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**MINING & MINERAL  
EXPLORATION**

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WEEKLY BULLETIN:  
RSC MINERAL INTELLIGENCE  
[intel.rscmme.com](http://intel.rscmme.com)

Week 42 (15 – 21 October 2018)

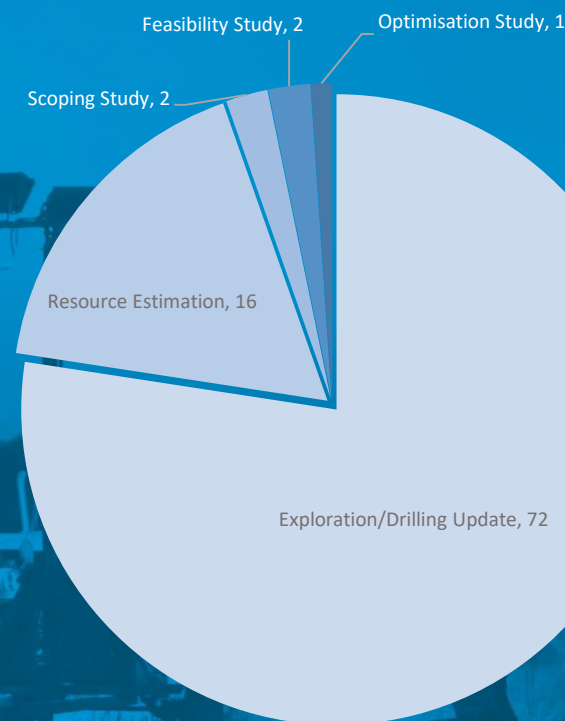
## 2018: Week 42 overview

	Number	Change
<b>New technical reports published</b>	93	4↓
Amended	1	1↑
Clarified	6	6↑
Resource estimation reports	16	1↓
Maiden resources	1	1↓
Exploration/drilling updates	72	1↓
<b>Other monitored reports</b>		
Filed NI43-101 technical reports	5	2↑
Environmental reports	1	
Announced drilling	35	2↓

↑↓ 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

52 week comparison: Announced drilling



Drilling updates



Resource reports



Announced drilling continued to drop and has reached a 37 week low. Both drilling updates and resource reports declined slightly on the previous week.

# 4 CORRECTED ANNOUNCEMENTS RELEASED THIS WEEK

company	project	report type	original report release date	share price change*	corrected report release date	share price change*
<b>New Age Exploration Ltd.</b> (ASX)	<b>Redmoor</b>	Exploration/Drilling Update	4-Oct-18	0.0%	18-Oct-18	↓ -12.5%
<b>Artemis Resources Ltd.</b> (ASX)	<b>West Pilbara</b>	Resource Estimation	10-Oct-18	↓ -2.8%	17-Oct-18	↑ 6.3%
<b>NRG Metals Inc.</b> (TSX-V)	<b>Hombre Muerto North</b>	Resource Estimation	2-Oct-18	0.0%	16-Oct-18	0.0%
<b>Adriatic Metals Plc</b> (ASX)	<b>Rupice</b>	Exploration/Drilling Update	18-Oct-18	↑ 10.0%	18-Oct-18	↑ 10.0%
<b>Kutcho Copper Corp.</b> (TSX-V)	<b>Kutcho</b>	Exploration/Drilling Update	19-Oct-18	↓ -6.3%	19-Oct-18	↓ -6.3%
<b>New Carolin Gold Corp.</b> (TSX-V)	<b>Ladner</b>	Resource Estimation	17-Oct-18	↑ 5.3%	19-Oct-18	↑ 11.1%

\*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	26	6↓
Oceania	38	7↓
Africa	15	3↑
South America	9	1↓
Europe	7	2↑
Asia	3	2↑
Seabed Resources		

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

- Reported project
- Maiden Resource
- Maiden Reserve

Map does not include projects mentioned from announced drilling reports.

