\$ 1,678	US\$ 0.22	US\$ 0.27	16	7.3x	5.8x	8.4x	6.7x	7.6x	5.8x
Centamin Plc	LSE:CEY	C\$ 1.22	1142.3	US\$ 1,125	US\$ 164	US\$ 296	-	US\$ 829	US\$ 0.17	US\$ 0.20	7	5.9x	4.9x	4.3x	3.6x	4.3x	3.4x
Centerra Gold Inc.	TSX:CG	C\$ 7.34	236.5	US\$ 1,404	US\$ 544	US\$ 846		US\$ 558	US\$ 1.24	US\$ 1.18	7	4.8x	5.0x	1.9x	2.0x	1.7x	1.8x
Detour Gold Corporation	TSX:DGC	C\$ 14.40	170.6	US\$ 1,987	US\$ 118	US\$ 167	US\$ 413	US\$ 2,233	US\$ 0.98	US\$ 1.43	17	11.8x	8.1x	13.3x	9.1x	12.2x	8.5x
Dundee Precious Metals Inc.	TSX:DPM	C\$ 2.58	140.6	US\$ 293	US\$ 17	US\$ 71	US\$ 142	US\$ 364	US\$ 0.56	US\$ 0.62	6	3.8x	3.3x	4.7x	4.2x	4.6x	3.3x
Harmony Gold Mining Company Limited	NYSE:HMY	C\$ 1.67	434.5	US\$ 587	US\$ 58	US\$ 105	US\$ 236	US\$ 717	US\$ 0.22	US\$ 0.46	3	6.2x	2.9x	7.6x	3.6x	4.2x	2.7x
Hecla Mining Co.	NYSE:HL	C\$ 3.42	370.3	US\$ 1,026	US\$ 196	US\$ 220	US\$ 499	US\$ 1,305	US\$ 0.29	US\$ 0.39	6	9.6x	7.1x	12.2x	9.1x	9.7x	8.1x
IAMGOLD Corp.	TSX:IMG	C\$ 2.68	391.4	US\$ 848	US\$ 730	US\$ 868	US\$ 637	US\$ 617	US\$ 0.56	US\$ 0.62	15	3.9x	3.5x	2.8x	2.5x	2.4x	2.0x
New Gold, Inc.	TSX:NGD	C\$ 3.50	509.1	US\$ 1,441	US\$ 366	US\$ 497	US\$ 877	US\$ 1,822	US\$ 0.53	US\$ 0.55	16	5.4x	5.2x	6.8x	6.6x	6.2x	5.6x
Nord Gold N.V.	LSE:NORD	C\$ 3.94	375.3	US\$ 1,195	US\$ 423	US\$ 626	US\$ 938	US\$ 1,507	US\$ 0.82	US\$ 0.61	2	3.9x	5.2x	4.9x	6.6x	3.4x	4.0x
SEMAFO Inc.	TSX:SMF	C\$ 3.57	294.1	US\$ 849	US\$ 115	US\$ 128	US\$ 59	US\$ 780	US\$ 0.45	US\$ 0.45	13	6.5x	6.4x	5.9x	5.8x	5.3x	5.2x
Group Average - Intermediate Producers	3											7.1x	5.9x	6.6x	5.3x	5.8x	4.7x
Group Average - Intermediate Producers	excluding high	gh/low)										6.7x	5.8x	6.4x	5.3x	5.6x	4.6x
Junior Precious Metals Producers																	
Argonaut Gold Inc.	TSX:AR	C\$ 1.68	154.1	US\$ 209	US\$ 64.1	US\$ 123.1	US\$ 2.5	US\$ 88.8	US\$ 0.34	US\$ 0.42	9	4.0x	3.2x	1.7x	1.4x	1.6x	1.2x
AT NA Resources Ltd.	TSX:ATN	C\$ 0.11	209.1	US\$ 19	US\$ 1.6	US\$ (7.1)	US\$ 1.1	US\$ 26.8	US\$ 0.06	US\$ 0.04	1	1.5x	2.3x	2.2x	3.3x	1.9x	2.1x
Endeavour Mining Corporation	TSX:EDV	C\$ 0.62	413.8	US\$ 208	US\$ 56.4	US\$ 47.0	US\$ 284.6	US\$ 445.1	US\$ 0.33	US\$ 0.32	6	1.5x	1.6x	3.3x	3.4x	2.8x	2.4x
Golden Star Resources, Ltd.	TSX:GSC	C\$ 0.38	259.9	US\$ 80	US\$ 24.2	US\$ (31.6)	US\$ 99.7	US\$ 211.2	(US\$ 0.00)	US\$ 0.03	3		10.2x		27.1x	8.3x	5.5x
Highland Gold Mining Ltd.	AIM:HGM	C\$ 0.96	325.2	US\$ 253	US\$ 55.9	US\$ (14.5)	US\$ 145.4	US\$ 412.7	US\$ 0.32	US\$ 0.32	2	2.4x	2.4x	4.0x	4.0x	2.9x	2.6x
Kirkland Lake Gold Inc.	TSX:KGI	C\$ 5.66	80.4	US\$ 368	US\$ 34.7	US\$ 28.6	US\$ 87.1	US\$ 426.5	US\$ 0.83	US\$ 1.08	8	5.5x	4.3x	6.4x	4.9x	7.1x	4.1x
Lake Shore Gold Corp.	TSX:LSG	C\$ 1.31	435.6	US\$ 462	US\$ 55.9	US\$ 48.5	US\$ 70.5	US\$ 483.6	US\$ 0.19	US\$ 0.22	10	5.5x	4.9x	5.8x	5.1x	5.3x	5.1x
Luna Gold Corp.	TSX:LGC	C\$ 0.09	141.5	US\$ 10	US\$ 5.1	US\$ (25.8)	US\$ 0.0	US\$ 35.5	(US\$ 0.01)	(US\$ 0.01)	1						
McEwen Mining Inc.	TSX:MUX	C\$ 1.17	300.5	US\$ 284	US\$ 18.5	US\$ 21.2	US\$ 0.0	US\$ 263.2	US\$ 0.08	US\$ 0.08	1	11.8x	11.8x	10.9x	10.9x	19.2x	5.3x
OceanaGold Corporation	ASX:OGC	C\$ 2.97	303.4	US\$ 728	US\$ 59.6	US\$ 90.8	US\$ 75.0	US\$ 712.7	US\$ 0.59	US\$ 0.57	12	4.0x	4.2x	4.0x	4.1x	3.2x	3.3x
Primero Mining Corp.	TSX:P	C\$ 5.06	162.2	US\$ 664	US\$ 57.6	US\$ 15.6	US\$ 66.8	US\$ 715.2	US\$ 0.56	US\$ 0.79	16	7.3x	5.2x	7.9x	5.5x	6.8x	5.0x
Perseus Mining Limited	TSX:PRU	C\$ 0.40	526.7	US\$ 170	US\$ 59.3	US\$ 113.5	US\$ 0.0	US\$ 56.9	US\$ 0.05	US\$ 0.06	1	7.1x	5.8x	2.4x	1.9x	1.0x	1.1x
Richmont Mines Inc.	TSX:RIC	C\$ 3.93	57.9	US\$ 184	US\$ 55.8	US\$ 57.0	US\$ 4.1	US\$ 131.3	US\$ 0.31	US\$ 0.46	4	10.1x	6.8x	7.2x	4.9x	6.8x	3.6x
Teranga Gold Corporation	TSX:TGZ	C\$ 0.75	352.8	US\$ 214	US\$ 38.9	US\$ 38.6	US\$ 0.0	US\$ 175.5	US\$ 0.20	US\$ 0.23	8	3.0x	2.6x	2.5x	2.2x	1.8x	1.6x
Timmins Gold Corp.	TSX:TMM	C\$ 0.73	285.0	US\$ 168	US\$ 25.0	US\$ 47.9	US\$ 0.7	US\$ 121.1	US\$ 0.11	US\$ 0.09	12	5.5x	6.7x	3.9x	4.8x	4.2x	3.9x
Group Average - Junior Producers						·						5.3x	5.1x	4.8x	6.0x	5.2x	3.3x
Group Average - Junior Producers (excl	uding high/low	r)										3.9x	4.6x	2.0x	4.3x	4.1x	3.2x
All data sourced from Capital IQ														-			

Source: Capital IQ and Haywood Securities



## Other Precious Metals Comparables - Consensus Estimates

			Shares	Market		Working		Enterprise									
Company	Symbol	Price	O/S (millions)	Capitalization (millions)	Cash (millions)	Capital (millions)	Debt (millions)	Value (millions)	2015E CFPS	2016E CFPS	Number of Estimates	P/CF 2015E	Ratio 2016E	EV/CF 2015E	Ratio 2016E	EV/EBIT	DA Ratio 2016E
PGM Producers			(IIIIIIIIII)	(iiiiiioiis)	(iiiiiioiis)	(IIIIIIOII3)	(illinions)	(IIIIIIOIIS)	0.10	0.10	Loumateo	20102	20102	20102	20102	20102	20102
Impala Platinum Holdings Ltd.	JSE:IMP	C\$ 5.74	607.1	US\$ 2,817	US\$ 235	US\$ 710	US\$ 620	US\$ 2,727	US\$ 0.40	US\$ 0.83	8	11.5x	5.6x	11.2x	5.4x	8.2x	4.1x
Lonmin plc	LSE:LMI	C\$ 2.30	584.0	US\$ 1,088	US\$ 60	US\$ 622	US\$ 262	US\$ 728	US\$ 0.22	US\$ 0.40	8	8.5x	4.7x	5.7x	3.1x	5.8x	2.8x
Stillwater Mining Company	NYSE:SWC	C\$ 14.62	120.7	US\$ 1,428	US\$ 541	US\$ 625	US\$ 298	US\$ 1,101	US\$ 0.95	US\$ 1.23	3	12.4x	9.6x	9.6x	7.4x	6.2x	5.0x
North American Palladium Ltd.	TSX:PDL	C\$ 0.04	393.7	US\$ 13	US\$8	(US\$ 153)	US\$ 30	US\$ 195	-	-	0						
Group Average - PGM Producers						,						10.8x	6.6x	8.8x	5.3x	6.7x	3.9x
Group Average - PGM Producers (e.	cluding high/low)											11.5x	5.6x	9.6x	5.4x	6.2x	4.1x
Silver Producers																	
Aurcana Corporation	TSXV:AUN	C\$ 0.24	84.6	US\$ 16	US\$ 1	(US\$ 13)	US\$ 24	US\$ 53	US\$ 0.12	US\$ 0.28	1	1.6x	0.7x	5.2x	2.2x		1.3x
Coeur Mining, Inc.	NYSE:CDE	C\$ 6.96	136.0	US\$ 765	US\$ 180	US\$ 298	US\$ 437	US\$ 904	US\$ 0.43	US\$ 0.71	5	13.1x	7.9x	15.5x	9.4x	11.3x	7.8x
Endeavour Silver Corp.	TSX:EDR	C\$ 2.50	102.0	US\$ 206	US\$ 27	US\$ 26	-	US\$ 180	US\$ 0.35	US\$ 0.48	6	5.8x	4.2x	5.1x	3.7x	4.5x	3.2x
First Majestic Silver Corp.	TSX:FR	C\$ 6.08	117.6	US\$ 578	US\$ 25	(US\$ 13)	US\$ 21	US\$ 612	US\$ 0.61	US\$ 0.86	8	8.0x	5.7x	8.5x	6.1x	7.8x	5.0x
Fortuna Silver Mines Inc.	TSX:FVI	C\$ 4.57	129.0	US\$ 477	US\$ 77	US\$ 86	-	US\$ 391	US\$ 0.35	US\$ 0.48	8	10.7x	7.7x	8.8x	6.3x	6.8x	5.3x
Hecla Mining Co.	NYSE:HL	C\$ 3.42	370.3	US\$ 1,026	US\$ 196	US\$ 220	US\$ 499	US\$ 1,305	US\$ 0.29	US\$ 0.39	6	9.6x	7.1x	12.2x	9.1x	9.7x	8.1x
Mandalay Resources Corp.	TSX:MND	C\$ 0.96	409.3	US\$ 318	US\$ 52	US\$ 29	US\$ 2	US\$ 290	US\$ 0.18	US\$ 0.21	5	4.3x	3.8x	4.0x	3.4x	3.6x	3.1x
Pan American Silver Corp.	TSX:PAA	C\$ 11.04	151.6	US\$ 1,354	US\$ 292	US\$ 488	US\$ 21	US\$ 887	US\$ 0.71	US\$ 0.97	9	12.6x	9.2x	8.3x	6.0x	7.1x	5.7x
Silver Standard Resources Inc.	TSX:SSO	C\$ 7.73	80.8	US\$ 505	US\$ 267	US\$ 358	US\$ 200	US\$ 346	US\$ 0.97	US\$ 0.76	6	6.4x	8.2x	4.4x	5.6x	3.9x	4.0x
Silvercorp Metals Inc.	TSX:SVM	C\$ 1.34	170.9	US\$ 185	US\$ 70	US\$ 48	-	US\$ 137	US\$ 0.28	US\$ 0.11	2	3.9x	9.9x	2.9x	7.3x	4.3x	4.9x
Tahoe Resources Inc.	TSX:THO	C\$ 15.77	223.7	US\$ 2,854	US\$ 86	US\$ 66	-	US\$ 2,788	US\$ 1.12	US\$ 1.21	8	11.4x	10.5x	11.1x	10.3x	10.3x	8.4x
Group Average - Silver Producers												7.9x	6.8x	7.8x	6.3x	6.9x	5.2x
Group Average - Silver Producers (e	excluding high/low	)										8.1x	7.1x	7.5x	6.3x	6.8x	5.2x
Diamond Producers																	
Dominion Diamond Corporation	NYSE:DDC	C\$ 18.21	85.2	US\$ 1,256	US\$ 368	US\$ 697	US\$ 34	US\$ 593	US\$ 3.72	US\$ 2.64	4	4.0x	5.6x	1.9x	2.6x	1.5x	1.7x
Lucara Diamond Corp.	TSX:LUC	C\$ 2.04	379.5	US\$ 626	US\$ 88	US\$ 103	-	US\$ 524	US\$ 0.24	US\$ 0.24	5	6.9x	6.7x	5.8x	5.6x	4.0x	3.2x
Group Average - Diamond Produce	'S											5.4x	6.2x	3.8x	4.1x	2.8x	2.5x
Royalty Companies																	
Anglo Pacific Group plc	LSE:APF	C\$ 1.76	169.0	US\$ 240	US\$ 14	US\$ 16	-	US\$ 224	US\$ 0.07	US\$ 0.11	5	19.6x	12.6x	18.2x	11.7x	18.2x	9.8x
Franco-Nevada Corporation	TSX:FNV	C\$ 59.83	156.7	US\$ 7,581	US\$ 599	US\$ 671	-	US\$ 6,910	US\$ 2.04	US\$ 2.15	11	23.7x	22.5x	21.6x	20.5x	20.1x	19.3x
Gold Royalties Corporation	TSXV:GRO	C\$ 0.19	28.7	US\$ 4	US\$ 2	US\$ 2	-	US\$ 3	-		-			-			
Osisko Gold Royalties Ltd.	TSX:OR	C\$ 16.25	94.3	US\$ 1,239	US\$ 282	US\$ 280	-	US\$ 959	US\$ 0.31	US\$ 0.41	9	42.5x	32.2x	32.9x	24.9x	39.9x	25.1x
Royal Gold, Inc.	US:RGLD	C\$ 77.21	65.2	US\$ 4,073	US\$ 715	US\$ 734	US\$ 319	US\$ 3,659	US\$ 2.62	US\$ 3.47	9	23.8x	18.0x	21.4x	16.2x	16.5x	13.3x
Sandstorm Gold Ltd.	TSX:SSL	C\$ 3.73	118.5	US\$ 358	US\$ 38	US\$ 38	-	US\$ 319	US\$ 0.31	US\$ 0.32	8	9.9x	9.3x	8.8x	8.3x	8.9x	8.6x
Silver Wheaton Corp.	US:RGLD	C\$ 21.83	404.1	US\$ 7,136	US\$ 88	US\$ 53	US\$ 800	US\$ 7,883	US\$ 2.62	US\$ 3.47	13	6.7x	5.1x	7.4x	5.6x	17.3x	13.6x
Group Average - Royalty Companie	s											21.0x	16.6x	18.4x	14.5x	20.2x	15.0x
Group Average - Royalty Companie		ow)										19.2x	15.6x	17.5x	14.2x	18.0x	14.0x
I data coursed from Canital IO		. ,															

