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**MINING & MINERAL
EXPLORATION**

WEEKLY BULLETIN:
RSC MINERAL INTELLIGENCE
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Week 20 (13 - 19 May 2019)

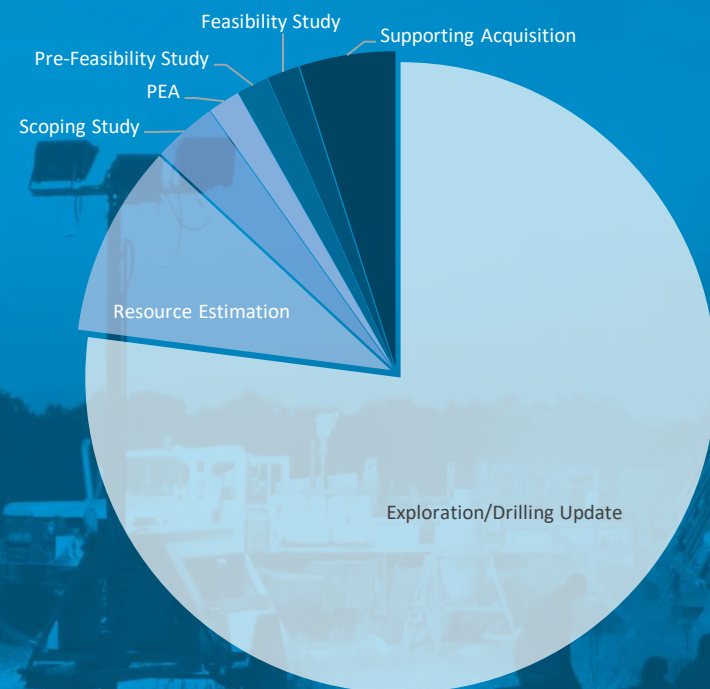
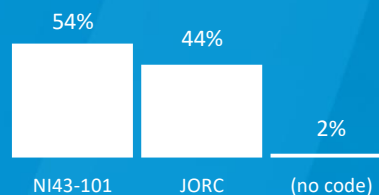
2019: Week 20 overview

	Number	Change
New technical reports published	61	16↓
Amended	1	2↓
Clarified	0	
Resource estimation reports	6	13↓
Initial resources	3	1↑
Exploration/drilling updates	47	4↓
Other monitored reports		
Filed NI43-101 technical reports	4	1↓
Environmental reports	1	1↑
Announced drilling	39	3↓

↑↓ shows increase or decrease compared to last week's reporting

Reports included in this publication are from the public reporting domain, using internationally recognised reporting codes and national instruments such as JORC, SAMREC, NI43-101, PERC and other codes in line with CRIRSCO.

Number of reports by code



Number of reports by report type

Announced drilling



Drilling updates



Resource reports



Numbers across all report types dropped this week with resource reporting seeing the most significant decline.

4 CORRECTED ANNOUNCEMENTS RELEASED THIS WEEK



company	project	report type	original report release date	share price change*		corrected report release date	share price change*	
NGEx Resources Inc. (TSX-V, NASDAQ)	Constellation	Supporting Acquisition	19-Dec-18	↑	1.0%	14-May-19	↓	-1.0%

**between close of trade the day prior to the announcement and open of trade the day after the announcement date.*

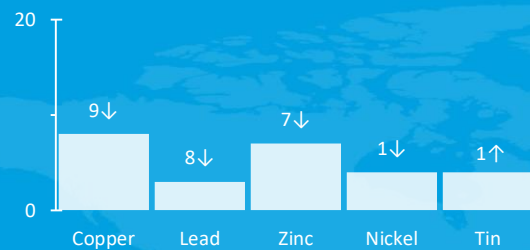
Location	Projects	Change
North America	23	1↓
Oceania	18	17↓
Africa	9	2↑
South America	5	
Europe	6	2↑
Asia	1	3↓
Seabed Resources		