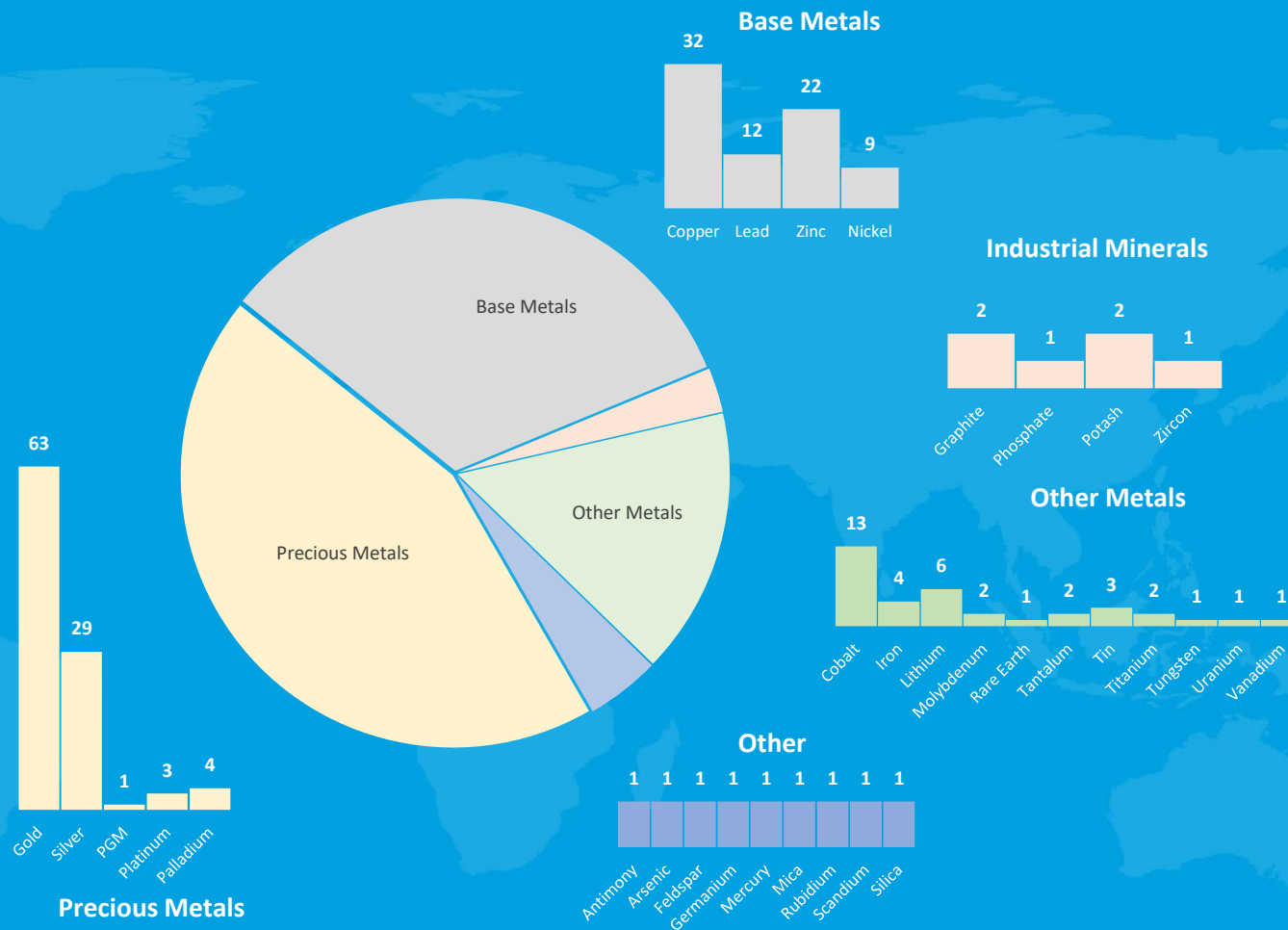


## Up

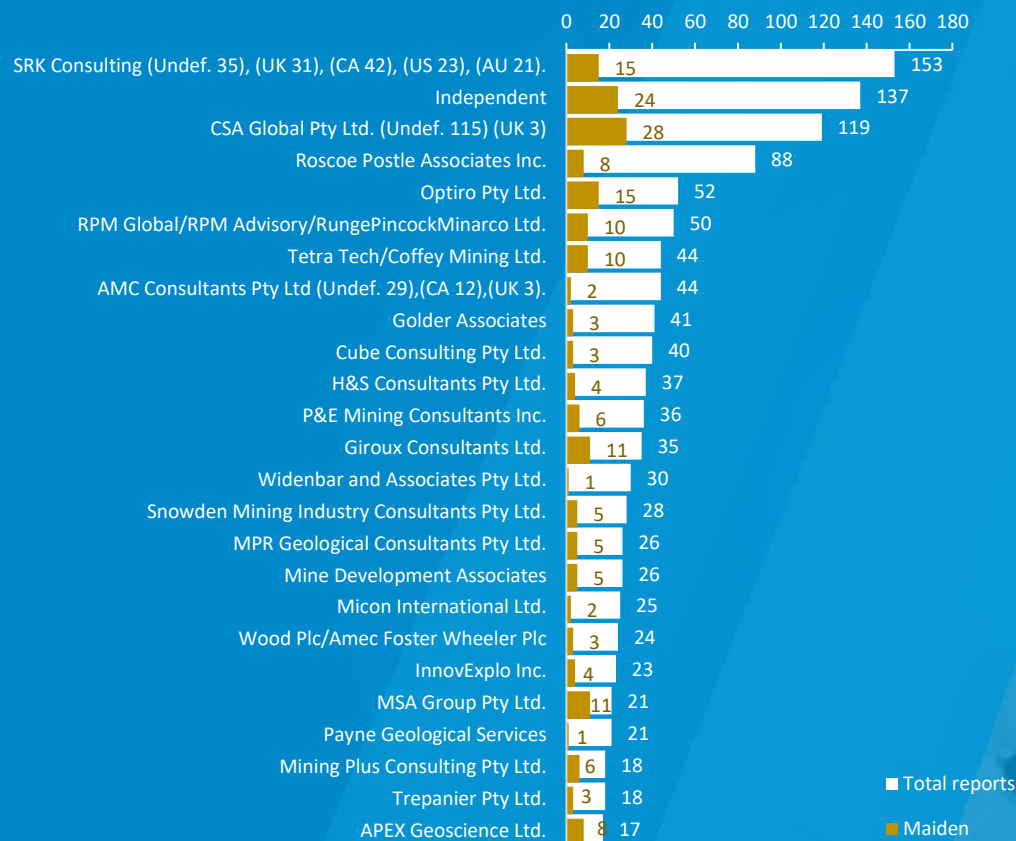
Zinc	6
Gold	4
Graphite	2
Molybdenum	2
Silver	2
Titanium	1
Coal	1
Rare Earth	1
PGM	1
Indium	1
Arsenic	1
Rubidium	1
Germanium	1
Mercury	1
Feldspar	1