All data sourced from Capital IQ

Source: Capital IQ and Haywood Securities



## **Base Metals Comparables - Consensus Estimates**

			Shares	Market		Working		Enterprise									
Company	Symbol	Price	O/S	Capitalization	Cash	Capital	Debt	Value	2015E	2016E	Number of		Ratio		Ratio		DA Ratio
			(millions)	(millions)	(millions)	(millions)	(millions)	(millions)	CFPS	CFPS	Estimates	2015E	2016E	2015E	2016E	2015E	2016E
Large-Cap Base Metals Producers																	
Anglo American plc	LSE:AAL	C\$ 18.68	1401.8	US\$ 21,179	US\$ 6,852	US\$ 7,581	US\$ 16,892	US\$ 30,490	US\$ 3.74	US\$ 4.22	10	4.0x	3.6x	5.8x	5.2x	4.9x	4.4x
Antofagasta plc	LSE:ANTO	C\$ 13.87	985.9	US\$ 11,059	US\$ 2,375	US\$ 2,498	US\$ 2,054	US\$ 10,615	US\$ 1.37	US\$ 1.55	10	8.2x	7.2x	7.9x	6.9x	5.5x	4.6x
BHP Billiton Limited	ASX:BHP	C\$ 26.00	5321.5	US\$ 111,919	US\$ 6,211	US\$ 5,551	US\$ 28,610	US\$ 134,978	US\$ 3.17	US\$ 3.08	6	6.6x	6.8x	8.0x	8.2x	5.6x	6.9x
First Quantum Minerals Ltd.	TSX:FM	C\$ 17.10	689.0	US\$ 9,530	US\$ 302	US\$ 1,627	US\$ 6,261	US\$ 14,164	US\$ 1.62	US\$ 2.86	20	8.5x	4.8x	12.7x	7.2x	12.3x	6.1x
Freeport-McMoRan Inc.	NYSE:FCX	C\$ 24.65	1040.0	US\$ 20,530	US\$ 549	US\$ 4,444	US\$ 19,754	US\$ 35,840	US\$ 5.34	US\$ 6.55	6	3.7x	3.0x	6.5x	5.3x	6.5x	3.9x
Glencore Plc	LSE:GLEN	C\$ 5.19	12927.5	US\$ 54,252	US\$ 3,128	US\$ 9,272	US\$ 40,263	US\$ 85,243	US\$ 0.81	US\$ 0.80	9	5.2x	5.3x	8.1x	8.3x	7.5x	6.3x
KGHM Polska Miedz Spólka Akcyjna	WSE:KGH	C\$ 36.64	200.0	US\$ 5,927	US\$ 251	US\$ 472	US\$ 1,040	US\$ 6,495	US\$ 5.77	US\$ 5.17	5	5.1x	5.7x	5.6x	6.3x	4.7x	4.5x
Rio Tinto plc	LSE:RIO	C\$ 52.72	1828.1	US\$ 77,956	US\$ 12,580	US\$ 8,545	US\$ 22,362	US\$ 91,773	US\$ 5.60	US\$ 6.23	11	7.6x	6.8x	9.0x	8.1x	7.3x	6.4x
Teck Resources Limited	TSX:TCK.B	C\$ 13.00	576.3	US\$ 6,135	US\$ 1,238	US\$ 2,046	US\$ 6,906	US\$ 10,994	US\$ 2.78	US\$ 3.21	19	3.8x	3.3x	6.9x	5.9x	5.3x	4.7x
Vale S.A	NYSE:VALE	C\$ 7.70	5153.4	US\$ 30,146	US\$ 3,843	US\$ 7,696	US\$ 28,684	US\$ 51,135	US\$ 1.00	US\$ 1.40	8	6.2x	4.4x	9.9x	7.1x	7.3x	5.6x
Group Average - Large-Cap Producers	3											5.9x	5.1x	8.0x	6.8x	6.7x	5.3x
Group Average - Large-Cap Producers	(excluding high	low)										5.8x	5.1x	7.7x	6.9x	6.2x	5.3x
Mid Tier Base Metals Producers																	
Capstone Mining Corp.	TSX:CS	C\$ 1.24	382.0	US\$ 383	US\$ 123	US\$ 194	US\$ 298	US\$ 488	US\$ 0.24	US\$ 0.47	19	4.1x	2.1x	5.2x	2.7x	4.4x	2.2x
Cliffs Natural Resources Inc.	NYSE:CLF	C\$ 5.75	153.3	US\$ 713	US\$ 356	US\$ 678	US\$ 2,881	US\$ 2,916	US\$ 0.83	US\$ 1.33	4	5.6x	3.5x	23.0x	14.3x	8.1x	7.2x
HudBay Minerals, Inc.	TSX:HBM	C\$ 10.62	235.2	US\$ 2,021	US\$ 97	US\$ 25	US\$ 1,068	US\$ 3,064	US\$ 1.28	US\$ 2.04	16	6.7x	4.2x	10.2x	6.4x	7.4x	4.4x
Imperial Metals Corp.	TSX:III	C\$ 10.66	75.0	US\$ 646	US\$ 5	(US\$ 28)	US\$ 636	US\$ 1,310	(US\$ 0.02)	US\$ 1.42	7		6.1x		12.3x	24.6x	6.8x
KAZ Minerals plc	LSE:KAZ	C\$ 4.19	446.1	US\$ 1,512	US\$ 2,130	US\$ 1,858	US\$ 2,911	US\$ 2,565	US\$ 0.24	US\$ 0.56	5	14.0x	6.0x	23.7x	10.2x	14.7x	6.9x
Lundin Mining Corporation	TSX:LUN	C\$ 5.33	719.3	US\$ 3,101	US\$ 355	US\$ 592	US\$ 982	US\$ 3,492	US\$ 1.01	US\$ 0.94	20	4.3x	4.6x	4.8x	5.1x	3.7x	4.1x
MMG Limited	HKSE:1208	C\$ 0.44	5290.1	US\$ 1,897	US\$ 278	US\$ 405	US\$ 8,092	US\$ 9,584	US\$ 0.13	US\$ 0.22	1	2.9x	1.7x	14.5x	8.3x	13.1x	4.2x
Nevsun Resources Ltd.	TSX:NSU	C\$ 4.91	199.7	US\$ 793	US\$ 443	US\$ 517	-	US\$ 276	US\$ 0.65	US\$ 0.43	10	6.1x	9.1x	2.1x	3.2x	1.4x	1.9x
Nyrstar NV	ENXT BR:NYR	C\$ 4.61	327.4	US\$ 1,222	US\$ 620	US\$ 213	US\$ 1,041	US\$ 2,050	US\$ 0.88	US\$ 1.39	9	4.2x	2.7x	7.1x	4.5x	4.5x	3.3x
OZ Minerals Limited	ASX:OZL	C\$ 4.00	303.5	US\$ 982	US\$ 179	US\$ 334	-	US\$ 648	US\$ 1.04	US\$ 1.16	7	3.1x	2.8x	2.1x	1.8x	2.1x	1.9x
Sherritt International Corporation	TSX:S	C\$ 2.10	293.6	US\$ 499	US\$ 377	US\$ 555	US\$ 1,551	US\$ 1,495	US\$ 0.35	US\$ 0.72	6	4.8x	2.4x	14.5x	7.1x	17.6x	4.7x
Turquoise Hill Resources Ltd.	TSX:TRQ	C\$ 4.79	2012.3	US\$ 7,797	US\$ 954	US\$ 1,300	-	US\$ 6,497	US\$ 0.34	US\$ 0.17	6	11.6x	22.4x	9.6x	18.7x	10.7x	23.0x
Vedanta Resources plc	LSE:VED	C\$ 11.02	268.8	US\$ 2,395	US\$ 8,210	US\$ 3,529	US\$ 13,489	US\$ 12,355	US\$ 8.83	US\$ 11.76	6	1.0x	0.8x	5.2x	3.9x	3.2x	3.5x
Western Areas Limited	ASX:WSA	C\$ 3.22	232.3	US\$ 606	US\$ 146	US\$ 50	-	US\$ 556	US\$ 0.55	US\$ 0.73	7	4.7x	3.6x	4.3x	3.3x	4.5x	3.0x
Group Average - Mid Tier Producers												5.6x	5.1x	9.7x	7.3x	8.6x	5.5x
Group Average - Mid Tier Producers (e	excluding high/lo	w)										4.9x	4.1x	8.6x	6.8x	7.8x	4.4x
Small Cap Base Metals Producers																	
Amerigo Resources Ltd.	TSX:ARG	C\$ 0.43	173.6	US\$ 60	US\$ 14	US\$ 15	US\$ 24	US\$ 69	US\$ 0.06	US\$ 0.26	US\$ 2.00	5.8x	1.4x	6.6x	1.6x	•	
Copper Mountain Mining Corporation	TSX:CUM	C\$ 1.22	118.8	US\$ 117	US\$ 12	US\$ 14	US\$ 281	US\$ 385	US\$ 0.41	US\$ 0.57	15	2.4x	1.7x	7.9x	5.7x	7.1x	4.9x
Taseko Mines Ltd.	TSX:TKO	C\$ 0.65	221.8	US\$ 117	US\$ 47	US\$ 60	US\$ 236	US\$ 292	US\$ 0.14	US\$ 0.23	7	3.7x	2.3x	9.2x	5.7x	7.3x	4.5x
Thompson Creek Metals Company Inc.	TSX:TCM	C\$ 1.03	220.9	US\$ 184	US\$ 238	US\$ 244	US\$ 865	US\$ 805	US\$ 0.30	US\$ 0.45	11	2.8x	1.9x	12.3x	8.1x	5.5x	4.0x
Trevali Mining Corporation	TSX:TV	C\$ 0.92	316.9	US\$ 236	US\$ 14	US\$ 18	US\$ 54	US\$ 272	US\$ 0.10	US\$ 0.22	8	7.6x	3.3x	8.8x	3.8x	6.9x	3.2x
											-		• • • • • • • • • • • • • • • • • • • •		••••		
Group Average - Small Cap Producers												4.5x	2.1x	9.0x	5.0x	6.7x	4.1x
Group Average - Small Cap Producers		low)										4.1x	2.0x	8.6x	5.1x	6.5x	3.9x
	_ 2																

All data sourced from Capital IQ



# Iron Comparables - Consensus Estimates

		Bloomberg			Shares	Market	Daily				Enterprise	e CFPS (LoC)		C)		P/CFPS			P/EPS		[	EV/EBIT D	Α
		Consensus	Implied		Outstanding	Capitalization	Volume	Weekly		Debt	Value												
Company (Ticker)	Share Price	Target	Return	β	(millions)	(millions)	(millions)	Liquidity	WACC	(millions)	(millions)	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
Diversified Mining Houses																							
VALE SA (VALE3-BZ)	R\$ 19.62	R\$ 24.73	26.0%	0.90	3,217	R\$ 96,974	7.4	0.6%	16.6%	R\$ 76,517	R\$ 180,224	3.11	4.21	5.63	6.3x	4.7x	3.5x		21.3x	9.6x	8.3x	6.4x	4.8x
BHP BILLIT ON (BHP-AU)	A\$ 27.50	A\$ 30.74	11.8%	1.32	3,212	A\$ 144,822	9.0	1.5%	10.5%	A\$ 34,589	A\$ 142,225	4.40	3.66	4.15	6.3x	7.5x	6.6x	14.8x	19.9x	14.8x	6.0x	7.2x	6.1x
RIO TINTO (RIO-AU)	A\$ 54.08	A\$ 61.27	13.3%	1.07	424	A\$ 101,118	2.4	2.7%	7.1%	A\$ 25,248	A\$ 98,398	7.35	7.24	8.53	7.4x	7.5x	6.3x	16.4x	14.3x	11.4x	7.8x	7.0x	6.2x
Group Average - Diversifed Mining														Avg>	6.6x	6.5x	5.5x	15.6x	18.5x	11.9x	7.4x	6.9x	5.7x
Producers																							
KUMBA IRON (KIO-SJE)	ZAR 15,781	ZAR 13,529	(14.3)%	1.17	322	ZAR 50,828	0.9	0.8%	10.8%	ZAR 9,593	ZAR 64,994	1843	1584	1473	8.6x	10.0x	10.7x	11.8x	14.8x	11.1x	5.5x	6.3x	5.8x
FORTESCUE METALS (FMG-AU)	A\$ 1.99	A\$ 1.91	(4.1)%	1.39	3,114	A\$ 6,196	28.1	2.5%	7.5%	A\$ 9,557	A\$ 12,235	0.47	0.50	0.64	4.2x	3.9x	3.1x	21.6x		19.9x	5.5x	6.5x	5.6x
CLIFFS NATURAL (CLF-US)	US\$ 4.65	US\$ 4.77	2.6%	1.26	153	US\$ 713	9.3	20.6%	4.4%	US\$ 3,059	US\$ 4,274	0.83	1.20	1.73	5.6x	3.9x	2.7x		33.0x	12.6x	12.3x	11.3x	10.2x
MMX MINERACAO (MMXM3-BRZ)	R\$ 0.52			0.62	162	R\$ 84	0.4	0.5%	16.0%	R\$ 99	R\$ 204												
FERREXPO PLC (FXPO-LSE)	GBp 70	GBp 75.08	8.0%	1.29	589	GBp 409	0.8	1.1%	5.1%	GBp 1,305	GBp 1,341	21.03	20.71	20.83	3.3x	3.4x	3.3x	10.8x	20.4x	17.8x	6.1x	7.2x	7.4x
MOUNT GIBSON (MGX-AU)	A\$ 0.21	A\$ 0.24	15.0%	0.88	1,091	A\$ 229	5.1	1.9%	9.1%	A\$ 9	A\$ 163	(0.06)	(0.03)	0.00									
GRANGE RESOURCES (GRR-AU)	A\$ 0.12	A\$ 0.10	(16.7)%	1.04	1,157	A\$ 139	1.3	0.4%	10.4%	A\$ 1	A\$(14)	(0.01)	(0.02)	0.01			10.0x			24.0x			
NORTHERN IRON (NFE-AU)	A\$ 0.01			0.85	484	A\$ 5	0.5	0.4%	4.2%	A\$ 66	A\$ 63												
BC IRON (BCI-AU)	A\$ 0.32	A\$ 0.39	24.9%	1.78	196	A\$ 62	2.6	2.4%	12.1%	A\$ 52	A\$(6)	0.03	0.06	0.07	12.1x	5.2x	4.5x				0.3x		
Group Average - Producers														Avg>	5.4x	5.3x	6.0x	14.7x	22.7x	17.1x	7.3x	7.8x	7.2x
Advanced Development / Exploration (Selection)	ct Group)																				,		
SUNDANCE RESOURCES (SDL-AU)	A\$ 0.02	A\$ 0.13	490.9%	1.23	3,110	A\$ 68.4	4.9	1.0%	7.7%	A\$ 38	A\$ 108												
NEW MILLENNIUM (NML-T)	C\$ 0.11			0.78	181	C\$ 19.9	0.1	0.3%	9.3%	C\$ 0	C\$(3)	(0.01)	0.05	0.08		2.2x	1.4x		3.7x				
ALDERON IRON (ADV-T)	C\$ 0.25	C\$ 0.74	195.0%	2.03	132	C\$ 33.0	0.1	0.1%	15.4%	C\$ 19	C\$ 87	(0.10)	(0.04)	(0.04)									
ZANAGA IRON (ZIOC-LSE)	GBp 2			1.09	279	GBp 6.8	0.6	1.7%	10.4%	GBp 0	GBp(2)												
CENTURYIRON (FER-T)	C\$ 0.29			0.05	99	C\$ 28.7	0.0	0.0%	2.4%	C\$ 0	C\$(0)												
CHAMPION IRON (CIA-T)	C\$ 0.10	C\$ 0.20	110.5%		198	C\$ 18.8	0.2	0.4%	11.4%	C\$ 0	C\$ 15	(0.01)	(0.02)	0.14			0.7x			0.8x			
ADRIANA RESOURCES (ADI-V)	C\$ 0.15	C\$ 0.75	417.2%	0.99	158	C\$ 22.8	0.1	0.1%	11.3%	C\$ 0	C\$(20)	(0.03)	(0.03)	(0.09)									
IMX RESOURCES (IXR-AU)	A\$ 0.01			0.41	828	A\$ 9.9	6.1	1.8%	6.0%	A\$ 0	A\$ 13												
BLACK IRON (BKI-T)	C\$ 0.03	C\$ 0.15	400.0%	0.82	161	C\$ 4.8	0.9	6.6%	9.7%	C\$ 0	C\$(5)	(0.02)	(0.07)	(0.07)							0.7x	0.5x	0.5x
OCEANIC IRON (FEO-T)	C\$ 0.10	C\$ 0.15	50.0%	(1.62)	35	C\$ 3.5	0.0	0.5%	-13.3%	C\$ 2	C\$ 2	(0.09)	(0.09)	(0.09)									
ADVANCED EXPLORATIONS (AXI-V)	C\$#N/A N/A			1.84	205	#VALUE!	0.0	0.0%	8.7%	C\$ 9	C\$N/A												
MACARTHUR MINERALS (MMS-T)	C\$ 0.03			1.67	56	C\$ 1.7	8.0	1.0%	7.5%	C\$ 0	C\$(0)												
Group Average - Developers / Explorers	•		•					•	•					Avg>		2.2x	1.0x		3.7x	0.8x	0.7x	0.5x	0.5x