↓↑ shows increase or decrease compared to last week's reporting

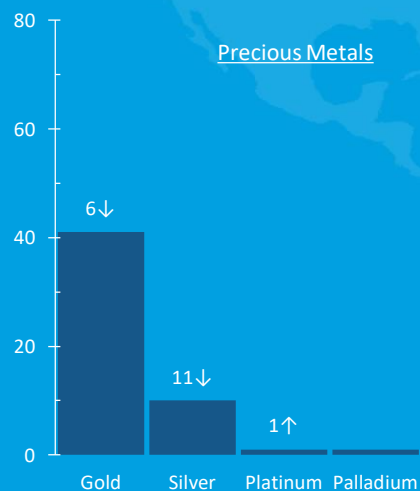
- ◆ Reported project
- ◆ Initial Resource
- ◆ Initial Reserve

Map does not include projects mentioned from announced drilling reports.

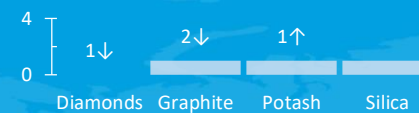
Base Metals



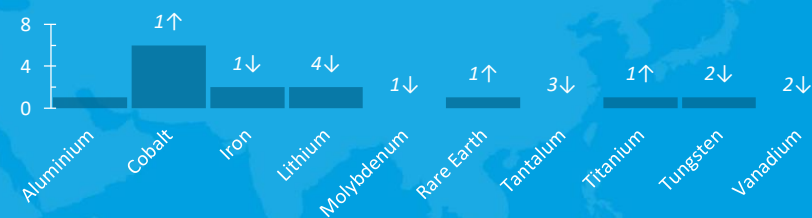
Precious Metals



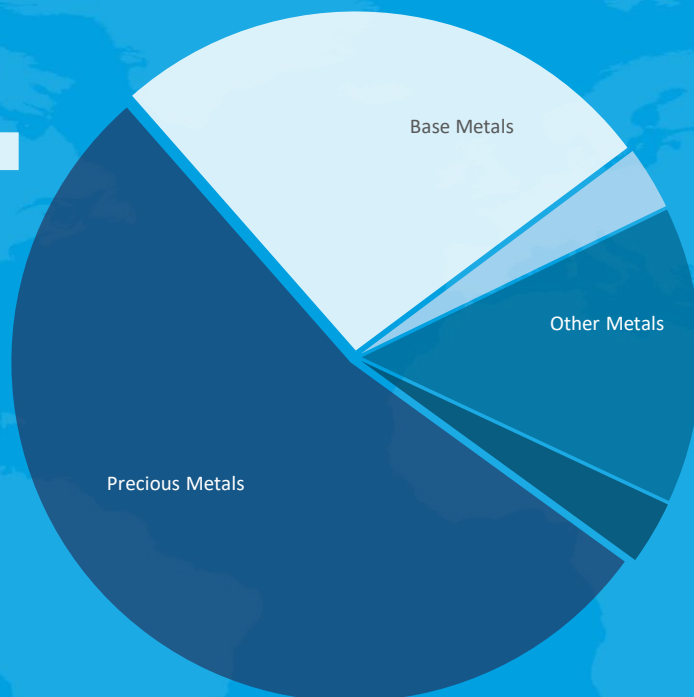
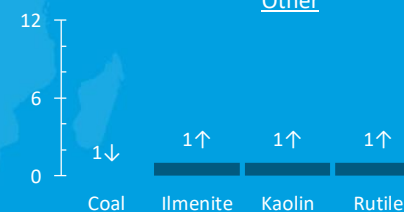
Industrial Minerals