Mica	1
Palladium	1
Potash	1
Tin	1
Cobalt	1
Lead	1

## Down

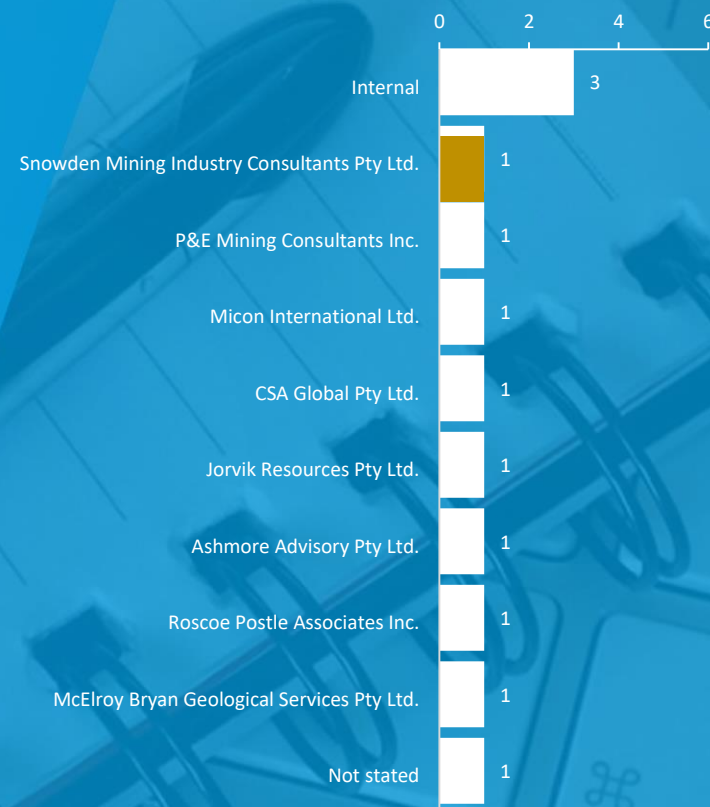
Uranium	-3
Silica	-3
Vanadium	-3
Lithium	-3
Rutile	-2
Zircon	-2
Aluminium	-2
Ilmenite	-2
Iron	-2
Chromium	-1
Nickel	-1
Copper	-1