All data sourced from Bloomberg



## **Uranium Comparables - Consensus Estimates**

		Bloomberg	Shares	Market	Daily		Enterprise			С	FPS (Lo	C)		P/CFPS			EPS (LoC	C)		P/EPS	
	Share	Consensus Implied	Outst.	Capitalization	Volume	Weekly	Value	Resource	EV/lb												
Company (Ticker)	Price	Target Return β	(millions)	(millions)	(millions)	Liquidity	(millions)	(M lb)	Resource	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
CAMECO CORP (CCO-T)	C\$ 17.94	C\$ 24.23 35.1% 1.27	396	C\$ 7,101	1.53	1.8%	C\$ 8,033	996.1	\$6.55	1.39	1.98	2.02	12.9x	9.1x	8.9x	1.09	1.29	1.38	16.5x	13.9x	13.0x
PALADIN ENERGY (PDN-AU)	A\$ 0.26	A\$ 0.41 58.2% 0.86	1,667	A\$ 433	0.39	0.1%	A\$ 678	510.5	\$1.08	(0.03)	0.02	0.05		11.8x	4.9x	(0.05)	(0.00)	0.02			16.3x
ENERGY RESOURCES (ERA-AU)	C\$ 0.38	C\$ 0.18 (52.6)% 0.93	518	C\$ 197	1.17	1.9%	C\$ -97	473.0	(\$0.16)	0.04	0.02	(0.04)		15.8x		(0.22)	(0.15)	0.03			13.1x
ENERGY FUELS (EFR-T)	C\$ 6.55	C\$ 11.31 72.7% 1.05	44	C\$ 289	0.03	1.1%	C\$ 243	134.0	\$1.47	(0.38)	(0.03)	0.22			30.5x		(0.49)	(0.56)			
UR-ENERGYINC (URE-T)	C\$ 1.00	C\$ 2.22 121.7% 0.89	130	C\$ 130	80.0	0.3%	C\$ 142	29.9	\$3.86	0.01	0.09	(0.03)	111.1x	10.6x		(0.03)	0.06	0.13		17.5x	7.7x
URANIUM ENERGY (UEC-AMEX)	US\$ 1.64	US\$ 3.13 91.1% 0.72	98	US\$ 160	2.04	36.0%	US\$ 178	89.3	\$2.00	(0.19)	(0.15)	(0.03)				(0.18)	(0.14)				
Group Average - Producers									\$2.97				76.3x	11.8x	14.7x				16.5x	15.7x	12.5x
DEEP YELLOW (DYL-AU)	A\$ 0.01	0.62	1,910	A\$ 23	0.86	0.2%	A\$ 18	106.0	\$0.13												
FORSYS METALS (FSY-T)	C\$ 0.18	-0.27	119	C\$ 21	0.04	0.0%	C\$ 20	125.0	\$0.13												
MEGAURANIUM (MGA-T)	C\$ 0.09	1.70	280	C\$ 24	0.94	0.4%	C\$ 22	43.1	\$0.42												
LARAMIDE RESOURCES (LAM-T)	C\$ 0.24	C\$ 0.80 240.4% 0.60	85	C\$ 20	0.08	0.3%	C\$ 19	62.3	\$0.25												
STRATECO RESOURCES (RSC-T)	C\$ 0.05	1.64	234	C\$ 11	0.16		C\$ 22	27.0	\$0.66												
BANNERMAN RESOURCES (BMN-/	A\$ 0.05	0.49	374	A\$ 19	0.16	0.2%	A\$ 26	169.6	\$0.12							(0.02)	(0.06)				
PLATEAU URANIUM (PLU-V)	C\$ 0.44	1.08	40	C\$ 18	0.10	0.7%	C\$ 14	124.0	\$0.09												
TORO ENERGY (TOE-AU)	A\$ 0.07	A\$ 0.09 36.4% 0.16	1,994	A\$ 132	0.66	0.2%	A\$ 121	96.0	\$0.96	(0.01)	0.01	0.02		6.6x	3.3x	(0.01)		0.02			3.3x
ALLIANCE RESOURCES (AGS-AU)	A\$ 0.08	0.70	401	A\$ 33	0.28	0.3%	A\$ 34	17.8	\$1.47												
PENINSULA ENERGY (PEN-AU)	C\$ 0.02	C\$ 0.04 87.5% 0.69	6,907	C\$ 166	8.82	0.4%	C\$ 145	110.6	\$1.00												
DENISON MINES (DML-T)	C\$ 0.93	C\$ 1.64 76.7% 1.17	518	C\$ 482	1.26	1.2%	C\$ 378	204.3	\$1.50	(0.02)	(0.01)	0.03			31.0x	(0.04)	(0.02)	(0.02)			
Group Average - Developers									\$0.61					6.6x	17.2x						
FISSION URANIUM (FCU-T)	C\$ 1.02	C\$ 2.28 123.6% 2.08	386	C\$ 394	1.69	1.7%	C\$ 384	105.5	\$2.96	(0.02)	(0.01)	(0.01)				(0.02)	(0.02)	(0.01)			
FISSION 3.0 (FUU-V)	C\$ 0.13	6.88	178	C\$ 22	0.29	0.7%	C\$ 16														
ALPHA EXPLORATION (AEX-V)	C\$ 0.04	2.42	31	C\$ 1	0.06	0.6%	C\$ -1														
NEXGEN ENERGY (NXE-V)	C\$ 0.86	C\$ 1.42 65.7% 6.0	252	C\$ 216	1.19	1.4%	C\$ 212														
KIVALLIQ ENERGY (KIV-V)	C\$ 0.10	C\$ 0.30 200.0% 0.70	217	C\$ 22	0.12	0.4%	C\$ 21	20.0	\$0.35		(0.01)		#DIV/0!			(0.01)	(0.01)				
AZINCOURT URANIUM (AAZ-V)	C\$ 0.04	id Ider	13	C\$ 1	0.06	2.4%	C\$ 0														
URACAN RESOURCES (URC-V)	C\$ 0.02	1.08	72	C\$ 1	0.14	0.4%	C\$ 1	44.0	\$0.02												
INVENTORYFUNDS																					
URANIUM PARTICIPATION (U-T)	C\$ 5.31	C\$ 6.55 23.4% 0.45	117	C\$ 621	0.20	1.4%	C\$ 603			(0.05)			-			0.42			13x		

All data sourced from Bloomberg



## **Coal Comparables - Consensus Estimates**

		Bloomberg			Shares	Market	Daily				Enterprise		CFPS (Lo	2)		P/CFPS			P/EPS			EV/EBIT DA	٨
		Consensus	Implied		Outstanding	Capitalization	Volume	Weekly		Debt	Value		CFF3 (LUC	٥)		F/CFF3			F/EF3			EV/EBIT D/	`
Company (Ticker)	Share Price	Target	Return	β	(millions)	(millions)	(millions)	Liquidity	WACC	(millions)	(millions)	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
Large Cap USA																							
ALPHA NATURAL (ANR-US)	US\$ 0.32	US\$ 0.93	188.4%	1.39	222	US\$ 71	5.0	17.2%	4.5%	US\$ 3,898	US\$ 2,493	(0.44)	(0.02)	0.62			0.5x				56.0x	25.0x	11.6x
ARCH COAL (ACI-US)	US\$ 0.40	US\$ 1.04	157.7%	2.00	213	US\$ 85	4.3	14.7%	4.9%	US\$ 5,160	US\$ 4,298	(0.17)	0.10	0.42		4.1x	1.0x				14.2x	13.4x	12.0x
PEABODY ENERGY (BTU-US)	US\$ 2.29	US\$ 7.03	207.1%	1.58	278	US\$ 636	15.4	34.9%	5.7%	US\$ 5,987	US\$ 6,394	0.01	1.21	1.89	229.0x	1.9x	1.2x				9.9x	7.4x	6.4x
CONSOL ENERGY (CNX-US)	US\$ 22.39	US\$ 35.93	60.5%	1.26	229	US\$ 5,123	3.4	9.7%	8.6%	US\$ 3,289	US\$ 8,525	3.47	4.03	4.86	6.5x	5.6x	4.6x	30.5x	20.6x	12.6x	8.6x	7.1x	5.6x
WALTER ENERGY (WLT-US)	US\$ 0.20	US\$ 0.35	79.5%	1.78	81	US\$ 16	1.7	18.6%	1.7%	US\$ 3,136	US\$ 2,596											34.5x	18.7x
CLOUD PEAK (CLD-US)	US\$ 4.82	US\$ 9.78	102.9%	1.40	61	US\$ 294	1.8	16.1%	6.1%	US\$ 571	US\$ 679	1.45	1.16	1.29	3.3x	4.2x	3.7x				5.1x	5.3x	5.6x
Group Average - Large Cap USA														Avg>	79.6x	3.9x	2.2x	30.5x	20.6x	12.6x	18.8x	15.4x	10.0x
Limitied Partnerships																							
ALLIANCE RESOURCE (ARLP-US)	US\$ 24.38	US\$ 45.40	86.2%	0.81	74	US\$ 1,809	0.3	3.1%	6.8%	US\$ 838	US\$ 2,645	10.43	11.29	11.56	2.3x	2.2x	2.1x	6.3x	6.5x	6.5x	3.3x	3.3x	3.5x
NATURAL RESOURCE (NRP-US)	US\$ 3.71	US\$ 5.50	48.2%	0.85	122	US\$ 454	8.0	3.7%	5.5%	US\$ 1,475	US\$ 1,878	1.53	1.70	1.86	2.4x	2.2x	2.0x	5.5x	4.5x	4.1x	6.7x	6.2x	6.0x
Group Average - Limited Partnerships	i													Avg>	2.4x	2.2x	2.1x	5.9x	5.5x	5.3x	5.0x	4.8x	4.7x
Large Cap Non-North America																		,					
NEW HOPE (NHC-AU)	A\$ 1.90	A\$ 2.40	26.9%	0.80	831	A\$ 1,575	0.3	0.2%	8.7%	A\$ 0	A\$ 458	0.11	0.11	0.15	17.1x	17.1x	12.8x	31.6x	38.7x	30.6x	5.4x	5.5x	4.8x
WHITEHAVEN COAL (WHC-AU)	A\$ 1.30	A\$ 1.63	26.1%	1.15	1,026	A\$ 1,329	2.9	1.9%	8.3%	A\$ 788	A\$ 2,229	0.07	0.14	0.24	17.7x	9.5x	5.5x		56.3x	11.4x	19.5x	9.7x	6.3x
BANPU PUBLIC (BANPU-SET)	₿ 25.50	₿ 30.89	21.1%	0.96	2,582	₿ 65,838	9.1	1.3%	5.8%	₿ 106,669	₿ 165,913	3.73	4.55	4.68	6.8x	5.6x	5.4x	18.7x	13.2x	10.6x	10.5x	9.7x	9.2x
CHINA COAL (1898-HK)	HK\$ 4.77	HK\$ 4.02	(15.7)%	1.10	4,107	HK\$ 148,712	43.7	3.3%	5.3%	HK\$ 94,708	HK\$ 215,384	0.54	0.67	0.78	7.1x	5.7x	4.9x		119.4x	106.1x	25.3x	20.7x	17.9x
CHINA SHENHUA (1088-HK)	HK\$ 17.66	HK\$ 21.82	23.5%	1.02	3,399	HK\$ 467,497	30.1	2.6%	7.1%	HK\$ 95,370	HK\$ 475,331	2.97	3.30	3.28	4.8x	4.3x	4.3x	9.5x	8.9x	8.6x	6.6x	6.1x	5.9x
COAL OF (CZA-AU)	A\$ 0.10			(0.60)	1,744	A\$ 169	0.1	0.0%	-1.2%	A\$ 6	A\$ 110												
YANZHOU COAL (1171-HK)	HK\$ 6.31	HK\$ 6.07	(3.8)%	1.49	1,958	HK\$ 63,359	29.9	3.0%	4.1%	HK\$ 63,506	HK\$ 96,407	1.20	1.30	1.47	4.2x	3.9x	3.4x	44.3x	27.8x	29.7x	15.5x	13.1x	11.9x
Group Average - Large Cap Non-North	-America													Avg>	9.3x	7.9x	6.4x	22.8x	39.2x	29.5x	11.8x	10.7x	9.0x
Developer/Explorers																							
COALSPUR MINES (CPL-AU)	A\$ 0.02			0.98	652	A\$ 14.3	2.6	0.0%	3.2%	A\$ 104	A\$ 106												
COMPLIANCE ENERGY (CEC-V)	C\$ 0.02			0.95	78	C\$ 1.2	0.0	0.2%	10.2%														
EAST ENERGY (EER-AU)	A\$ 0.01				356	A\$ 3.6	0.0	0.1%	5.6%	A\$ 17	A\$ 22												
FORTUNE MINERALS (FT -T)	C\$ 0.05			1.04	222	C\$ 10.0	0.3	2.7%	3.6%	C\$ 55	C\$ 76												
JAMESON RESOURCES (JAL-AU)	A\$ 0.04			0.58	208	A\$ 9.2	0.3	0.8%	5.7%	A\$ 0	A\$ 10												
Group Average - Developers / Explore	rs													Avg>									
Allied Industry																							
SEDGMAN LTD (SDM-AU)	A\$ 0.67	A\$ 0.76	14.3%	0.79	227	A\$ 151	0.2	0.6%	7.8%	A\$ 21	A\$ 60	0.10	0.10	0.10	6.9x	7.0x	6.5x	11.5x	8.9x	7.8x	2.1x	1.9x	1.9x
Group Average - Allied Industry														Avg>	6.9x	7.0x	6.5x	11.5x	8.9x	7.8x	2.1x	1.9x	1.9x
Sundry Companies																							
ADARO ENERGY (ADRO-JKSE)	¥ 785	¥ 1,014	29.2%	0.53	31,986	¥25,108,980	32.7	0.3%	9.1%	¥ 1,881	¥ 3,518	0.01	0.02	0.02	4.2x	3.9x	3.5x	9.8x	8.4x	6.5x	5.1x	4.9x	4.5x
BUMI RESOURCES (BUMI-JKSE)	¥ 61	¥ 100	63.9%	1.29	36,627	¥ 2,234,248	129.7	1.0%	14.3%	¥ 4,352	¥ 4,496										15.5x	14.1x	9.6x
NEYVELI LIGNITE (NEYVELILIG-NSEI)	₹ 81.45	₹ 103.00	26.5%	0.91	1,678	₹ 136,649	0.2	0.1%	10.1%	₹ 60,108	₹ 163,628												
SOUTHGOBIRESOURCES (SGQ-T)	C\$ 0.81			(0.40)	241	C\$ 195	0.0	0.0%	-0.2%	C\$ 95	C\$ 256												
TAMBANG BATUBARA (PTBA-JKSE)	¥8,500	¥ 10,503	23.6%	0.69	2,304	¥ 19,585,121	1.9	0.4%	9.6%	¥ 2,255,416	¥ 18,006,160	639.75	944.12		13.3x	9.0x	9.9x	12.3x	10.8x	10.0x	9.1x	7.8x	7.2x
Group Average - Sundry Companies														Avg>	8.7x	6.5x	6.7x	11.0x	9.6x	8.3x	9.9x	8.9x	7.1x

All data sourced from Bloomberg





## **Senior/Intermediate Gold Producers - EV/oz Comparables**

		Market	Working	Enterprise	Glo	bal Res	erves &	Resour	ces			Reserves	5			Resou	rces (Ma	&I and I	nferred)		Glo	obal
	Symbol	Capitalization	Capital	Value	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	% Au	EV/oz	EV/oz
		(millions)	(millions)	(millions)	(Moz)	(g/t)	(Moz)	(g/t)	% Au	(Moz)	(g/t)	(Moz)	(g/t)	% Au	(Moz)	(g/t)	(Moz)	(g/t)	7₀ Au	Inferred	Au	AuEq
Agnico Eagle Mines Limited	NYSE:AEM	US \$6,358	US \$550	US \$7,458	51.9	1.92	61.1	2.26	85%	20.0	2.40	25.8	3.10	78%	31.9	1.70	35.4	1.89	90%	49%	US \$144	US \$122
Alamos Gold Inc.	TSX:AGI	US \$720	US \$406	US \$360	12.2	0.85	12.7	0.89	96%	1.7	1.16	1.7	1.16	100%	10.4	0.81	11.0	0.86	95%	34%	US \$30	US \$28
AngloGold Ashanti Ltd.	JSE:ANG	US \$3,650	US \$1,040	US \$6,911	231.9	1.35	263.9	1.54	88%	59.4	0.90	67.3	1.02	88%	100.5	1.03	121.2	1.24	83%	57%	US \$30	US \$26
B2Gold Corp.	TSX:BTO	US \$1,482	US \$143	US \$1,753	23.5	0.64	37.9	1.03	62%	11.3	1.21	11.3	1.21	100%	12.2	0.45	26.5	0.97	46%	68%	US \$75	US \$46
Barrick Gold Corporation	TSX:ABX	US \$12,788	US \$3,423	US \$24,703	224.0	0.82	347.8	1.28	64%	86.7	0.95	129.8	1.43	67%	137.4	0.76	218.0	1.20	63%	26%	US \$110	US \$71
Compañía de Minas Buenav entura S.A.A.	NYSE:BVN	US \$2,677	US \$139	US \$2,878	22.3	0.25	83.5	0.92	27%	8.6	0.22	32.7	0.85	26%	10.5	0.22	47.6	0.99	22%	50%	US \$129	US \$34
Detour Gold Corporation	TSX:DGC	US \$1,998	US \$167	US \$2,300	20.6	1.03	20.6	1.03	100%	15.0	1.01	15.0	1.01	100%	5.7	1.07	5.7	1.07	100%	13%	US \$112	US \$112
Eldorado Gold Corporation	TSX:ELD	US \$2,887	US \$615	US \$3,303	39.0	0.82	53.7	1.13	73%	21.3	1.16	29.0	1.58	73%	17.7	0.61	24.7	0.85	72%	65%	US \$85	US \$61
Gold Fields Ltd.	JSE:GFI	US \$2,472	US \$387	US \$3,971	110.6	2.08	129.5	2.44	85%	45.2	2.84	46.5	2.92	97%	65.7	1.77	83.2	2.24	79%	20%	US \$36	US \$31
Goldcorp Inc.	TSX:G	US \$13,730	US \$831	US \$17,502	117.0	0.69	198.5	1.18	59%	49.9	0.80	88.3	1.42	57%	67.1	0.63	110.3	1.04	61%	38%	US \$150	US \$88
Harmony Gold Mining Company Limited	JSE:HAR	US \$587	US \$105	US \$763	109.7	1.37	139.5	1.74	79%	36.2	0.84	49.9	1.16	73%	73.5	2.06	89.6	2.51	82%	52%	US \$7	US \$5
IAMGOLD Corp.	TSX:IMG	US \$877	US \$868	US \$867	32.3	1.29	32.3	1.29	100%	9.8	1.35	9.8	1.35	100%	22.5	1.33	22.5	1.33	100%	38%	US \$27	US \$27
Kinross Gold Corporation	TSX:K	US \$2,643	US \$2,022	US \$3,700	63.5	0.71	69.9	0.79	91%	34.7	0.72	38.5	0.80	90%	28.9	0.71	31.4	0.77	92%	18%	US \$58	US \$53
New Gold, Inc.	TSX:NGD	US \$1,470	US \$497	US \$1,942	28.9	0.66	44.8	1.03	64%	17.0	0.72	24.2	1.03	70%	11.9	0.59	20.7	1.03	57%	32%	US \$67	US \$43
Newmont Mining Corporation	NYSE:NEM	US \$12,661	US \$3,317	US \$20,292	137.9	0.85	191.4	1.18	72%	82.5	0.97	99.5	1.18	83%	52.0	0.72	88.5	1.22	59%	37%	US \$147	US \$106
Randgold Resources Limited	LSE:RRS	US \$6,416	US \$288	US \$6,482	28.3	3.19	28.3	3.19	100%	15.2	3.57	15.2	3.57	100%	13.1	2.85	13.1	2.85	100%	52%	US \$229	US \$229
Yamana Gold, Inc.	TSX:YRI	US \$2,898	US \$53	US \$4,530	71.6	0.59	138.7	1.15	52%	24.9	0.48	59.2	1.13	42%	46.7	0.68	79.4	1.16	59%	41%	US \$63	US \$33
Group Average - Total					# Comp	anies: '	17														US \$88	US \$66