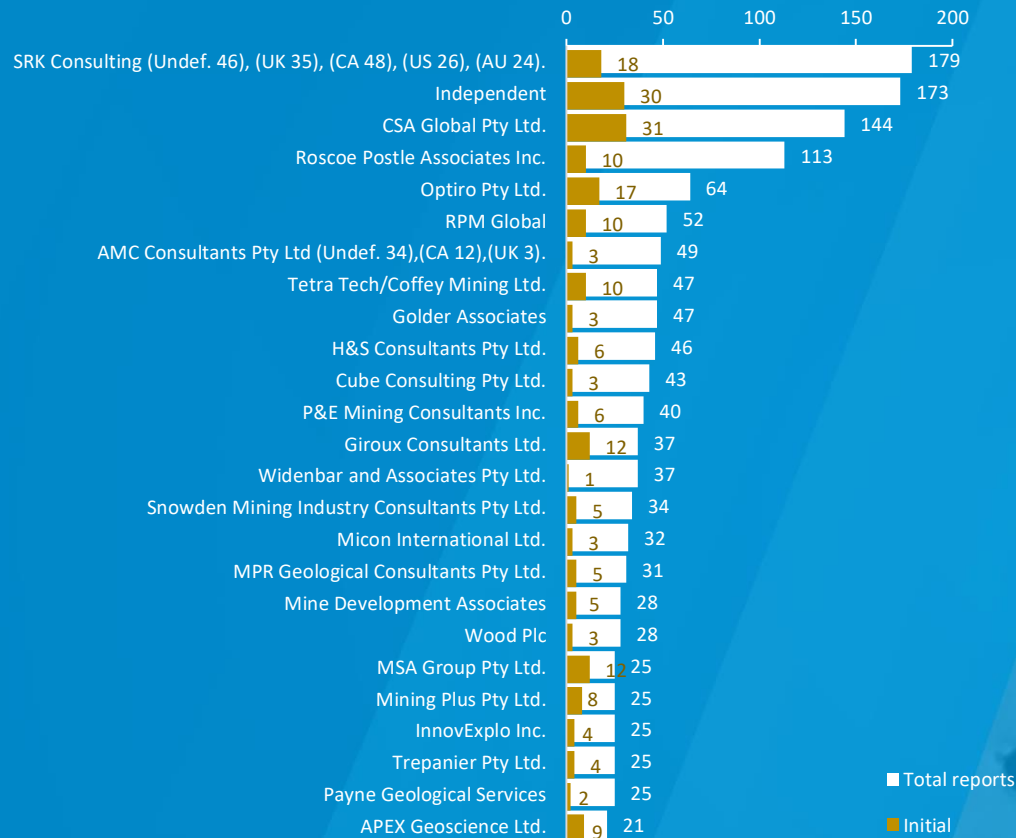
Other Metals



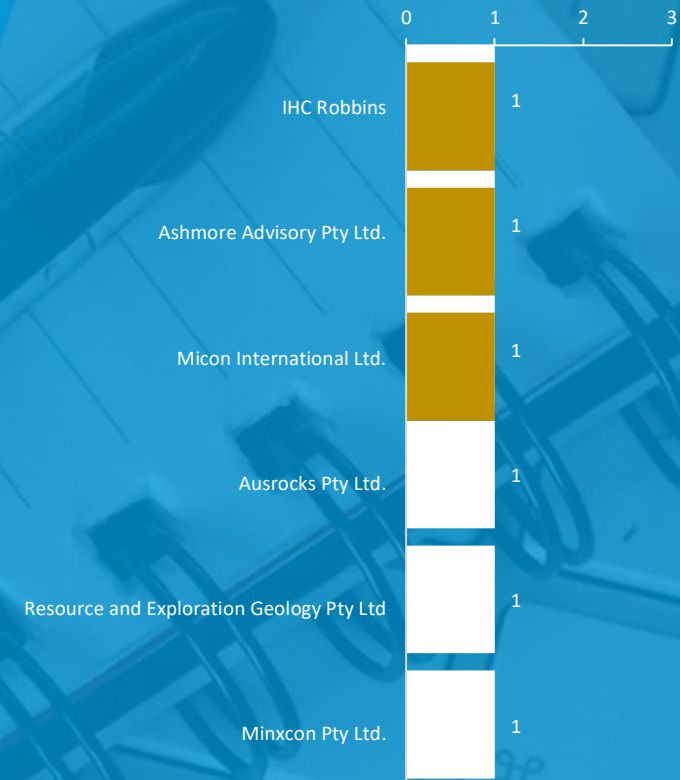
Other



Top 25 since Oct 2014

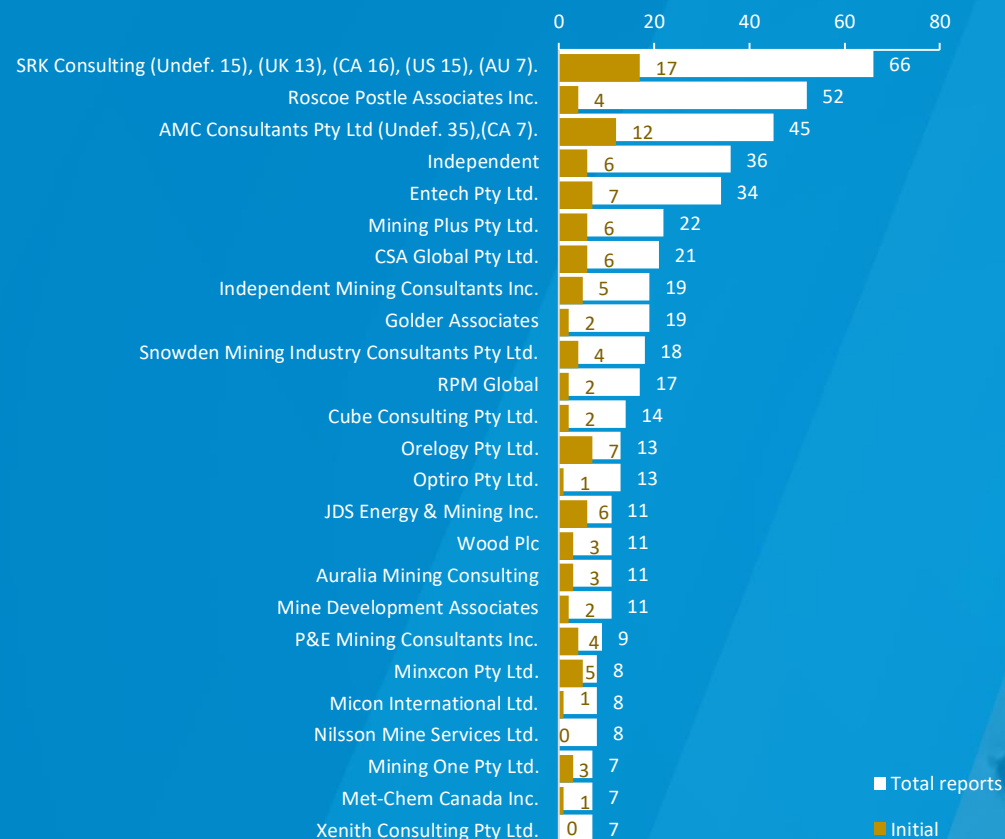


This Week

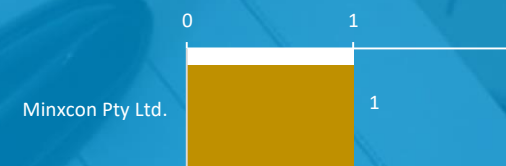


Note: Some reports can contain multiple resource QP's and consulting companies, therefore numbers may not add up to total.
 Reports are only counted where the resource status is initial, updated or upgraded.
 RSC has recently done an audit on its resource and reserve authors and this has resulted in some minor changes in the numbers.

Top 25 since Oct 2014











This Week














Note: Some reports can contain multiple reserve QP's and consulting companies, therefore numbers may not add up to total.
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 RSC has recently done an audit on its resource and reserve authors and this has resulted in some minor changes in the numbers.