## Top 25 since Oct 2014

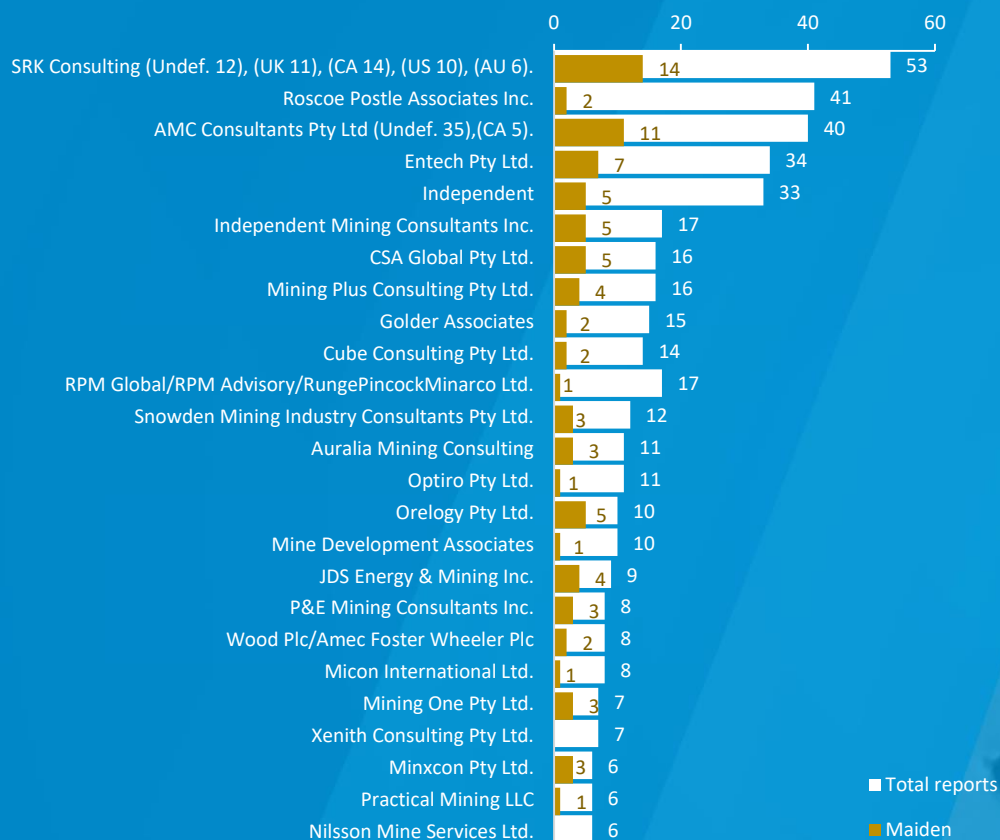


## This Week

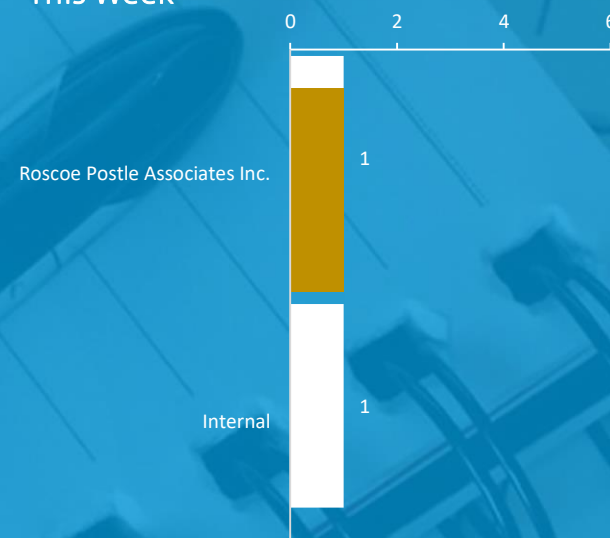


Note: Some reports can contain multiple resource QP's and consulting companies, therefore numbers may not add up to total. Reports are only counted where the resource status is maiden, updated or upgraded.

## 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.  
 Reports are only counted where the reserve status is maiden, updated or upgraded.