Equivalency assumptions (US\$ / 06-18-15): \$1,175/oz Au, \$15.80/oz Ag, \$1,082/oz Pt, \$680/oz Pd, \$2.61/lb Cu, \$0.92/lb Zn, \$0.80/lb Pb, \$5.63/lb Ni, \$6.63/lb Mo, \$13.99/lb Co, \$7,550/t Sb, \$36.75/lb U3O8, \$0.20/lb Sn, \$93.00/t HCC, \$62.53/t 62% Fe Source: SNL Financial retrieved on June 26, 2015

		Market	Working	Enterprise	Glo	bal Res	erves &	Resour	ces			Reserve	s			Resou			nferred)		Glo	bal
Company	Symbol	Capitalization	Capital	Value	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	% Au	EV/oz	EV/oz
		(millions)	(millions)	(millions)	(Moz)	(g/t)	(Moz)	(g/t)	/0 Au	(Moz)	(g/t)	(Moz)	(g/t)	/0 Au	(Moz)	(g/t)	(Moz)	(g/t)	/0 Au	Inferred	Au	AuEq
Alacer Gold Corp.	TSX:ASR	US \$697	US \$395	US \$456	8.7	0.43	18.0	0.89	48%	2.8	2.13	3.1	2.39	89%	1.0	0.06	8.9	0.59	11%	276%	US \$52	US \$25
Allied Nevada Gold Corp.	AMEX:ANV	US \$21	US (\$2)	US \$631	27.8	0.33	40.6	0.48	69%	10.6	0.38	16.8	0.61	63%	17.3	0.30	23.8	0.41	73%	36%	US \$23	US \$16
Argonaut Gold Inc.	TSX:AR	US \$216	US \$123	US \$157	13.1	0.57	13.9	0.61	95%	3.0	0.56	3.0	0.56	100%	10.2	0.58	10.9	0.62	93%	14%	US \$12	US \$11
AuRico Gold Inc.	TSX:AUQ	US \$807	US \$129	US \$1,034	13.7	0.84	19.8	1.22	69%	6.5	1.03	8.1	1.29	80%	7.2	0.73	11.7	1.18	61%	39%	US \$76	US \$52
Centamin Plc	LSE:CEY	US \$1,125	US \$296	US \$951	10.9	1.24	10.9	1.24	100%	4.1	1.11	4.1	1.11	100%	6.8	1.33	6.8	1.33	100%	32%	US \$87	US \$87
China Gold International Resources Corp Ltd	TSX:CGG	US \$689	US (\$22)	US \$1,460	13.0	0.18	64.4	0.91	20%	6.1	0.31	24.5	1.23	25%	6.9	0.14	39.9	0.78	17%	51%	US \$112	US \$23
Dundee Precious Metals Inc.	TSX:DPM	US \$297	US \$71	US \$458	6.7	2.99	10.1	4.51	66%	3.1	3.34	4.2	4.53	74%	3.6	2.74	5.9	4.50	61%	49%	US \$68	US \$45
Evolution Mining Limited	ASX:EVN	US \$880	US (\$64)	US \$964	5.5	1.53	6.3	1.75	88%	2.4	1.43	2.6	1.57	91%	3.2	1.81	3.7	2.12	85%	55%	US \$174	US \$152
G-Resources Group Limited	SEHK:1051	US \$854	US \$352	US \$546	7.1	1.18	8.0	1.32	89%	2.5	1.98	2.9	2.24	88%	-	-	-	-	-	-	US \$77	US \$68
Medusa Mining Limited	ASX:MML	US \$137	US \$34	US \$132	2.6	2.76	2.6	2.76	100%	0.5	7.29	0.5	7.29	100%	2.1	2.69	2.1	2.69	100%	57%	US \$51	US \$51
Nord Gold N.V.	LSE:NORD	US \$1,195	US \$626	US \$1,913	38.3	0.85	40.7	0.90	94%	12.7	0.94	12.9	0.95	98%	25.7	0.82	27.8	0.88	92%	71%	US \$50	US \$47
OceanaGold Corporation	TSX:OGC	US \$741	US \$91	US \$787	11.6	1.31	13.1	1.48	89%	2.9	1.09	3.9	1.46	74%	7.3	1.30	7.4	1.32	98%	56%	US \$68	US \$60
Primero Mining Corp.	TSX:P	US \$690	US \$16	US \$757	6.8	0.84	10.4	1.29	65%	2.0	1.50	3.0	2.27	66%	3.9	0.59	5.6	0.85	69%	32%	US \$112	US \$73
Regis Resources Limited	ASX:RRL	US \$422	US \$40	US \$430	8.0	0.97	8.0	0.97	100%	2.5	1.04	2.5	1.04	100%	5.5	0.94	5.5	0.94	100%	22%	US \$54	US \$54
Resolute Mining Limited	ASX:RSG	US \$150	US \$43	US \$173	15.4	1.57	15.4	1.57	100%	5.5	1.71	5.5	1.71	100%	10.0	1.49	10.0	1.49	100%	39%	US \$11	US \$11
SEMAFO Inc.	TSX:SMF	US \$864	US \$128	US \$863	7.8	2.89	7.8	2.89	100%	2.0	3.01	2.0	3.01	100%	5.7	2.84	5.7	2.84	100%	38%	US \$111	US \$111
Group Average - Total					# Comp	anies:	16														US \$71	US \$55

Equivalency assumptions (US\$ / 06-18-15): \$1,175/oz Au, \$15.80/oz Ag, \$1,082/oz Pt, \$680/oz Pd, \$2.61/lb Cu, \$0.92/lb Zn, \$0.80/lb Pb, \$5.63/lb Ni, \$6.63/lb Mo, \$13.99/lb Co, \$7,550/t Sb, \$36.75/lb U3O8, \$0.20/lb Sn, \$93.00/t HCC, \$62.53/t 62% Fe Source: SNL Financial retrieved on June 26, 2015



## Junior Gold Producers - EV/oz Comparables

		Market	Working	Enterprise	Glo	bal Res	erves &	Resour	ces			Reserve				Resou	rces (Ma	&I and I	nferred)		Glo	obal
Company	Symbol	Capitalization	Capital	Value	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	% Au	EV/oz	EV/oz
		(millions)	(millions)	(millions)	(Moz)	(g/t)	(Moz)	(g/t)	/0 Au	(Moz)	(g/t)	(Moz)	(g/t)	/0 Au	(Moz)	(g/t)	(Moz)	(g/t)	/0 Au	Inferred	Au	AuEq
Avnel Gold Mining Ltd.	TSX:AVK	US \$53	US \$9	US \$32	2.0	4.54	2.0	4.54	100%	-	-	-	-	-	2.0	4.54	2.0	4.54	100%	15%	US \$16	US \$16
Banro Corporation	TSX:BAA	US \$80	US (\$59)	US \$336	13.6	1.54	13.6	1.54	100%	2.9	2.11	2.9	2.11	100%	11.7	1.57	11.7	1.57	100%	45%	US \$25	US \$25
Endeavour Mining Corporation	TSX:EDV	US \$204	US \$47	US \$437	9.9	2.07	9.9	2.07	100%	4.1	2.32	4.1	2.32	100%	3.2	2.50	3.2	2.50	100%	78%	US \$44	US \$44
Golden Star Resources, Ltd.	TSX:GSC	US \$82	US (\$32)	US \$98	10.3	2.41	10.3	2.41	100%	1.1	1.60	1.1	1.60	100%	9.3	2.56	9.3	2.56	100%	15%	US \$10	US \$10
Goldgroup Mining Inc.	TSX:GGA	US \$11	US \$2	US \$11	0.5	0.76	8.0	1.35	57%	-	-	-	-	-	0.5	0.76	0.8	1.35	57%	41%	US \$23	US \$13
Kirkland Lake Gold Inc.	TSX:KGI	US \$369	US \$29	US \$435	5.1	18.32	5.1	18.32	100%	1.5	19.33	1.5	19.33	100%	3.6	17.94	3.6	17.94	100%	37%	US \$86	US \$86
Luna Gold Corp.	TSX:LGC	US \$10	US (\$26)	US \$45	3.0	1.40	3.0	1.40	100%	-	-	-	-	-	3.0	1.39	3.0	1.39	100%	4%	US \$15	US \$15
Mandalay Resources Corp.	TSX:MND	US \$328	US \$29	US \$332	1.2	0.68	3.4	1.95	35%	0.5	2.43	0.6	2.87	84%	0.6	0.42	2.8	1.81	23%	28%	US \$279	US \$97
Metanor Resources Inc.	TSXV:MTO	US \$19	US \$1	US \$24	1.5	2.09	1.5	2.09	100%	0.2	7.37	0.2	7.37	100%	1.3	1.88	1.3	1.88	100%	75%	US \$15	US \$15
Minera IRL Limited	AIM:MIRL	US \$20	US (\$27)	US \$45	2.6	2.63	2.6	2.64	100%	1.0	3.38	1.0	3.38	100%	1.6	2.31	1.6	2.32	100%	74%	US \$17	US \$17
Orosur Mining Inc.	TSX:OMI	US \$13	US \$6	US \$10	1.7	0.55	3.5	1.18	47%	0.2	2.01	0.2	2.01	100%	1.1	0.40	2.9	1.12	36%	7%	US \$6	US \$3
Orvana Minerals Corp.	TSX:ORV	US \$34	US \$24	US \$62	3.3	2.44	4.1	3.00	81%	0.4	3.04	0.6	4.72	64%	2.9	2.39	3.5	2.84	84%	49%	US \$19	US \$15
Perseus Mining Limited	ASX:PRU	US \$173	US \$114	US \$122	8.3	1.02	8.3	1.02	100%	2.8	1.19	2.8	1.19	100%	5.6	0.96	5.6	0.96	100%	43%	US \$15	US \$15
Richmont Mines Inc.	AMEX:RIC	US \$185	US \$58	US \$135	5.0	3.68	5.0	3.68	100%	0.2	6.43	0.2	6.43	100%	4.8	3.61	4.8	3.61	100%	59%	US \$27	US \$27
Shanta Gold Ltd.	AIM:SHG	US \$48	US \$17	US \$87	2.9	3.14	2.9	3.14	100%	0.9	4.57	0.9	4.57	100%	2.0	2.74	2.0	2.74	100%	65%	US \$30	US \$30
St Andrew Goldfields Ltd.	TSX:SAS	US \$89	US \$13	US \$71	5.7	3.18	5.7	3.18	100%	0.8	5.03	0.8	5.03	100%	4.8	2.99	4.8	2.99	100%	45%	US \$13	US \$13
Teranga Gold Corporation	TSX:TGZ	US \$214	US \$39	US \$191	7.9	1.21	7.9	1.22	99%	2.3	1.36	2.3	1.36	100%	5.5	1.16	5.6	1.17	99%	39%	US \$24	US \$24
Timmins Gold Corp.	TSX:TMM	US \$171	US \$48	US \$159	6.8	0.64	6.9	0.66	98%	1.6	0.52	1.6	0.52	100%	5.1	0.69	5.3	0.72	97%	44%	US \$24	US \$23
Wesdome Gold Mines Ltd.	TSX:WDO	US \$97	US \$5	US \$97	5.5	1.59	5.5	1.59	100%	0.4	4.61	0.4	4.61	100%	5.1	1.52	5.1	1.52	100%	53%	US \$18	US \$18
Group Average - Total		·	<u> </u>		# Comp	anies:	19														US \$37	US \$27

Equivalency assumptions (US\$ / 06-18-15): \$1,175/oz Au, \$15.80/oz Ag, \$1,082/oz Pt, \$680/oz Pd, \$2.61/lb Cu, \$0.92/lb Zn, \$0.80/lb Pb, \$5.63/lb Ni, \$6.63/lb Mo, \$13.99/lb Co, \$7,550/t Sb, \$36.75/lb U3O8, \$0.20/lb Sn, \$93.00/t HCC, \$62.53/t 62% Fe Source: SNL Financial retrieved on June 26, 2015