9 SIGNIFICANT DRILL INTERSECTIONS OF THE WEEK

ASX Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section*	share price chg** (AuEq.)m***
1		Metals X Ltd. (ASX,OTCQX)	Renison	Resource development		14-May	U6681	10.3m @ 7.65% Sn from 259.0m	intercepts is true width	Y	 4.2% 378
2		Blackham Resources Ltd (ASX)	Matilda	Resource development		15-May	WURC0763	3m @ 58.91g/t Au from 71m	true width estimated at 2m	Y	0.0% 177
3		Ramelius Resources Ltd. (ASX)	Symes	Exploration		16-May	SYFC093	8.0m @ 17.05g/t Au from 33m	"length is measured down the length of the hole and is not usually the true width"	Y	 -2.3% 136

TSX/TSX-V Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section*	share price chg** (AuEq.)m***
1		Erdene Resource Development Corp. (TSX)	Khundii	Resource development		14-May	BKD-261	112.0m @ 5.9g/t Au from 13.0m	"true thickness is 87-90%"	N	 10.5% 661
2		GoGold Resources Inc. (TSX)	Los Ricos	Resource development	 	14-May	LRGG-19-009	21.2m @ 7.66g/t Au, 1270.2g/t Ag from 34.5m	"not true width"	N	 2.5% 469
3		Continental Gold Inc. (TSX,OTCQX)	Buritica	Resource development	 	16-May	BUSY416	27.90m @ 7.04g/t Au, 39.6g/t Ag from 100.20m	"mineralization intercepted with BMZ4 is generally estimated to be within 70-100% of true widths"	Y	 -0.4% 209















*section column assesses appropriate sectional view representing the geological context is provided, where N=no section provided, --unable to assess, Y=section provided.

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*** see metal prices and formula relevant to AuEq conversions on page 14.

Any of the companies mentioned in this week's table should not use excerpts of this bulletin in their public reporting, including company presentations, websites or social media unless these comply with the relevant clauses of the reporting code for the respective jurisdiction. For ASX-listed companies, this includes clause 50 of the JORC Code (2012). Readers are also advised to review the cautionary statement on the last page of this bulletin.

ASX Top 5:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section*	share price chg** (AuEq.)m***
1		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Macassa Mine	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1% 9544
2		Poseidon Nickel Ltd. (ASX)	Black Swan	Resource development		6-May	PBSD001A	223.1m @ 1.02% Ni from 51.75m	true width estimated at 80m	Y	 5.7% 672
3		Peel Mining Ltd. (ASX)	Wagga Tank	Exploration		6-May	WTRCDD199	28m @ 19.03% Zn, 10.77% Pb, 0.24% Cu, 166g/t Ag, 1.21g/t Au from 224m	"true widths . . . are estimated at about 70-80% of the downhole widths"	Y	0.0% 542
4		Adriatic Metals Plc (ASX)	Rupice	Exploration		7-May	BR-04-19	30m @ 9.7% Zn, 5.2% Pb, 265g/t Ag, 4.6g/t Au, 0.4% Cu, 43% BaSO4 from 246m	"The drill holes are considered to be reasonably orthogonal to the interpreted dip of the mineralisation"	Y	 -1.8% 516
5		Tietto Minerals Ltd. (ASX)	Abujar	Resource development		9-May	ZDD035	4m @ 100.73g/t Au from 76m	"drilling results to date have been reported as down hole lengths"	Y	 -6.7% 403

TSX/TSX-V Top 5:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section*	share price chg** (AuEq.)m***
1		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Macassa Mine	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1% 9544
2		Guyana Goldfields Inc. (TSX)	Aurora	Resource development		1-May	MKD187	301.4m @ 6.11g/t Au from 14.1m	not mentioned in this report	N	 10.8% 1842
3		Pan American Silver Corp. (TSX,NASDAQ)	La Colorada	Resource development		8-May	U-26-19	276.1m @ 34g/t Ag, 0.18% Cu 1.69% Pb, 3.76% Zn from 536.3m	"true widths of the mineralized intervals are unknown at this time"	N	 0.4% 1099
4		K92 Mining Inc. (TSX-V,OTCQB)	Kainantu	Resource development		6-May	KMDD0128	2.05m @ 363.91g/t Au, 17g/t Ag, 0.08% Cu from 68.80m	true width estimated at 1.44m	Y	 7.2% 747
5		Radius Gold Inc. (TSX-V)	Amalia	Exploration		1-May	AMDD19-010	44.0m @ 12.38g/t Au, 309g/t Ag from 210.7m	"estimated true width of the mineralized zone is 34m"	Y	 128.6% 703