# 9 SIGNIFICANT DRILL INTERSECTIONS OF THE WEEK

## ASX Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		<b>AVZ Minerals Ltd.</b> (ASX)	<b>Manono</b>	Resource development		19-Oct	MO18DD050	350.95m @ 1.44% Li <sub>2</sub> O, 376ppm Sn from 146.3m	 -2.2%	<b>2562</b>
2		<b>Adriatic Metals Plc</b> (ASX)	<b>Rupice</b>	Exploration		18-Oct	BR-17-18	66m @ 2.4g/t Au, 187g/t Ag, 0.5% Cu, 4.9% Pb, 9.5% Zn from 204m	 10.0%	<b>945</b>
3		<b>Artemis Resources Ltd.</b> (ASX)	<b>Carlow Castle</b>	Resource development		15-Oct	ARC0033a	16m @ 7.62g/t Au, 3.51% Cu, 0.94% Co from 36m	 -2.9%	<b>446</b>

## TSX/TSX-V Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		<b>Frontier Lithium Inc.</b> (TSX-V)	<b>PAK</b>	Resource development		16-Oct	PL-028-18	219.75m @ 2.07% Li <sub>2</sub> O from 62.25m	0.0%	<b>2249</b>
2		<b>Serengeti Resources Inc.</b> (TSX-V)	<b>Kwanika</b>	Resource development		18-Oct	K-180	513.9m @ 0.64% Cu, 0.80g/t Au, 2.08g/t Ag from 33.0m	 160.0%	<b>940</b>
3		<b>Chakana Copper Corp.</b> (TSX-V)	<b>Soledad</b>	Exploration		18-Oct	SDH18-077	244.0m @ 1.41g/t Au, 55.6g/t Ag, 0.91% Cu from 0m	0.0%	<b>856</b>
















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

\*\* see metal prices and formula relevant to AuEq conversions on page 15.














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.

# 10 SIGNIFICANT DRILL INTERSECTIONS OF THE MONTH: OCTOBER

## ASX Top 5:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		<b>AVZ Minerals Ltd.</b> (ASX)	<b>Manono</b>	Resource development		19-Oct	MO18DD050	350.95m @ 1.44% Li <sub>2</sub> O, 376ppm Sn from 146.3m	 -2.2%	<b>2562</b>
2		<b>First Au Ltd.</b> (ASX)	<b>Gimlet</b>	Exploration		9-Oct	18GAC063	4m @ 393g/t Au from 52m	 10.0%	<b>1572</b>
3		<b>Adriatic Metals Plc</b> (ASX)	<b>Rupice</b>	Exploration		18-Oct	BR-17-18	66m @ 2.4g/t Au, 187g/t Ag, 0.5% Cu, 4.9% Pb, 9.5% Zn from 204m	 -2.9%	<b>945</b>
4		<b>Ardea Resources Ltd.</b> (ASX)	<b>KNP</b>	Resource development		8-Oct	AGSR419	112.0m @ 1.30% Ni, 0.26% Co from 30.0m	 -1.5%	<b>925</b>
5		<b>AuStar Gold Ltd.</b> (ASX)	<b>Morning Star</b>	Exploration		4-Oct	L7029	9.75m @ 66.82g/t Au from 38.00m	 25.0%	<b>651</b>

## TSX/TSX-V Top 5:































rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		<b>Frontier Lithium Inc.</b> (TSX-V)	<b>PAK</b>	Resource development		16-Oct	PL-028-18	219.75m @ 2.07% Li <sub>2</sub> O from 62.25m	0.0%	<b>2249</b>
2		<b>SolGold Plc</b> (LSE,TSX-V)	<b>Cascabel</b>	Resource development		5-Oct	CSD-18-058-D1	983.85m @ 0.73% Cu, 0.56g/t Au from 684.15m	 -1.6%	<b>1726</b>
3		<b>Serengeti Resources Inc.</b> (TSX-V)	<b>Kwanika</b>	Resource development		18-Oct	K-180	513.9m @ 0.64% Cu, 0.80g/t Au, 2.08g/t Ag from 33.0m	 160.0%	<b>940</b>
4		<b>GT Gold Corp.</b> (TSX-V)	<b>Tatogga</b>	Exploration		10-Oct	TTD093	904.12m @ 0.51g/t Au, 0.93g/t Ag, 0.30% Cu from 15.0m	 53.8%	<b>918</b>
5		<b>Chakana Copper Corp.</b> (TSX-V)	<b>Soledad</b>	Exploration		18-Oct	SDH18-077	244.0m @ 1.41g/t Au, 55.6g/t Ag, 0.91% Cu from 0m	0.0%	<b>856</b>

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\*\* see details relating to AuEq conversions on page 15