## **Gold Development-Stage Companies (Engineering Study Complete) – EV/oz Comparables**

Names Maring Inc.  TEXALUE  SYST US\$208  \$25 248 259 248 1094  \$21 240 240 240 240 240 240 240 240 240 240	Company		Market	Working	Enterprise	Glo	bal Res	erves &	Resour	ces			Reserve	s			Resou	rces (M	&I and I	nferred)		Glo	obal
Methors (More) (		Symbol							AuEq	% Au				AuEq	% Au				AuEq	% Au			
Marchen Humane Marchen March	African Cold Crown Inc	TCVIACC					(6)		(g/t)	1000/	(Moz)	(g/t)	(Moz)	(g/t)					(g/t)	1000/			
Name Colling   SEACO														-									
Mary Mary March (march 1964)  Mary March (march 1964)  March (marc			-								2.4	2.12	2.4	2.12	100%								-
Semanth Remarked   Semanth Rem	AT AC Resources Ltd.										-	-	-	-	-								
Size See Mining Comp	Aureus Mining Inc.	TSX:AUE	US \$154	US \$27	US \$208	2.5	2.48	2.5	2.48	100%	0.8	3.38	0.8	3.38	100%	1.7	2.19	1.7	2.19	100%	68%	US \$82	US \$82
Designation   Compute	Azumah Resources Ltd	ASX:AZM	US \$7	US \$1	US \$6	1.8	1.51	1.8	1.51	100%	0.6	2.14	0.6	2.14	100%	1.2	1.33	1.2	1.33	100%	49%	US \$3	US \$3
Lise Antones Mingrown (ame ) TSAVCAM   USS2   USS3   USS3   USS5	Belo Sun Mining Corp	TSX:BSX	US \$65	US (\$0)	US \$63	6.8	1.04	6.8	1.04	100%	3.8	1.02	3.8	1.02	100%	3.0	1.07	3.0	1.07	100%	52%	US \$9	US \$9
Displace (Conformers)   Lamb   MonCohe   US-54   US-58   US-54   US-57   Conformers (Conformers)   US-54   US-57   U	Carlisle Goldfields Limited	TSX:CGJ	US \$11	US \$6	US \$4	3.1	1.66	3.1	1.66	100%	-	-	-	-	-	3.1	1.66	3.1	1.66	100%	43%	US \$1	US \$1
Designed Galder for Mires Limine	Castle Mountain Mining Company Limited	TSXV:CMM	US \$22		US \$20	4.3	0.60	4.3	0.60		-	-	-	-	-	4.3	0.60					US \$5	
Dissipant Gold Corp.  1 SXCXCXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	Chaarat Gold Holdings Ltd	AIM:CGH	US \$49	US \$8	US \$41	6.1	3.02	6.2	3.07	98%	-	-	-	-	-	6.1	3.02	6.2	3.07		15%	US \$7	US \$7
Commend Gold ne ne											-		-	-									
Defendementementementementementementementem											18.5	0.50	28.8	0.78	64%								
Second Programment   Second											-	-		-	-								
Good More Ammerican Member (1968) Conference Member (1968) Conference Member (1968) Conference Member (1969) Conference M				-	-						-	-	-	-	-								-
Golden Clausen Mirring Co. LLL TSX.CO.M. US \$55 US \$41 US \$76 0.9 0.3 1.1 0.50 6.0 0.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0	·										0.0	3.31	0.0	3.31	100%								
Goldford, MINES COP.  TSX/GRM US\$19 US\$2 US\$10 SS56 US\$16 US\$17 US\$17 US\$17 US\$17 US\$17 US\$17 US\$17 US\$17 US\$18 US\$18 US\$18 US\$18 US\$11 US\$16 US\$18 US\$11 US\$16 US\$16 US\$18 US\$16 US\$18 US\$16 US\$18 US\$16 US\$18 US\$17 US\$24 US\$16 US\$28 US\$17 US\$28 US\$17 US\$28 US\$18 US											0.5	0.66	0.6	0.81	82%								
Grypton Minemate Lini.  A SX/GRV US \$19 US \$16 US \$1 St 1	•																						
Gyana Goldindische (C. MAMM) US\$470 US\$95 US\$95 US\$65			-																				
Humminghard Placeuruse PLC MIAH-HUM USS51 USS51 USS51 USS51 USS51 USS52 USS52 42 6.81 100% 0.9 201 0.99 100% 10.1 0.89 10.1 0.1 0.1 0.1 10.1 0.1 10.1 0.1 10.1 0.1	71																						
Interigue Gold Corp. TSXVLOC   US\$78   US\$85   US\$52   4.2   8.41   4.2   8.42   10.95   0.1   0.59   10.05   0.69   10.95   10.55   10.05   1	Hummingbird Resources PLC			(. ,							-	-	-	-	-								
Kaminask Odi Corp.  TSXVKAM  US \$94  US \$16  US \$21  US \$22  US \$17  US \$18  U	Integra Gold Corp.										-	-	-	-	-								
KEFI Minesinc   MAIKEFI   US \$24   US \$3   US \$24   19   194   199   194   199   194   109%   10   202   110   202   100%   09   186   09   186   100%   518   US \$21   US \$24   US \$35   US \$35   US \$35   US \$41   195   140   100%   10   202   110   202   100%   09   186   100%   518   US \$35   US \$42   US \$42   US \$42   US \$42   US \$42   US \$42   US \$43   US \$41   US \$4	International Tower Hill Mines Ltd.	TSX:ITH	US \$38	US \$11	US \$26	20.1	0.59	20.1	0.59	100%	10.1	0.69	10.1	0.69	100%	10.1	0.51	10.1	0.51	100%	44%	US \$1	US \$1
Kers Mines Inc.  Kers M	Kaminak Gold Corp.	TSXV:KAM	US \$94	US \$16	US \$73	4.2	1.39	4.2	1.39	100%	-	-		-	-	4.2	1.39	4.2	1.39	100%	83%	US \$18	US \$18
Kale Gold Climberd  ASX-KIGO  US 56  US 52  US 59  US 50	KEFI Minerals Plc	AIM:KEFI	US \$24	US (\$3)	US \$24	1.9	1.94	1.9	1.94	100%	1.0	2.02	1.0	2.02	100%	0.9	1.86	0.9	1.86	100%	38%	US \$13	US \$13
Lupaka Golf Corp.  TSXLIPK US\$7  US\$19  US\$09  US\$80  U\$\$10  US\$75  US\$19  US\$60  S\$10  S\$10  S\$10  US\$19  US\$10	Kerr Mines Inc.	TSX:KER	US \$8	US (\$9)	US \$14	0.6	9.94	0.6	9.94	100%	0.3	8.77	0.3	8.77	100%	0.3	11.04	0.3	11.04	100%	51%	US \$24	US \$24
Lydan International Limited	Kula Gold Limited	ASX:KGD	US \$6	US \$2	US \$4	2.1	1.48	2.1	1.48	100%	0.7	2.17	0.7	2.17	100%	1.4	1.27	1.4	1.27	100%	56%	US \$2	US \$2
Magella Minerals Limited	Lupaka Gold Corp.	TSXV:LPK	US \$7	US \$0	US \$6	2.8	1.17	3.2	1.34	87%	-	-	-	-	-	2.8	1.17	3.2	1.34	87%	42%	US \$2	US \$2
Manusa Resources Ltd	Lydian International Limited	TSX:LYD	US \$75	US \$19	US \$60	5.0	0.69	5.3	0.73	94%	2.5	0.78	2.7	0.83	94%	2.5	0.61	2.7	0.64	94%	80%	US \$12	US \$11
Melals Exploration Pic	Magellan Minerals Limited	TSXV:MNM	-	, ,	US \$9	2.2	1.71	2.3		98%	-	-	-	-	-	2.2		2.3	1.75		70%		-
Midas Gold Corp.  TSXMDW US\$13 US\$49 US\$6 US\$15 US\$10 US\$26 US\$26 US\$27 US\$26 US\$27	Manas Resources Ltd.										-	-	-	-									
MidwayGold Corp.  TSXMDW US\$13 US\$30 US\$10 US\$12 US\$01 US\$12	•																					-	
Moneta Porcupine Mines Inc. TSX/ME US \$12 US \$0 US \$12 US \$2 US \$3 US \$22 S2 108 5.2 1.08 10.09 10.087 79% 0.5 0.76 1.00 10.087 79% 0.5 0.77 0.5 0.83 91 1.08 10.09 12%	·										4.6	1.60	5.1	1.77	90%								
Orezone Gold Corporation TSX-ORE US \$26  US \$3  US \$22  52  1.08  52  1.08  1.09  1.3  0.76  1.3  0.76  1.09  1.3  0.76  1.09  1.3  0.76  1.09  1.3  0.76  1.09  1.26  1.26  1.09  1.26  1.26  1.09  1.26  1.26  1.09  1.26  1.26  1.09  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1.26  1	,		-	, ,	-						-	-	•	-	-								
Pershimco Resources Inc.  TSX/PRO US \$44  US (\$0) US \$43  0.8  0.8  0.9  1.7  0.3  1.7  0.5  0.7  0.5  0.7  0.5  0.8  0.8  0.9  0.7  0.5  0.8  0.8  0.8  0.9  0.7  0.5  0.7  0.5  0.8  0.8  0.9  0.7  0.5  0.8  0.8  0.8  0.9  0.7  0.7  0.7  0.7  0.7  0.7  0.7	· · · · · · · · · · · · · · · · · · ·										12		12	0.76								05 \$3	05 \$3
Pilot Gold Inc.  TSXPIG US \$\$4 US \$\$55 US \$\$36 1.7 0.31 4.0 0.74 4.29 0.0 0.1.3 0.0 1.14 0.0 1.14 0.0	•		-	-																			-
Premier Gold Mines Limited  TSX-PG  US \$374  US \$84  US \$84  US \$85  150.4  0.70  64.3  0.80  75.7  75																						LIS \$21	115 \$9
Pretium Resources Inc.  TSX-PVG US \$714 US \$84 US \$631 50.4 0.70 64.3 0.90 75, 14.14 7.9 14.91 95, 42.9 10.05 64.0 95, 42.9 10.05 65.4 0.79 76, 35, 55, 56, 57, 57, 57, 57, 57, 57, 57, 57, 57, 57			-																				
Red Eagle Mining Corporation TSXVRD US\$23 US\$2 US\$23 0.6 3.35 0.6 3.35 100% 0.4 5.19 0.4 5.19 100% 0.2 1.98 0.2 1.98 100% 6.4% US\$37 US\$37 US\$38 RNINL ASKRNI US\$8 US\$(515) US\$21 1.9 1.11 1.9 1.17 95% 1.9 1.11 1.9 1.17 95% 26% 1.9 1.11 1.9 1.17 95% 26% 1.9 1.11 1.9 1.17 95% 26% 1.9 1.11 1.9 1.17 95% 26%																						-	-
RNINL ASX.RNI US\$8 US\$150 US\$21 1.9 1.11 1.9 1.17 95% 1.9 1.11 1.9 1.17 95% 26% CROMERO MINERALS INC.  TSX/R US\$437 US\$199 US\$415 4.8 1.65 4.8 1.65 100% 2.0 2.06 100% 2.8 1.44 2.8 1.44 100% 28% US\$86 US\$86 Roxgold Inc.  TSX/RNIX US\$411 US\$28 US\$139 1.1 13.87 1.1 13.87 1.0 10.8 11.8 10.8 11.8 10.8 11.8 10.8 11.8 10.8 10				-	-																	US \$37	US \$37
Romarco Minerals Inc. TSXR US \$437 US \$439 US \$415 4.8 1.65 4.8 1.65 4.8 1.65 100% 2.0 2.06 2.0 2.06 100% 2.8 1.44 2.8 1.44 100% 28% US \$86 US \$86 Roxgold Inc. TSXVROG US \$170 US \$28 US \$139 1.1 13.87 1.1 13.87 1.0 10.8 1.1 13.8 1.	RNI NL										-	-	-	-	-							-	-
Rubicon Minerals Corporation TSX:RMX US \$411 US \$21 US \$368 3.3 9.00 3.3 9.00 100% 3.3 9.00 3.3 9.00 100% 66% Sabina Gold & Silver Corp. TSX:SBB US \$65 US \$22 US \$43 7.2 6.21 7.2 6.21 100% 3.6 5.70 3.6 5.70 100% 3.7 6.91 3.7 6.91 100% 50% US \$6 US \$6 Sandspring Resources Ltd. TSXV:SSP US \$11 US (\$2) US \$11 10.0 0.84 11.3 0.95 88% 4.1 1.00 4.6 1.12 90% 5.9 0.75 6.7 0.87 87% 53% US \$1 US \$1 Silvayo Gold Limited ASX:SIH US \$8 US (\$0) US \$4 1.1 2.60 1.1 2.0 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	Romarco Minerals Inc.	TSX:R	US \$437		US \$415		1.65	4.8		100%	2.0	2.06	2.0	2.06	100%	2.8	1.44	2.8	1.44	100%		US \$86	US \$86
Sabina Gold & Silver Corp.  TSX:SBB  US \$65  US \$22  US \$11  US \$(\$2)  US \$11  US \$(\$2)  US \$11  10.0  0.84  11.3  0.95  88%  4.1  1.00  4.6  1.12  0.90  4.7  0.62  1.00  4.6  1.12  0.90  5.9  0.75  6.91  0.70  5.70  0.75  6.91  1.00  5.90  0.75  5.70  0.87  87%  53%  US \$1	Roxgold Inc.	TSXV:ROG	US \$170	US \$28	US \$139	1.1	13.87	1.1	13.87	100%	0.8	11.83	8.0	11.83	100%	0.3	-	0.3	-	100%	84%	-	-
Sandspring Resources Ltd. TSX/SSP US \$11 US \$(2) US \$11   10.0 0.84 11.3 0.95 88% 4.1 1.00 4.6 1.12 90% 5.9 0.75 6.7 0.87 87% 53% US \$1 US \$1 Seabridge Gold, Inc. TSX/SSPA US \$309 US \$7 US \$301 87.8 0.54 156.7 0.97 56% 44.7 0.62 70.3 0.97 63% 43.1 0.48 86.4 0.97 50% 70% Sihayo Gold Limited ASX/SiH US \$8 US \$(8) US \$4 1.1 2.60 1.1 2.60 1.0 0.00 4.6 1.0 0.00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	Rubicon Minerals Corporation	TSX:RMX	US \$411	US \$21	US \$368	3.3	9.00	3.3	9.00	100%	-	-	-	-	-	3.3	9.00	3.3	9.00	100%	66%	-	-
Seabridge Gold, Inc. TSX:SEA US \$309 US \$7 US \$301 87.8 0.54 156.7 0.97 56% 44.7 0.62 70.3 0.97 63% 43.1 0.48 86.4 0.97 50% 70% - Sihayo Gold Limited ASX:SIH US \$8 US (\$0) US \$4 1.1 2.60 1.1 2.60 1.0% 0.4 2.41 0.4 2.41 10.0% 0.7 2.73 0.7 2.73 10.0% 43% - Solitario Exploration & Royalty Corp. AMEXXPL US \$25 US (\$3) US \$28 0.7 0.54 1.7 1.35 40% 0.4 0.4 0.4 0.4 0.83 0.5 0.92 90% 0.2 0.33 1.2 1.66 20% 40% - Terraco Gold Corp. TSXV:TEN US \$10 US (\$0) US \$10 1.0 0.70 1.0 0.70 1.0 0.70 10.0% 1.0 0.70 1.0 0.70 10.0 0.70 10.0% 1.0 0.70 1.0 0.70 10.0 0.70 10.0 0.70 1.0 0.0 0.8 0.8 0.8 0.70 1.0 0.8 0.8 0.70 1.0 0.8 0.8 0.70 1.0 0.70 1.0 0.70 1.0 0.70 1.0 0.70 1.0 0.70 1.0 0.0 0.8 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.8 0.0 0.0	Sabina Gold & Silver Corp.																						
Sihayo Gold Limited ASX:SIH US \$8 US (\$0) US \$4 1.1 2.60 1.1 2.60 100% 0.4 2.41 0.4 2.41 100% 0.7 2.73 0.7 2.73 100% 43% Solitario Exploration & Royalty Corp. AMEXXPL US \$25 US (\$3) US \$28 0.7 0.54 1.7 1.35 40% 0.4 0.83 0.5 0.92 90% 0.2 0.33 1.2 1.66 20% 40% Terraco Gold Corp. TSXVTEN US \$10 US \$10 US \$10 US \$10 1.0 0.70 1.0 0.70 1.0 0.70 100% 1.0 0.70 1.0 0.70 1.0 0.70 100% 8% US \$10	Sandspring Resources Ltd.																					US \$1	US \$1
Solitario Exploration & Royalty Corp. AMEXXPL US \$25 US \$(3) US \$28 US \$(3) US \$28 US \$(3) US \$28 US \$(3) US \$10 US \$(3) US \$(4)	Seabridge Gold, Inc.																					-	-
Terraco Gold Corp. TSX/TEN US \$10 US \$10 US \$10 US \$10											-											-	-
Torex Gold Resources Inc			-	, ,							0.4	0.83	0.5	0.92		-						-	110 010
True Gold Mining Inc. TSXV:TGM US \$77 US \$34 US \$41 4.5 1.10 4.5 1.10 100% 0.9 0.89 0.9 0.89 100% 3.6 - 3.6 - 100% 59% US \$9 US \$9 US \$9 Tyhee Gold Corp. TSXV:TDC US \$4 US (\$6) US \$9 2.2 2.08 12.0 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.	· ·										11	261	4.2	267								09 \$ 10	09910
Tyhee Gold Corp. TSXV:TDC US \$4 US (\$6) US \$9 2.2 2.08 2.2 2.08 100% 1.3 2.03 1.3 2.03 10% 0.9 2.17 0.9 2.17 100% 56%																						115 ¢0	116 60
Vast Resources plc AIM:VAST US \$19 US \$00 US \$20 2.3 1.58 2.3 1.58 100% 0.5 1.90 0.5 1.90 100% 1.8 1.51 1.8 1.51 100% 75% US \$8 US \$8 US \$8 VIctoria Gold Corp. TSXV:VIT US \$39 US \$10 US \$20 3.1 0.70 3.1 0.71 98% 2.3 0.78 2.3 0.78 100% 0.8 0.53 0.8 0.57 93% 12% US \$8 US \$9 US																						00 98	03 98
Mictoria Gold Corp.         T SXV:VNT         US \$39         US \$10         US \$26         3.1         0.70         3.1         0.71         98%         2.3         0.78         2.3         0.78         10%         0.8         0.57         93%         12%         US \$8         US \$19           Group Average - Total         # Companies: 52         # Companies: 52         US \$17         US \$17         US \$16         US \$17         US \$16         US \$17         US \$18         US \$18         US \$18         US \$18         US \$18         US \$10         U	•			, ,																		115 \$8	115 ¢8
Group Average - Total       # Companies: 56       US \$21       US \$19         Group Average - 0 - 20 million ounces       # Companies: 52       US \$17       US \$16         Group Average - 20 - 50 million ounces       # Companies: 2       US \$1       US \$1	'																						
Group Average - 0 - 20 million ounces         # Companies: 52         US \$17         US \$16           Group Average - 20 - 50 million ounces         # Companies: 2         US \$1         US \$1	· · · · · · · · · · · · · · · · · · ·	. 0/(۷. ۷11	00 400	00 910	υυ ψ <u>ε</u> υ				0.71	0070	2.0	0.70	2.0	0.70	10070	0.0	0.00	0.0	0.01	3370	12/0		
Group Average - 20 - 50 million ounces #Companies: 2 US \$1 US \$1		inces																					
• •																							
						•																	

Equivalency assumptions (US\$ / 06-18-15): \$1,175/oz Au, \$15.80/oz Ag, \$1,082/oz Pt, \$680/oz Pd, \$2.61/lb Cu, \$0.92/lb Zn, \$0.80/lb Pb, \$5.63/lb Ni, \$6.63/lb Mo, \$13.99/lb Co, \$7,550/t Sb, \$36.75/lb U3O8, \$0.20/lb Sn, \$93.00/t HCC, \$62.53/t 62% Fe Source: SNL Financial retrieved on June 26, 2015