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ASX:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section*	share price chg** (AuEq.)m***
1		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Macassa Mine	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1% 9544
2		AVZ Minerals Ltd. (ASX)	Manono	Resource definition		15-Feb	MO18DD072	231.83m @ 1.73% Li ₂ O, 1089ppm Sn from 0.0m	"drilling intersections do not represent the exact true thickness . . . although are reasonably close to true thickness"	Y	 10.5% 1860
3		Adriatic Metals Plc (ASX)	Rupice	Exploration		21-Jan	BR-36-18	72m @ 18.3% Zn, 10.7% Pb, 211g/t Ag, 2.54g/t Au, 2.5% Cu from 206m	"drilling is considered to be orthogonal to the strata bound mineralisation."	Y	 4.8% 1822
4		Catalyst Metals Ltd. (ASX)	Four Eagles	Exploration		29-Apr	FERC236	8m @ 212.3g/t Au from 84.0m	"true width of mineralisation has not been resolved"	Y	 5.5% 1698
5		Aurelia Metals Ltd. (ASX)	Peak Gold Mines	Resource development		18-Feb	UD18PP1523	16.0m @ 71.6g/t Au, 5.0% Pb, 3.5% Zn, 14g/t Ag, 0.6% Cu from 296.0m	true width estimated at 10.2m	—	 0.6% 1235
6		Rio Tinto Ltd. (ASX,LSE)	Winu	Exploration		27-Feb	WINU0006	741m @ 0.45% Cu, 0.52g/t Au, 2.94g/t Ag from 68m	"true width is still unknown"	Y	 2.3% 921
7		Ramelius Resources Ltd. (ASX)	Mt Magnet	Resource development		21-Jan	GXMM027921	34m @ 25.3g/t Au from 8m	"True widths around 20-30% of downhole interval"	—	 4.1% 860
8		Emmerson Resources Ltd. (ASX)	Tennant Creek	Resource development		18-Feb	MTRC031	22.0m @ 35.9g/t Au, 9.18g/t Ag, 0.09% Cu, 95.8ppm Co, 22.4% Fe from 73m	"the ironstone dips 75 degrees to the southwest and strikes NNW-SSE."	Y	 8.8% 807
9		Westgold Resources Ltd. (ASX)	Fortnum	Resource development		23-Jan	WGU0088	85.6m @ 9.40g/t Au from 123m	true width estimated at 59m	Y	 1.1% 805
10		Peel Mining Ltd. (ASX)	Wagga Tank	Exploration		6-Mar	WTRCDD180	16.95m @ 43.25% Zn, 14.66% Pb, 1.00% Cu, 356g/t Ag, 3.11g/t Au from 179.15m	"true widths of mineralisation . . . are estimated at about 70-80% of the downhole widths"	Y	 -4.1% 773



























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TSX:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section*	share price chg** (AuEq.)m***	
1		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Macassa Mine	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1%	9544
2		Osisko Mining Inc. (TSX)	Windfall	Resource development		7-Jan	WST-18-0025	2.0m @ 2223g/t Au from 65.0m	"true widths are estimated at 65 – 80% of the reported core length interval"	N	 -4.9%	4446
3		NexGen Energy Ltd. (TSX,OTCQX)	Rook 1	Resource development		14-Feb	GAR-18-016	32.5m @ 6.65% U3O8 from 574.5m	"all depths and intervals are metres downhole, true thicknesses are yet to be determined"	Y	 2.2%	3260
4		Global Atomic Corp. (TSX-V)	Dasa	Resource development		23-Jan	ASDH563	98.0m @ 1.71% U3O8 from 163.2m	"downhole lengths on shallow dipping holes, does not represent vertical depth."	N	 3.0%	2576
5		Royal Nickel Corp. (TSX)	Beta Hunt Mine	Resource development		22-Jan	WFN-029	2.00m @ 1017.3g/t Au from 44.82m	true width estimated at 2.00m	Y	 -9.0%	2035
6		Guyana Goldfields Inc. (TSX)	Aurora	Resource development		1-May	MKD187	301.4m @ 6.11g/t Au from 14.1m	not mentioned in this report	N	 10.8%	1842
7		Continental Gold Inc. (TSX,OTCQX)	Buritica	Resource development		12-Feb	BUUY421	19.90m @ 88.91g/t Au, 13.0g/t Ag from 323.50m	"BUUY holes reported are between 65-100% true widths"	–	 5.5%	1772
8		SolGold Plc (LSE,TSX-V)	Cascabel	Resource development		10-Apr	CSD-18-075	1918m @ 0.41% Cu, 0.19g/t Au from 320m	true width estimated at 767m	Y	0.0%	1578
9		Pan American Silver Corp. (TSX)	La Colorada	Resource development		20-Feb	U-68-18	308.1m @ 46g/t Ag, 0.20% Cu, 1.93% Pb, 4.56% Zn from 328.9m	"true widths of the mineralized intervals are unknown at this time."	N	 -5.5%	1419
10		GT Gold Corp. (TSX-V)	Tatogga	Exploration		9-Jan	TTD109	1149.67m @ 0.62g/t Au, 0.36% Cu, 1.17g/t Ag from 11.33m	"true width is estimated to be approximately 65% of drilled length"	N	 -9.5%	1321

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SERVICES ON QUOTATION

Please email us your project requirements. You will find our approach very flexible and accommodating. We aim to make the impossible possible—at affordable rates—whilst providing top-quality geologists and excellent outcomes. Throw us into a challenging environment, set us a demanding deadline, and let us do the work for you. Ask us for a reference on our services at any time.



Disclaimer and Compliance Warning:

The information in this weekly bulletin does not qualify as a Public Report as defined by clause 6 of the JORC Code (2012). It is not prepared for the purpose of informing investors or potential investors or their advisors, and is not published for or on behalf of any of the companies mentioned in this bulletin. RSC has no equity or other interest in any of the companies mentioned in this bulletin.

A full list with links to all individual Public Announcements for each company mentioned in this information bulletin is provided through rscmme.com/intel. RSC takes no responsibility for the compliance of those Public Reports, and it is up to each individual company to make sure that drilling intercepts are reported in a material and transparent manner in compliance with the relevant reporting codes for the respective jurisdiction. For ASX-listed companies, the relevant JORC Code (2012) clauses are 4, 18, 19, and 50. Investors or potential investors using the information in this bulletin are recommended to download the full reports either directly from the company's website or through the links in weekly lists provided by RSC.

Drill intercept grades from week 20 have been converted into AuEq using the following metal prices (USD): \$1,297.60/oz Au, \$14.76/oz Ag, \$20,005.00/t Sn sourced from <https://www.quandl.com/collections/markets/commodities>, <https://www.uxc.com>, <https://markets.businessinsider.com/commodities> or <https://www.metalbulletin.com/lithium-prices-update>.

The formula used to convert drill intercept grades to gold equivalence using stated metal price is as follows:

$$AuEq(g/t) = \sum_{n=1}^z C_n(g/t) \times \frac{C_n(\$ / g)}{Au(\$ / g)}$$

Where z is the number of listed components (e.g. Au, Ag, Pb, Cu, Zn, Li₂O, Sn, Co etc) and C_n is the nth component in that list.

Gold has been chosen as the metal equivalent for all conversions as it is the most widely-used and best-understood benchmark to determine or appreciate the grade tenor of a drilling intercept.

Monthly and yearly intercept grades were converted to AuEq using metal prices from the week of the public announcement. To view previously used metal prices please see the RSC – Weekly Bulletin from the relevant week.

RSC has not investigated and is not aware of the detail of metallurgical recoveries used in the conversions for each drilling intercept mentioned in this bulletin. It is uncertain that all the elements included in the metal equivalents calculations have a reasonable potential to be recovered and sold. For many projects at the Exploration Results stage mentioned in this information bulletin, metallurgical recovery information may not be available or able to be estimated with reasonable confidence. The reader needs to use reasonable caution to avoid being misled in these instances.