## Gold Exploration-Stage Companies (Resource Only) - EV/oz Comparables

		Market	Working	Enterprise			erves &		ces			Reserve					ırces (Ma		nferred)			obal
Company	Symbol	Capitalization	Capital	Value	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	Au	Au	AuEq	AuEq	% Au	% Au	EV/oz	EV/oz
		(millions)	(millions)	(millions)	(Moz)	(g/t)	(Moz)	(g/t)		(Moz)	(g/t)	(Moz)	(g/t)	/v / tu	(Moz)	(g/t)	(Moz)	(g/t)		Inferred	Au	AuEq
Adventure Gold, Inc.	TSXV:AGE	US \$5	US \$1	US \$4	0.8	2.61	0.8	2.61	100%	-	-	-	-	-	8.0	2.61	0.8	2.61	100%	98%	US \$4	US \$4
Alexandria Minerals Corporation	TSXV:AZX	US \$9	US \$2	US \$8	1.5	1.77	2.0	2.39	74%	-		-	-	-	1.5	1.77	2.0	2.39	74%	48%	US \$5	US \$4
Atacama Pacific Gold Corporation	TSXV:ATM	US \$10	US (\$0)	US \$9	5.9	0.37	5.9	0.37	100%	3.7	0.40	3.7	0.40	100%	2.1	0.33	2.1	0.33	100%	29%	US \$2	US \$2
Balmoral Resources Ltd	TSX:BAR	US \$63	US \$8	US \$52	1.5	1.21	1.5	1.21	100%	-		-	-		1.5	1.21	1.5	1.21	100%	28%	US \$35	US \$35
Brazil Resources Inc.	TSXV:BRI	US \$39	US \$3	US \$36	3.1	1.27	3.1	1.27	100%	-	-	-	-	-	3.1	1.27	3.1	1.27	100%	52%	US \$12	US \$12
Calibre Mining Corp.	TSXV:CXB	US \$26	US \$2	US \$25	0.6	2.16	0.7	2.74	79%	-		-	-	-	0.6	2.16	0.7	2.74	79%	100%	US \$44	US \$35
Columbus Gold Corp.	TSXV:CGT	US \$50	US \$4	US \$47	2.5	1.48	2.5	1.48	100%	-	-	-	-	-	2.5	1.48	2.5	1.48	100%	22%	US \$19	US \$19
Condor Gold PLC	AIM:CNR	US \$43	US \$8	US \$35	3.8	3.06	4.2	3.34	91%	0.7	3.04	0.7	3.11	98%	3.1	3.06	3.5	3.39	90%	66%	US \$9	US \$8
Corvus Gold Inc.	TSX:KOR	US \$47	US \$6	US \$42	2.3	0.30	2.4	0.31	95%	-	-	-	-	-	2.3	0.30	2.4	0.31	95%	84%	US \$18	US \$17
Eagle Hill Exploration Corporation	TSXV:EAG	US \$19	US \$1	US \$18	1.6	7.96	1.6	7.96	100%	-			-		1.6	7.96	1.6	7.96	100%	53%	US \$11	US \$11
Eastmain Resources Inc.	TSX:ER	US \$44	US \$3	US \$40	1.8	4.37	1.8	4.37	100%	-		-	-	-	1.8	4.37	1.8	4.37	100%	34%	US \$22	US \$22
Eco Oro Minerals Corp	TSX:EOM	US \$48	US \$1	US \$44	0.3	2.86	0.3	2.92	98%	-	-	-	-	-	0.3	2.86	0.3	2.92	98%	100%	US \$157	US \$153
Ecuador Gold and Copper Corp.	TSXV:EGX	US \$6	US (\$3)	US \$8	9.6	0.41	14.6	0.63	66%	-					9.6	0.41	14.6	0.63	66%	25%	US \$1	US \$1
Eurasian Minerals Inc.	TSXV:EMX	US \$34	US \$4	US \$30	4.0	0.13	31.3	1.06	13%						4.0	0.13	31.3	1.06	13%	63%	US \$8	US \$1
Falco Resources Ltd.	TSXV:FPC	US \$31	US \$5	US \$25	2.2	2.60	2.9	3.44	76%						2.2	2.60	2.9	3.44	76%	99%	US \$11	US \$9
Geologix Explorations Inc.	TSX:GIX	US \$5	US \$1	US \$4	1.7	0.28	3.5	0.59	47%	1.5	0.31	3.0	0.63	49%	0.2	0.15	0.5	0.43	36%	100%	US \$2	US \$1
GobiMin Inc.	TSXV:GMN	US \$20	US \$24	US (\$10)	2.9	1.48	4.7	2.37	63%	1.0	0.01	- 0.0	0.00	- 70 /0	2.9	1.48	4.7	2.37	63%	63%	00 ¥2	00 ψ1
Gold Bullion Development Corp.	TSXV:GBB	US \$5	US (\$2)	US \$5	2.7	1.04	2.7	1.06	97%	-	·	•		•	2.7	1.04	2.7	1.06	97%	39%	US \$2	US \$2
Gold Canyon Resources Inc.	TSXV:GCU	US \$19	US \$2	US \$18	5.4	1.07	5.7	1.14	93%						5.4	1.07	5.7	1.14	93%	15%	US \$3	US \$3
Gold Standard Ventures Corp	TSXV:GSV	US \$83	US \$4	US \$79	2.1	0.63	2.2	0.67	94%	_					2.1	0.63	2.2	0.67	94%	80%	US \$38	US \$36
Golden Reign Resources Ltd.	TSXV:GRR	US \$8	US \$1	US \$7	0.9	7.81	1.0	7.98	98%	-	-	-	-	-	0.9	7.81	1.0	7.98	98%	84%	US \$7	US \$7
Goldguest Mining Corp.	TSXV:GQC	US \$15	US \$3	US \$11	2.8	2.40	4.1	3.55	68%	-	•	•	•	-	2.8	2.40	4.1	3.55	68%	32%	US \$4	US \$3
		-				9.47		9.47	100%	-	•	•	-	•		9.47		9.47		33%		
Harte Gold Corp.	TSX:HRT	US \$10	US \$1	US \$9	0.5		0.5			-			-		0.5		0.5		100%		US \$20	US \$20
IDM Mining Ltd.	TSX:IDM	US \$5	US (\$4)	US \$5	0.5	8.06	0.5	8.41	96%	-	•	-	-	•	0.5	8.06	0.5	8.41	96%	18%	US \$10	US \$9
Kasbah Resources Limited	ASX:KAS	US \$15	US \$2	US \$10	0.2	0.76	0.3	0.84	91%	-	•	0.0	0.09		0.2	4.21	0.2	4.21	100%	-	US \$45	US \$41
Kilo Goldmines Ltd.	TSXV:KGL	US \$3	US \$2	US \$0	1.2	2.51	1.2	2.51	100%	-	•	-	-	•	1.2	2.51	1.2	2.51	100%	100%	US \$0	US \$0
Lexam VG Gold Inc.	TSX:LEX	US \$15	US \$1	US \$13	2.4	2.74	2.4	2.74	100%	-	•	-	-	-	2.4	2.74	2.4	2.74	100%	39%	US \$5	US \$5
Lion One Metals Limited	TSXV:LIO	US \$21	US \$4	US \$17	8.0	0.10	13.5	1.74	6%	-	•	-	-	-	0.8	0.10	13.5	1.74	6%	61%	US \$23	US \$1
Marathon Gold Corporation	TSX:MOZ	US \$16	US \$4	US \$16	1.6	2.24	1.6	2.24	100%	-	-	-	-	-	1.6	2.24	1.6	2.24	100%	20%	US \$10	US \$10
New Pacific Metals Corp.	TSX:NUX	US \$9	US \$19	US (\$10)	1.0	6.48	1.2	7.84	83%	-	•	-	-	-	1.0	6.48	1.2	7.84	83%	37%	-	-
Newmarket Gold Inc.	TSXV:NGN	US \$9	US \$1	US \$7	0.5	1.07	1.3	2.95	36%	-	•	•	-	•	0.5	1.07	1.3	2.95	36%	100%	US \$15	US \$5
Nighthawk Gold Corp.	TSXV:NHK	US \$7	US \$2	US \$5	2.4	1.69	2.4	1.69	100%	-	•	-	-	-	2.4	1.69	2.4	1.69	100%	88%	US \$2	US \$2
Niogold Mining Corp.	TSXV:NOX	US \$39	US \$4	US \$35	2.2	1.37	2.2	1.37	100%	-		-	-	-	2.2	1.37	2.2	1.37	100%	28%	US \$16	US \$16
Northern Gold Mining Inc.	TSXV:NGM	US \$5	US (\$1)	US \$6	2.1	1.68	2.1	1.68	100%	-		-	-	-	2.1	1.68	2.1	1.68	100%	39%	US \$3	US \$3
Orca Gold Inc.	TSXV:ORG	US \$22	US \$19	US (\$6)	1.6	1.78	1.6	1.83	97%	-	-	-	-	-	1.6	1.78	1.6	1.83	97%	28%	-	-
Orex Minerals Inc.	TSXV:REX	US \$18	US \$1	US \$17	0.4	1.18	0.4	1.19	99%	-		-	-	-	0.4	1.18	0.4	1.19	99%	53%	US \$40	US \$39
Puma Exploration Inc.	TSXV:PUM	US \$11	US \$0	US \$11	0.3	1.45	0.9	4.90	30%	-	-	-	-	-	0.3	1.45	0.9	4.90	30%	2%	US \$40	US \$12
Pure Gold Mining Inc.	TSXV:PGM	US \$15	US \$4	US \$9	1.2	9.47	1.2	9.47	100%	-		-	-	-	1.2	9.47	1.2	9.47	100%	24%	US \$8	US \$8
Renaissance Minerals Limited	ASX:RNS	US \$11	US \$3	US \$8	1.2	2.39	1.2	2.39	100%	-	-	-	-	-	1.2	2.39	1.2	2.39	100%	8%	US \$7	US \$7
Rye Patch Gold Corp.	TSXV:RPM	US \$19	US \$5	US \$15	2.8	0.36	3.4	0.44	83%	-			-		2.8	0.36	3.4	0.44	83%	31%	US \$5	US \$4
Sarama Resources Limited	TSXV:SWA	US \$7	US \$2	US \$5	0.4	1.60	0.4	1.60	100%	-	-	-	-	-	0.4	1.60	0.4	1.60	100%	100%	US \$12	US \$12
Spanish Mountain Gold Ltd	TSXV:SPA	US \$7	US (\$1)	US \$7	7.0	0.40	7.2	0.41	98%	-		-	-		7.0	0.40	7.2	0.41	98%	50%	US \$1	US \$1
Sunward Resources Ltd	TSX:SWD	US \$21	US \$21	US \$1	10.6	0.52	12.5	0.61	85%	-			-		10.6	0.52	12.5	0.61	85%	57%	US \$0	US \$0
Temex Resources Corp.	TSXV:TME	US \$10	US \$1	US \$8	4.5	1.11	4.6	1.12	99%	-	-	-	-	-	4.5	1.11	4.6	1.12	99%	66%	US \$2	US \$2
Teras Resources Inc.	TSXV:TRA	US \$9	US \$1	US \$7	1.1	0.48	1.3	0.56	87%	-	-	-	-	-	1.1	0.48	1.3	0.56	87%	10%	US \$6	US \$5
Treasury Metals Inc.	TSX:TML	US \$35	US (\$0)	US \$38	1.7	2.02	2.0	2.34	86%	-	-	-	-	-	1.7	2.02	2.0	2.34	86%	52%	US \$22	US \$19
TriMetals Mining Inc.	TSX:TMI	US \$7	US \$3	US \$3	1.7	0.06	15.1	0.59	11%	-					1.7	0.06	15.1	0.59	11%	50%	US \$2	US \$0
WCB Resources Ltd.	TSXV:WCB	US \$7	US \$1	US \$6	1.4	1.10	1.5	1.18	93%	-		-			1.4	1.10	1.5	1.18	93%	22%	US \$4	US \$4
West Kirkland Mining Inc.	TSXV:WKM	US \$14	US \$2	US \$12	0.9	0.49	1.2	0.62	79%	0.6	0.58	0.7	0.69	84%	0.4	0.40	0.5	0.56	72%	46%	US \$13	US \$10
Group Average - Total	i OAV.TTINI	00 917	00 ψ <u>z</u>	JU ψ 12	# Comp			0.02	10/0	0.0	0.00	0.1	0.03	UT /0	0.4	0.70	0.0	0.00	1 4 /0	TU /0	US \$16	US \$13

Equivalency assumptions (US\$ / 06-18-15): \$1,175/oz Au, \$15.80/oz Ag, \$1,082/oz Pt, \$680/oz Pd, \$2.61/b Cu, \$0.92/b Zn, \$0.80/b Pb, \$5.63/b Ni, \$6.63/b Mo, \$13.99/b Co, \$7,550/t Sb, \$36.75/b U3O8, \$0.20/b Sn, \$93.00/t HCC, \$62.53/t 62% Fe Source: SNL Financial retrieved on June 26, 2015



## Silver - EV/oz Comparables

		Market	Working	Enterprise	Glo	bal Res	erves &	Resour	ces			Reserve	s			Resou	rces (Ma	&I and I	nferred)		Glo	obal
Company	Symbol	Capitalization	Capital	Value	Ag	Ag	AgEq	AgEq	% Ag	Ag	Ag	AgEq	AgEq	% Ag	Ag	Ag	AgEq	AgEq	% Ag	% Ag	EV/oz	EV/oz
		(millions)	(millions)	(millions)	(Moz)	(g/t)	(Moz)	(g/t)	% Ag	(Moz)	(g/t)	(Moz)	(g/t)	% Ag	(Moz)	(g/t)	(Moz)	(g/t)	% Ag	Inferred	Ag	AgEq
Alexco Resource Corporation	TSX:AXR	US \$25	US \$9	US \$19	60	309	104	538	57%	-	-	-	-	-	60	309	104	538	57%	16%	US \$0.33	US \$0.19
Argentex Mining Corporation	OTCPK:AGXM.F	US \$2	US \$1	US \$1	26	93	50	183	51%	-	-	-	-	-	26	93	50	183	51%	18%	US \$0.06	US \$0.03
Athena Silver Corp	OTCPK:AHNR	US \$3	US (\$2)	US \$4	43	67	43	67	100%	-	-	-	-	-	43	67	43	67	100%	-	US \$0.09	US \$0.09
Bear Creek Mining Corp.	TSXV:BCM	US \$70	US \$29	US \$39	523	41	1,012	79	52%	291	52	576	103	51%	232	32	436	60	53%	33%	US \$0.07	US \$0.04
Defiance Silver Corp.	TSXV:DEF	US \$6	US (\$0)	US \$6	17	182	18	192	95%	-	-	-	-	-	17	182	18	192	95%	100%	US \$0.34	US \$0.32
Dolly Varden Silver Corporation	TSXV:DV	US \$3	US \$1	US \$2	14	333	14	333	100%	14	333	14	333	100%	-	-	-	-	-	-	US \$0.14	US \$0.14
Global Minerals Ltd.	TSXV:CTG	US \$0	US (\$0)	US \$0	27	254	54	505	50%	-	-	-	-	-	27	254	54	505	50%	26%	US \$0.00	US \$0.00
Golden Arrow Resources Corp.	TSXV:GRG	US \$14	US \$1	US \$13	113	75	174	116	65%	-	-	-	-	-	113	75	174	116	65%	36%	US \$0.12	US \$0.08
Golden Minerals Company	AMEX:AUMN	US \$19	US \$6	US \$4	143	42	376	110	38%	-	-	-	-	-	143	42	376	110	38%	58%	US \$0.03	US \$0.01
Iberian Minerals Ltd.	TSXV:IML	US \$10	US \$5	US \$10	22	8	286	104	8%	-	-	-	-	-	22	8	286	104	8%	-	US \$0.44	US \$0.03
Investigator Resources Limited	ASX:IVR	US \$5	US \$3	US \$1	21	110	25	131	84%	-	-	-	-	-	21	110	25	131	84%	100%	US \$0.07	US \$0.06
Kootenay Silver Inc	TSXV:KTN	US \$25	US \$2	US \$23	53	27	160	82	33%	-	-	-	-	-	53	27	160	82	33%	24%	US \$0.44	US \$0.15
Levon Resources Ltd.	TSX:LVN	US \$86	US \$40	US \$46	533	18	1,467	48	36%	-	-	-	-	-	533	18	1,467	48	36%	8%	US \$0.09	US \$0.03
MacPhersons Resources Limited	ASX:MRP	US \$21	US \$2	US \$17	20	40	80	156	25%	8	178	14	306	58%	12	26	65	141	18%	29%	US \$0.85	US \$0.22
MAG Silver Corp.	TSX:MAG	US \$567	US \$84	US \$482	152	66	461	200	33%	-	-	-	-	-	152	66	461	200	33%	52%	US \$3.16	US \$1.04
Minco Silver Corporation	TSX:MSV	US \$27	US \$55	US (\$18)	156	178	201	229	78%	50	189	60	229	82%	106	173	141	229	75%	60%	-	-
Mines Management, Inc.	AMEX:MGN	US \$16	US \$2	US \$17	231	68	515	151	45%	-	-	-	-	-	231	68	515	151	45%	28%	US \$0.07	US \$0.03
Northair Silver Corp.	TSXV:INM	US \$7	US \$4	US \$3	63	85	75	102	84%	-	-	-	-	-	63	85	75	102	84%	18%	US \$0.04	US \$0.04
Silver Bear Resources Inc.	TSX:SBR	US \$10	US (\$1)	US \$13	55	342	55	342	100%	-	-	-	-	-	55	342	55	342	100%	57%	US \$0.24	US \$0.24
Silver Bull Resources, Inc.	AMEX:SVBL	US \$16	US \$2	US \$14	91	48	395	208	23%	-	-	-	-	-	91	48	395	208	23%	0%	US \$0.15	US \$0.04
Silver Predator Corp.	TSXV:SPD	US \$2	US \$0	US \$5	21	60	28	81	74%	-	-	-	-	-	21	60	28	81	74%	19%	US \$0.26	US \$0.19
Silver Range Resources Ltd.	TSXV:SNG	US \$3	US \$2	US \$1	40	28	176	120	23%	-	-	-	-	-	40	28	176	120	23%	96%	US \$0.02	US \$0.00
Soltoro Ltd.	TSXV:SOL	US \$24	US (\$1)	US \$24	33	123	44	163	76%	-	-	-	-	-	33	123	44	163	76%	35%	US \$0.72	US \$0.54
Tinka Resources Ltd.	TSXV:TK	US \$29	US \$2	US \$27	33	35	136	145	24%	-	-	-	-	-	33	35	136	145	24%	57%	US \$0.81	US \$0.20
Group Average - Total					# Comp	anies: 2	25														US \$0.37	US \$0.16

Equivalency assumptions (US\$ / 06-18-15): \$1,175/oz Au, \$15.80/oz Ag, \$1,082/oz Pt, \$680/oz Pd, \$2.61/lb Cu, \$0.92/lb Zn, \$0.80/lb Pb, \$5.63/lb Ni, \$6.63/lb Mo, \$13.99/lb Co, \$7,550/t Sb, \$36.75/lb U3O8, \$0.20/lb Sn, \$93.00/t HCC, \$62.53/t 62% Fe Source: SNL Financial retrieved on June 26, 2015

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## **Copper Non-Producers - EV/lb Comparables**

			Shares	Market	Working	LTD	Enterprise	Primary /	Copper	Pacaryas & Pacay	rces* - Attributable		
Company	Symbol	Price	O/S	Capitalization	Capital	Value	Value	Secondary	Ratio***	Reserve (P&P)	Resource (Total)	EV/Ib CuE	Eq** (US\$)
Company	Syllibol	FIICE	(millions)	(millions)	(millions)	(millions)	(millions)	Metal	(% Contained)	(CuEq** MIb)	(CuEq** MIb)	Reserve	∟զ (ԾԾմ) Total
Africo Resources Ltd.	TSX:ARL	C\$ 0.39	71.3	US\$ 22	US\$ 48.5	US\$ 0.0	US\$ (26)	Cu / Co	52%	- (CuEq MID)	3.662	-	-
AQM Copper Inc.	TSXV:AQM	C\$ 0.06	141.0	US\$ 6	US\$ 1.9	US\$ 0.0	US\$4	Cu / Au	90%	-	2,026	-	\$0.002
Aquila Resources Inc.	TSX:AQA	C\$ 0.16	220.8	US\$ 29	US\$ 2.3	US\$ 6.5	US\$ 33	Au / Zn	19%	-	1,587	-	\$0.021
Candente Copper Corp.	TSX:DNT	C\$ 0.08	151.7	US\$ 10	US\$ (1.0)	US\$ 0.0	US\$ 11	Cu / Au	89%		12,427	-	\$0.001
Colorado Resources Ltd.	TSXV:CXO	C\$ 0.09	47.2	US\$3	US\$ 2.7	US\$ 0.0	US\$ 1	Cu / Au	59%	-	1,165	-	\$0.001
Copper Fox Metals Inc	TSXV:CUU	C\$ 0.22	407.7	US\$ 73	US\$ 4.1	US\$ 0.0	US\$ 68	Cu / Au	68%	2,375	5,648	\$0.029	\$0.012
Coro Mining Corp.	TSX:COP	C\$ 0.03	159.4	US\$ 4	US\$ 0.0	US\$ 0.3	US\$ 4	Cu / Au	84%	195	965	\$0.021	\$0.004
Crazy Horse Resources Inc.	TSXV:CZH	C\$ 0.02	48.6	US\$1	US\$ 0.5	US\$ 0.0	US\$0	Cu / Au	80%	2,638	5,794	\$0.000	\$0.000
EurOmax Resources Limited	TSXV:EOX	C\$ 0.52	116.8	US\$ 49	US\$ (0.4)	US\$ 0.0	US\$ 50	Cu / Au	48%	1,848	2,680	\$0.027	\$0.018
Exeter Resource Corporation	TSX:XRC	C\$ 0.60	88.4	US\$ 43	US\$ 21.2	US\$ 0.0	US\$ 22	Au / Cu	41%	12,504	22,559	\$0.002	\$0.001
Foran Mining Corporation	TSXV:FOM	C\$ 0.17	90.8	US\$ 12	US\$ 1.9	US\$ 0.0	US\$ 10	Cu / Zn	46%	-	1,756	-	\$0.006
Getty Copper Inc.	TSXV:GTC	C\$ 0.03	108.4	US\$ 3	US\$ (0.5)	US\$ 0.0	US\$ 3	Cu / Mo	96%	620	969	\$0.005	\$0.003
Gold Reach Resources Ltd.	TSXV:GRV	C\$ 0.20	38.6	US\$ 6	US\$ 0.5	US\$ 0.0	US\$ 6	Cu / Mo	68%	-	5,444	-	\$0.001
Highland Copper Co Inc.	TSXV:HI	C\$ 0.14	129.5	US\$ 15	US\$ (8.1)	US\$ 0.0	US\$ 23	Cu / Ag	96%	871	6,019	\$0.026	\$0.004
Indico Resources Ltd.	TSXV:IDI	C\$ 0.10	107.0	US\$ 9	US\$ (2.0)	US\$ 0.0	US\$ 11	Cu / -	100%	-	410	-	\$0.026
Kiska Metals Corporation	TSXV:KSK	C\$ 0.02	115.5	US\$ 2	US\$ 1.3	US\$ 0.0	US\$ 1	Au / Cu	38%	-	2,048	-	\$0.000
Los Andes Copper Limited	TSXV:LA	C\$ 0.20	210.0	US\$ 34	US\$ 0.2	US\$ 0.0	US\$ 34	Cu / Mo	89%	-	12,305	-	\$0.003
Marengo Mining Limited	TSX:MRN	C\$ 0.01	1137.9	US\$ 5	US\$ (15.3)	US\$ 37.2	US\$ 57	Cu / Au	84%	-	7,561	-	\$0.008
Nevada Copper Corp.	TSX:NCU	C\$ 1.58	80.5	US\$ 103	US\$ (0.0)	US\$ 87.1	US\$ 190	Cu / Au	91%	5,791	7,917	\$0.033	\$0.024
NGEx Resources Inc.	TSX:NGQ	C\$ 0.90	187.7	US\$ 137	US\$ 4.0	US\$ 0.0	US\$ 133	Cu / Au	76%	-	27,655	-	\$0.005
Northern Dynasty Minerals Ltd.	TSX:NDM	C\$ 0.44	105.0	US\$ 37	US\$ 1.5	US\$ 0.0	US\$ 35	Cu / Au	57%	-	142,635	-	\$0.000
Northisle Copper and Gold Inc.	TSXV:NCX	C\$ 0.03	77.0	US\$ 2	US\$ (0.1)	US\$ 0.0	US\$ 2	Cu / Au	51%	-	4,358	-	\$0.000
NovaCopper Inc.	TSX:NCQ	C\$ 0.63	103.3	US\$ 53	US\$ 3.7	US\$ 0.0	US\$ 49	Cu / Zn	83%	-	9,685	-	\$0.005
Oracle Mining Corp.	TSX:OMN	C\$ 0.02	65.1	US\$ 1	US\$ (6.5)	US\$ 0.3	US\$ 8	Cu / Ag	87%	-	472	-	\$0.017
Panoro Minerals Ltd.	TSXV:PML	C\$ 0.15	220.6	US\$ 26	US\$ 3.3	US\$ 0.0	US\$ 23	Cu / Au	77%	-	10,114	-	\$0.002
Polymet Mining Corp.	TSX:POM	C\$ 1.44	276.5	US\$ 322	US\$ (48.6)	US\$ 0.0	US\$ 371	Cu / Ni	49%	3,145	10,139	\$0.118	\$0.037
Quaterra Resources Inc.	TSXV:QTA	C\$ 0.09	193.5	US\$ 14	US\$ 2.9	US\$ 0.4	US\$ 12	Cu / Ag	96%	-	8,247	-	\$0.001
Redhawk Resources, Inc.	TSX:RDK	C\$ 0.06	157.7	US\$ 8	US\$ 0.2	US\$ 0.4	US\$ 8	Cu / Mo	92%	-	3,835	-	\$0.002
Regulus Resources Inc	TSXV:REG	C\$ 0.33	56.4	US\$ 15	US\$ 7.3	US\$ 0.0	US\$ 8	Cu / Au	0%	-	7,290	-	\$0.001
Reservoir Minerals Inc.	TSXV:RMC	C\$ 4.36	47.9	US\$ 169	US\$ 28.8	US\$ 0.0	US\$ 140	Cu / Au	71%	-	3,419	-	\$0.041
Serengeti Resources Inc.	TSXV:SIR	C\$ 0.04	51.1	US\$ 1	US\$ 0.1	US\$ 0.0	US\$ 1	Cu / Au	67%	-	4,153	-	\$0.000
St Augustine Gold and Copper Limited	TSX:SAU	C\$ 0.12	726.8	US\$ 71	US\$ 7.9	US\$ 0.0	US\$ 63	Cu / Au	58%	2,131	3,263	\$0.029	\$0.019
Sunridge Gold Corp.	TSXV:SGC	C\$ 0.18	209.9	US\$ 31	US\$ 5.6	US\$ 0.0	US\$ 25	Cu / Zn	50%	2,182	3,491	\$0.011	\$0.007
Tintina Resources Inc.	TSXV:TAU	C\$ 0.06	222.5	US\$ 10	US\$ 10.7	US\$ 0.0	US\$ (1)	Cu / Co	86%	-	1,538	-	•
Western Copper and Gold Corporation	TSX:WRN	C\$ 0.56	94.2	US\$ 43	US\$ 11.3	US\$ 0.0	US\$ 31	Cu / Au	45%	10,033	22,599	\$0.003	\$0.001
Yellowhead Mining Inc.	TSX:YMI	C\$ 0.09	99.0	US\$ 7	US\$ 1.3	US\$ 0.0	US\$ 6	Cu / Au	91%	4,475	8,701	\$0.001	\$0.001
Group Average - Total												\$0.024	\$0.008

<sup>\*</sup>All reserve and resource data sourced from IntierraRMG, additional data sourced from Capital IQ and Market Q.

<sup>\*\*</sup>CuEq = copper equivalent. Calculated based on Haywood's formal long-term metal price forecasts.

<sup>\*\*\*</sup>Copper Ratio = value of in situ copper / total value of in situ metals.





## Nickel Non-Producers - EV/lb Comparables

			Shares	Market	Working	LTD	Enterprise	Primary /	Nickel	Reserves & Resou	ırces* - Attributable		
Company	Symbol	Price	O/S	Capitalization	Capital	Value	Value	Secondary	Ratio***	Reserve (P&P)	Resource (Total)	EV/lb NiE	q** (US\$)
			(millions)	(millions)	(millions)	(millions)	(millions)	Metal	(% Contained)	(NiEq** MIb)	(NiEq** MIb)	Reserve	Total
Anfield Nickel Corp.	TSXV:ANF	C\$ 0.85	43.4	US\$ 30	US\$ 2.1	US\$ 0.0	US\$ 28	Ni / Co	99%	2,169	3,616	\$0.013	\$0.008
Asian Mineral Resources Limited	TSXV:ASN	C\$ 0.05	779.5	US\$ 32	US\$ 10.0	US\$ 8.0	US\$ 30	Ni / Cu	86%	85	146	\$0.349	\$0.202
Canadian Arrow Mines Ltd.	TSXV:CRO	C\$ 0.01	140.0	US\$ 1	US\$ (0.4)	US\$ 0.0	US\$ 1	Ni / Cu	82%	-	141	-	\$0.007
CaNickel Mining Limited	TSX:CML	C\$ 0.11	37.5	US\$ 3	US\$ (49.8)	US\$ 0.0	US\$ 53	Ni / -	100%	83	370	\$0.644	\$0.144
First Point Minerals Corp.	TSX:FPX	C\$ 0.08	105.8	US\$ 6	US\$ 1.2	US\$ 0.0	US\$ 5	Ni / -	100%	-	2,186	-	\$0.002
Hard Creek Nickel Corporation	TSXV:HNC	C\$ 0.01	90.4	US\$ 0	US\$ 0.0	US\$ 0.0	US\$ 0	Ni / Co	91%	-	9,161	-	\$0.000
IMX Resources Limited	TSX:IXR	C\$ 0.02	396.5	US\$ 5	US\$ 1.3	US\$ 0.0	US\$ 4	Ni / Co	91%	14	2,994	\$0.252	\$0.001
Mustang Minerals Corp.	TSXV:MUM	C\$ 0.01	256.5	US\$ 2	US\$ 0.3	US\$ 0.0	US\$ 2	Co / Ni	38%	2	1,176	\$0.746	\$0.001
Noront Resources Ltd	TSXV:NOT	C\$ 0.49	232.2	US\$ 92	US\$ (19.7)	US\$ 0.0	US\$ 112	Ni / Cu	78%	498	851	\$0.224	\$0.131
North American Nickel Inc.	TSXV:NAN	C\$ 0.23	122.2	US\$ 23	US\$ 4.6	US\$ 0.0	US\$ 18	Ni / Cu	0%	-	-	-	
Northern Shield Resources Inc.	TSXV:NRN	C\$ 0.03	152.6	US\$ 4	US\$ 0.2	US\$ 0.0	US\$ 3	Ni / Cu	0%	-	-	-	
Poseidon Nickel Limited	ASX:POS	A\$ 0.14	691.4	US\$ 71	US\$ 8.7	US\$ 26.0	US\$ 89	Ni / Au	98%	171	1,284	\$0.518	\$0.069
Royal Nickel Corporation	TSX:RNX	C\$ 0.40	109.8	US\$ 35	US\$ 0.8	US\$ 0.0	US\$ 34	Ni / Co	94%	7,217	13,124	\$0.005	\$0.003
Sama Resources Inc.	TSXV:SME	C\$ 0.18	99.2	US\$ 14	US\$ 0.4	US\$ 0.0	US\$ 14	Ni / Cu	71%	-	195	-	\$0.072
Sirius Resources NL	ASX:SIR	C\$ 3.43	412.2	US\$ 1,144	US\$ 191.9	US\$ 0.0	US\$ 952	Ni / Cu	83%	726	861	\$1.311	\$1.105
Strongbow Exploration Inc.	TSXV:SBW	C\$ 0.12	9.1	US\$ 1	US\$ 0.0	US\$ 0.0	US\$ 1	Ni / Cu	86%	-	417	-	\$0.002
Talon Metals Corporation	TSX:TLO	C\$ 0.15	106.8	US\$ 13	US\$ (0.5)	US\$ 0.0	US\$ 13	Ni / Fe	56%	-	125	-	\$0.108
Victory Nickel Inc.	TSX:NI	C\$ 0.06	57.6	US\$ 3	US\$ (5.9)	US\$ 4.3	US\$ 13	Ni / Cu	90%	423	1,033	\$0.031	\$0.013
Group Average - Total												\$0.409	\$0.117

<sup>\*</sup>All reserve and resource data sourced from IntierraRMG, additional data sourced from Capital IQ and Market Q.

### **Zinc Non-Producers – EV/lb Comparables**

			Shares	Market	Working	LTD	Enterprise	Primary /	Zinc	Reserves & Resou	ırces* - Attributable		
Company	Symbol	Price	O/S	Capitalization	Capital	Value	Value	Secondary	Ratio***	Reserve (P&P)	Resource (Total)		Eq** (US\$) Total
Canada Zinc Metals Corp.	TSXV:CZX	C\$ 0.23	(millions) 152.6	(millions) US\$ 28	(millions) US\$ 7.7	(millions) US\$ 0.0	(millions) US\$ 20	Metal Zn / Pb	(% Contained) 82%	(ZnEq** MIb)	(ZnEq** MIb) 6,096	Reserve -	\$0.003
Canadian Zinc Corporation	TSX:CZN	C\$ 0.14	218.0	US\$ 25	US\$ 6.7	US\$ 0.0	US\$ 18	Zn / Pb	40%	2,525	10,077	\$0.007	\$0.002
El Nino Ventures Inc.	TSXV:ELN	C\$ 0.03	37.1	US\$ 1	US\$ (0.1)	US\$ 0.0	US\$ 1	Zn / Cu	45%	-	1,357	-	\$0.001
Firestone Ventures Inc.	TSXV:FV	C\$ 0.01	36.8	US\$ 0	US\$ (0.6)	US\$ 0.0	US\$ 1	Zn / Pb	73%	-	454	-	\$0.002
Foran Mining Corporation	TSXV:FOM	C\$ 0.17	90.8	US\$ 12	US\$ 1.9	US\$ 0.0	US\$ 10	Cu / Zn	33%	-	4,962	-	\$0.002
InZinc Mining Ltd.	TSXV:IZN	C\$ 0.11	72.2	US\$ 6	US\$ 0.8	US\$ 0.0	US\$ 5	Zn / Cu	77%	-	3,873	-	\$0.001
Rathdowney Resources Ltd.	TSXV:RTH	C\$ 0.22	118.1	US\$ 21	US\$ 2.7	US\$ 0.0	US\$ 18	Zn / Pb	80%	-	3,437	-	\$0.005
Selwyn Resources Ltd.	TSXV:SWN	C\$ 1.85	3.9	US\$6	US\$ 3.4	US\$ 0.0	US\$2	Zn / Pb	63%	-	1,531	-	\$0.002
Sunridge Gold Corp.	TSXV:SGC	C\$ 0.18	209.9	US\$ 31	US\$ 5.6	US\$ 0.0	US\$ 25	Cu / Zn	29%	6,167	9,867	\$0.004	\$0.003
Wolfden Resources Corp.	TSXV:WLF	C\$ 0.14	67.1	US\$ 8	US\$ 2.5	US\$ 0.0	US\$ 5	Au / Zn	29%	-	4,516	-	\$0.001
Zazu Metals Corporation	TSX:ZAZ	C\$ 0.20	55.4	US\$ 9	US\$ (0.2)	US\$ 0.0	US\$ 9	Zn / Pb	69%	-	3,077	-	\$0.003
Group Average - Total												\$0.006	\$0.002

<sup>\*</sup>All reserve and resource data sourced from IntierraRMG, additional data sourced from Capital IQ and Market Q.

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<sup>\*\*</sup>NiEq = nickel equivalent. Calculated based on Haywood's formal long-term metal price forecasts.

<sup>\*\*\*</sup>Nickel Ratio = value of in situ nickel / total value of in situ metals.

<sup>\*\*</sup>ZnEq = Zinc equivalent. Calculated based on Haywood's formal long-term metal price forecasts.

<sup>\*\*\*</sup>Zinc Ratio = value of in situ zinc / total value of in situ metals.



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We, Geordie Mark, Mick Carew, Colin Healey, Kerry Smith, Stefan Ioannou, Ben Asuncion and Tara Hassan, hereby certify that the views expressed in this report (which includes the rating assigned to the issuer's shares as well as the analytical substance and tone of the report) accurately reflect my/our personal views about the subject securities and the issuer. No part of my/our compensation was, is, or will be directly or indirectly related to the specific recommendations.



## **Important Disclosures**

Of the companies included in the report the following Important Disclosures apply:

<b>-</b> : 1						_		_	
Ticker	Company	1	2	3	4	5	6	7	8
TSX:AGI	Alamos Gold Inc.			Х					
TSX:AKG	Asanko Gold Inc.		Х	Х	Х				
TSX:BTO	B2Gold Corp.			Х					
TSX:ABX	Barrick Gold Corporation			Х					
TSX:CS	Capstone Mining Corp.			Χ					
TSXV:CMM	Castle Mountain Mining Company	Х		Χ	Χ	Χ			
TSX:CUM	Copper Mountain Mining Corp.			Χ					
TSX:COP	Coro Mining Inc.	Х	Χ	Χ			Χ		
TSX:DML	Denison Mines Corp.			Χ	Χ				
TSX:DGC	Detour Gold Corporation	Х		Χ	Χ				
TSX:ELD	Eldorado Gold Corporation	Х		Χ					
TSX:EDV	Endeavour Mining Corp.	Х		Х					
TSX:EDR	Endeavour Silver Corp.			Х					
TSX:EFR	Energy Fuels Inc.			Х			Χ		
TSX:FM	First Quantum Minerals Ltd.			Х	Х				
TSXV:FOM	Foran Mining Corp.			Х		Х			
TSX:FVI	Fortuna Silver Mines Inc.			Х					
TSXV:HI	Highland Copper Company Inc	Х		Х		Х			
TSX:HBM	Hudbay Minerals, Inc.	X		Х					
TSXV:ICG	Integra Gold Corp.			X	Х	Х			
TSX:KDX	Klondex Mines Ltd.			X	X				
TSX:LSG	Lake Shore Gold Corp.	Х		X	^				
TSX:LUC	Lucara Diamond Corp.	^	Х	X					
TSX:LGC	Luna Gold Corp.		^	X		Х			
TSX:LUN	•	Х		X	Х	X			
	Lundin Mining Corporation	^		^	X	^			
TSX:LYD	Lydian International Ltd.			.,	Α				
TSX:MND	Mandalay Resources Corp.			X					
TSX:MAX	Midas Gold Corp.	Х	X	X	X		Х		
TSX:MPV	Mountain Province Diamonds Inc.		Х	Х	Х				
TSX:NSU	Nevsun Resources Ltd.			Х					
TSX:NCQ	NovaCopper Inc.	Х		Х		Х			
TSX:OGC	OceanaGold Corporation			Х					
TSX:ORE	Orezone Resources Inc.			Х					
TSX:PDN	Paladin Energy Limited			Χ					
TSX:PLG	Pilot Gold Inc.			Χ		Χ	Χ		
TSXV:ROG	Roxgold Inc.	Х		Χ	Χ	Χ	Χ		
TSX:RNX	Royal Nickel Corporation			Χ	Χ	Χ			
TSXV:SWA	Sarama Resources Ltd.	Х							
TSX:SMF	SEMAFO Inc.			Х					
TSXV:SVL	SilverCrest Mines Inc.			Χ					
TSXV:SGC	Sunridge Gold Corp.			Х					
TSX:THO	Tahoe Resources Inc.			Х	Х				
TSX:TLO	Talon Metals Corp.	Х		Х	Х				
TSX:TCK.B	Teck Resources Limited			Х					
TSX:TV	Trevali Resources Corp.	Х		Х	Х				
		Х			Х				



	TSXV:TGM	True Gold Mining Inc.			Χ						
	TSX:URE	Ur-Energy Inc.			Х						
4	AMEX:UEC	Uranium Energy Corp.			Х						
	TSX:U	Uranium Participation Corporation	Χ								
	TSX:ZAZ	Zazu Metals Corp.		Х	Х						
1	The Analyst(s) preparing this report (or a member of the Analysts' households) have a financial interest in this company.										
2	As of the end of the month immediately preceding this publication either Haywood Securities, Inc., one of its subsidiaries, its officers or directors beneficially owned 1% or more of this company.										
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0	investment banking services from this company in the next three months										

Other material conflict of interest of the research analyst of which the research analyst or member knows or has reason to know at the time of publication or at the time of public appearance:

 Haywood Securities Inc. pro group holdings exceed 10% of the issued and outstanding shares of Zazu Metals Corp. (ZAZ-T).

### **Rating Structure**

Each company within an analyst's universe, or group of companies covered, is assigned: (i) a recommendation or rating, usually BUY, HOLD, or SELL; (ii) a 12 month target price, which represents an analyst's current assessment of a company's potential stock price over the next year; (iii) an overall risk rating which represents an analyst's assessment of the company's overall investment risk; and (iv) specific risk ratings or risk profile parameters which in their aggregate support an analyst's overall risk rating. These ratings are more fully explained below. Before acting on our recommendation we caution you to confer with your Haywood investment advisor to determine the suitability of our recommendation for your specific investment objectives, risk tolerance and investment time horizon.

## **Recommendation Rating**

**BUY** – The analyst believes that the security will outperform other companies in their sector on a risk adjusted basis or for the reasons stated in the research report the analyst believes that the security is deserving of a (continued) BUY rating.

**HOLD** – The analyst believes that the security is expected to perform in line with other companies in their sector on a risk adjusted basis or for the reasons stated in the research report the analyst believes that the security is deserving of a (continued) HOLD rating.

**SELL** – Investors are advised to sell the security or hold alternative securities within the sector. Stocks in this category are expected to under-perform other companies on a risk adjusted basis or for the reasons stated in the research report the analyst believes that the security is deserving of a (continued) SELL rating.

**TENDER** – The analyst is recommending that investors tender to a specific offering for the company's stock.

**RESEARCH COMMENT** – An analyst comment about an issuer event that does not include a rating or recommendation.

**UNDER REVIEW** – Placing a stock Under Review does not revise the current rating or recommendation of the analyst. A stock will be placed Under Review when the relevant company has a significant material event with further information pending or to be announced. An analyst will place a stock Under Review while he/she awaits sufficient information to re-evaluate the company's financial situation.



**COVERAGE DROPPED** – Haywood Securities will no longer cover the issuer. Haywood will provide notice to clients whenever coverage of an issuer is discontinued.

Haywood's focus is to search for undervalued companies which analysts believe may achieve attractive risk-adjusted returns. This research coverage on potentially undervalued companies may result in an outweighed percentage of companies rated as BUY. Management regularly reviews rating and targets in all sectors to ensure fairness and accuracy.

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### **Overall Risk Rating**

**Very High Risk:** Venture type companies or more established micro, small, mid or large cap companies whose risk profile parameters and/or lack of liquidity warrant such a designation. These companies are only appropriate for investors who have a very high tolerance for risk and volatility and who are capable of incurring temporary or permanent loss of a very significant portion of their investment capital.

**High Risk:** Typically micro or small cap companies which have an above average investment risk relative to more established or mid to large cap companies. These companies will generally not form part of the broad senior stock market indices and often will have less liquidity than more established mid and large cap companies. These companies are only appropriate for investors who have a high tolerance for risk and volatility and who are capable of incurring a temporary or permanent loss of a significant loss of their investment capital.

**Medium-High Risk:** Typically mid to large cap companies that have a medium to high investment risk. These companies will often form part of the broader senior stock market indices or sector specific indices. These companies are only appropriate for investors who have a medium to high tolerance for risk and volatility and who are prepared to accept general stock market risk including the risk of a temporary or permanent loss of some of their investment capital

**Moderate Risk:** Large to very large cap companies with established earnings who have a track record of lower volatility when compared against the broad senior stock market indices. These companies are only appropriate for investors who have a medium tolerance for risk and volatility and who are prepared to accept general stock market risk including the risk of a temporary or permanent loss of some of their investment capital.

## Risk Profile Parameters - Mining and Minerals Sector

Forecast Risk: High (7-10) – The Company's primary project(s) is at an earlier stage of exploration and/or resource delineation whereby grades, tonnages, capital and operating costs, and other economic/operational parameters are not yet reliably established. Moderate (4-6) – The Company has taken steps to de-risk its primary producing, or soon to be producing project(s) and has established reasonably reliable operational and economic parameters. Low (1-3) – The Company has de-risked the majority of its primary project(s) through operational history and established production profile(s).

Financial Risk: High (7-10) – The Company's near- and medium-term (capital) expenditure considerations, including the current year or next forecast year, are not fully funded through a combination of established debt facilities, cash on hand, and/or anticipated cash flow from existing operations—successful project execution depends, in part, on future (equity) financing(s). Existing and/or forecast levels of leverage are above average relative to the Company's peer group. The risk of a significant capital cost overrun(s) is high given the early stage of project development. Moderate (4-6) – The Company's near-term (capital) expenditure program, in the current year or next forecast year, is fully funded through a combination of established debt facilities, cash on hand, and/or anticipated cash flow from existing operations. Medium-term funding requirements will likely require additional financing consideration, but should be achievable assuming no significant uncontrollable events impede access to capital. Existing and/or forecast levels of leverage are in-line with the Company's peer group. The risk of a significant capital cost overrun(s) is moderate given the advanced stage of project development. Low (1-3) – the Company's near- and medium-term (capital) expenditure program is fully funded through a combination of established debt facilities, cash on hand, and/or anticipated cash flow from existing operations. Existing and/or forecast levels of leverage are below average relative to the Company's peer group.

**Valuation Risk: High (7-10)** – The current valuation is at a premium to peers. The valuation reflects considerable future exploration success and/or commodity appreciation. Where applicable, the current capitalization exceeds the "DCF" evaluation by more than 50%. **Moderate (4-6)** – The current valuation is within historic ranges and generally consistent with peers. The valuation reflects reasonable exploration success and/or commodity appreciation. Where applicable, the current capitalization exceeds the DCF valuation by 15% to 50%. **Low (1-3)** – The current valuation is at the low end of historic ranges and at a discount



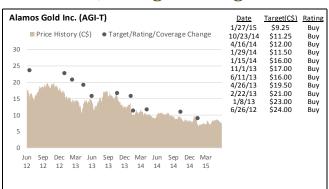
to peer valuations. The valuation reflects limited new exploration success and no commodity appreciation. Where applicable, the current capitalization exceeds the DCF valuation by less than 15% or falls below the current market value.

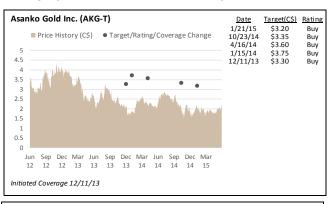
**Political Risk: High (7-10)** —Obtaining permits is challenging. Properties are located in an area(s) with high geo-political uncertainty, limited access, and/or have significant new infrastructure requirements. **Moderate (4-6)** — Properties are located in an area(s) with moderate geo-political risk, reasonable or manageable access, and some established infrastructure. **Low (1-3)** — Properties are located in areas with a manageable geo-political risk profile and established access/infrastructure.

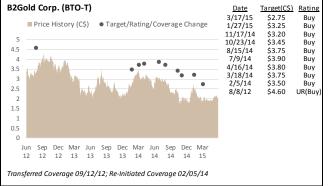
### Distribution of Ratings (as of June 26, 2015)

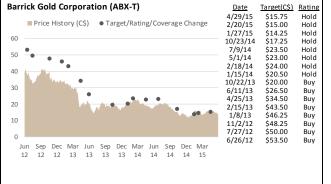
			IB	
	Distribution	Clients		
	%	#	(TTM)	
Buy	63.5%	73	95.2%	
Hold	11.3%	13	0.0%	
Sell	1.7%	2	0.0%	
Tender	0.9%	1	0.0%	
UR (Buy)	0.0%	0	0.0%	
UR (Hold)	0.0%	0	0.0%	
UR (Sell)	0.0%	0	0.0%	
dropped (TTM)	22.6%	26	4.8%	

## Price Chart, Rating and Target Price History (as of June 26, 2015)

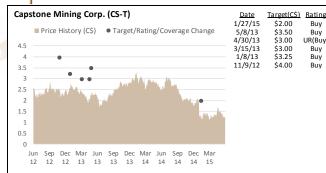


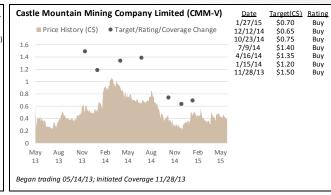


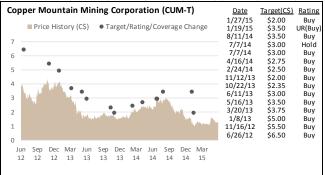








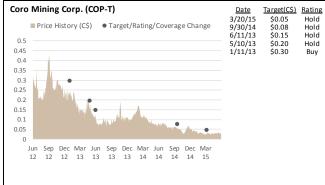


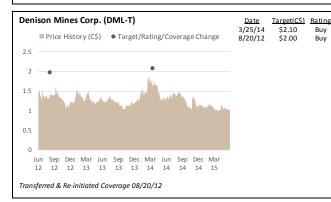


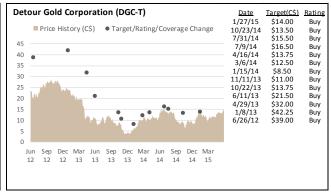
\$2.10

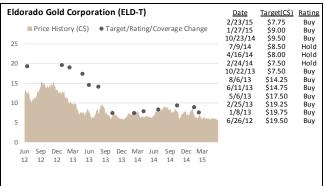
\$2.00

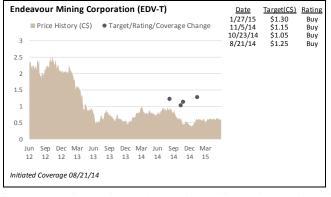
Buv





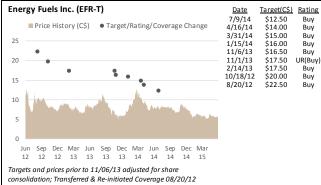


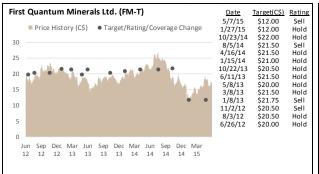




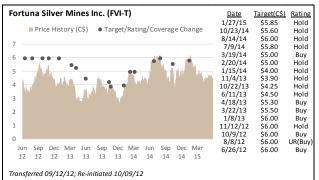


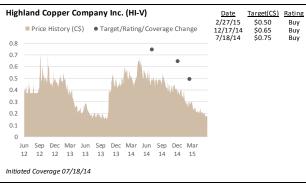














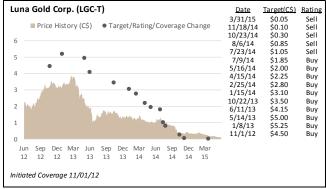


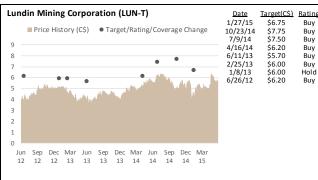


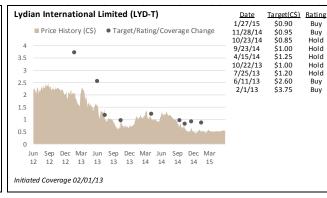


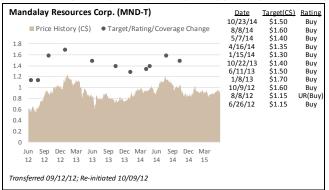
Lake	Shore	Gold	Corp.	(LSG	i-T)						<u>Date</u>	Target(C\$)	Rating
2.5	■ Price	History	(C\$)	• Ta	rget/	Ratin	g/Co	verag	e Cha	inge	10/23/14 7/23/14 7/9/14	\$1.30 \$1.40 \$1.20	Buy Buy Buy
2	•	•									4/16/14 1/24/14 1/15/14 6/11/13 5/17/13	\$1.15 \$1.10 \$0.75 \$0.60 \$0.70	Buy Hold Hold Hold Hold
1 0.5	, 1 h	14A,	• • • • •	./h~		, J <sup>e</sup> l, A			ľΨ	ugulli	3/20/13 1/8/13 6/19/12	\$1.20 \$1.70 \$2.25	Buy Buy Buy
Ju	ın Sep 2 12		lar Jun 3 13	Sep 13	Dec 13	Mar 14	Jun 14	Sep 14	Dec 14	Mar 15			

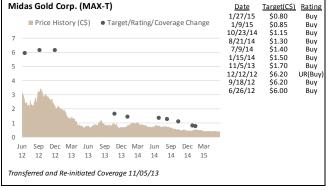






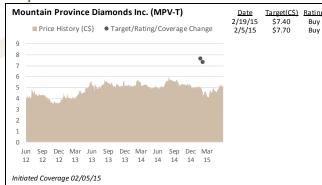


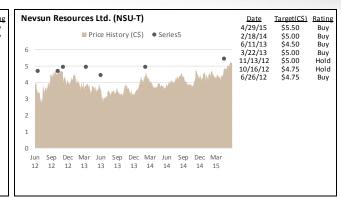


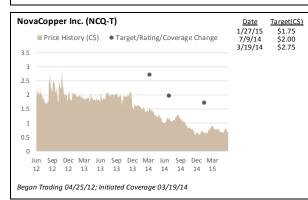


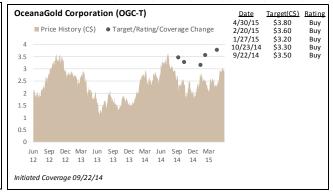
Buy

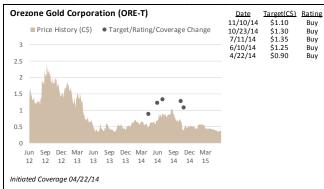


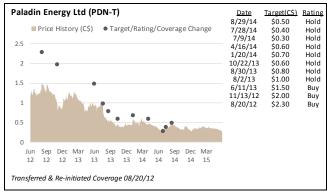


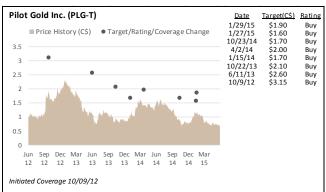


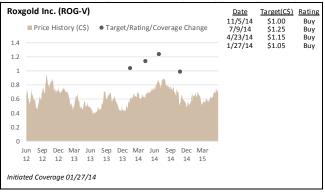




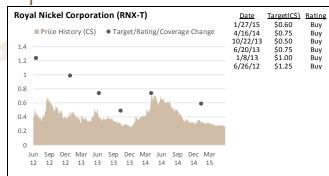


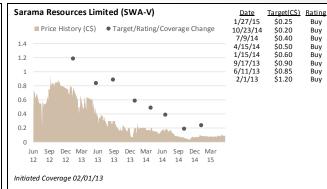


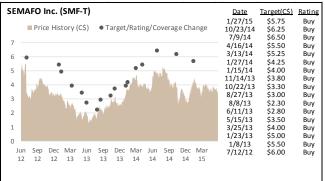






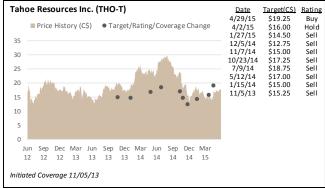


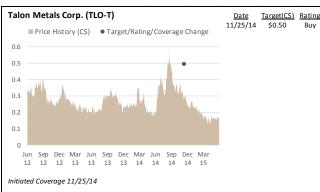


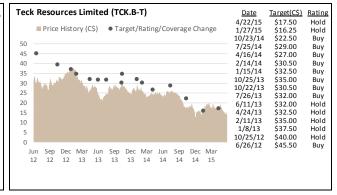




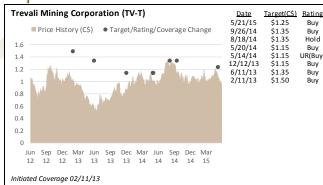


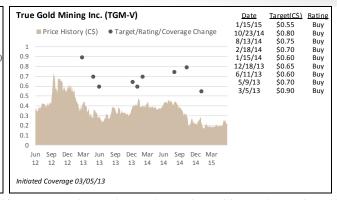


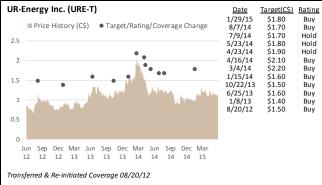


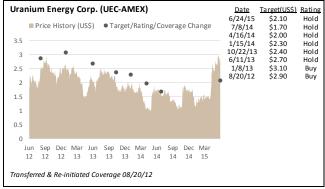


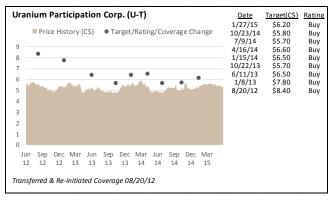


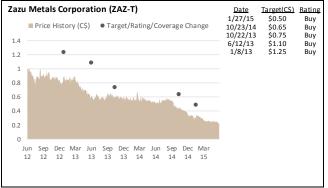












B: Buy; H: Hold; S: Sell; T: Tender; UR: Under Review Source: Capital IQ and Haywood Securities