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## ASX:





















rank	country	company	project	status	commodity	date	hole	intersection	share price chg* (AuEq.)m**
1		<b>Northern Star Resources Ltd.</b> (ASX)	<b>Kundana</b>	Resource development		20-Feb	PEGRSD17205	3.2m @ 1183.6g/t Au from 187.7m	 -2.0% <b>3788</b>
2		<b>Gascoyne Resources Ltd.</b> (ASX)	<b>Dalgaranga</b>	Resource development		19-Sep	DGRC509	8m @ 373.5g/t Au from 53m	 14.5% <b>2988</b>
3		<b>AVZ Minerals Ltd.</b> (ASX)	<b>Manono</b>	Resource development		5-Sep	MO18DD035	286.75m @ 1.74% Li <sub>2</sub> O, 822ppm Sn from 54.55m	 1.0% <b>2618</b>
4		<b>Resolute Mining Ltd.</b> (ASX)	<b>Syama</b>	Resource development		5-Jul	TARD619	5.0m @ 493.0g/t Au from 167.0m	 1.0% <b>2465</b>
5		<b>Kirkland Lake Gold Ltd.</b> (TSX,ASX,NYSE)	<b>Fosterville</b>	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	 2.9% <b>2153</b>
6		<b>Adriatic Metals Plc</b> (ASX)	<b>Rupice</b>	Exploration		12-Jun	BR-2-18	64m @ 4.6g/t Au, 537g/t Ag, 0.9% Cu, 7.7% Pb, 10.8% Zn from 214m	 53.8% <b>1665</b>
7		<b>First Au Ltd.</b> (ASX)	<b>Gimlet</b>	Exploration		9-Oct	18GAC063	4m @ 393g/t Au from 52m	 26.1% <b>1572</b>
8		<b>Northern Star Resources Ltd.</b> (ASX)	<b>Jundee</b>	Resource development		20-Feb	GWGC0880	1.6m @ 957.5g/t Au from 147.1m	 -2.0% <b>1532</b>
9		<b>Artemis Resources Ltd.</b> (ASX)	<b>Carlow Castle</b>	Resource development		29-Aug	ARC0139	132m @ 4.89g/t Au, 1.11% Cu, 0.25% Co from 98m	 17.6% <b>1417</b>
10		<b>Dragon Mining Ltd.</b> (ASX)	<b>Vammala Production Centre</b>	Resource development		15-Jun	KU-1653	21.90m @ 55.02g/t Au from 31.50m	 18.4% <b>1205</b>

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## TSX:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg* (AuEq.)m**
1		<b>Fission Uranium Corp.</b> (TSX, OTCQX, FWB)	<b>Patterson Lake South</b>	Resource development		3-Jan	PLS17-MET-C	108.0m @ 8.46% U3O8 from 56.5m	↑ 1.2% <b>11334</b>
2		<b>NexGen Energy Ltd.</b> (TSX, OTCQX)	<b>Rook 1</b>	Resource development		17-Jan	AR-17-159C1	26.5m @ 10.60% U3O8 from 427.5m	↑ 3.5% <b>3412</b>
3		<b>K92 Mining Inc.</b> (TSX-V, OTCQB)	<b>Kainantu</b>	Resource development		25-Apr	KMDD0084	5.82m @ 486.78g/t Au, 6g/t Ag, 0.16% Cu from 48.30m	↑ 4.8% <b>2835</b>
4		<b>Osisko Mining Inc.</b> (TSX)	<b>Windfall</b>	Resource development		22-Aug	OSK-W-18-1639	5.2m @ 510g/t Au from 475.8m	0.0% <b>2652</b>
5		<b>Aurion Resources Ltd.</b> (TSX-V)	<b>Risti</b>	Exploration		19-Sep	AM18042	2.90m @ 789.06g/t Au from 116.10m	↑ 0.5% <b>2288</b>
6		<b>Frontier Lithium Inc.</b> (TSX-V)	<b>PAK</b>	Resource development		16-Oct	PL-028-18	219.75m @ 2.07% Li2O from 62.25m	0.0% <b>2249</b>
7		<b>Erdene Resource Development Corp.</b> (TSX)	<b>Bayan Khundii</b>	Exploration		10-Jan	BKD-231	14m @ 158.3g/t Au from 193m	↑ 22.4% <b>2216</b>
8		<b>Kirkland Lake Gold Ltd.</b> (TSX, ASX, NYSE)	<b>Fosterville</b>	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	↑ 1.0% <b>2153</b>
9		<b>TMAC Resources Inc.</b> (TSX)	<b>Hope Bay</b>	Resource development		14-Jun	TM50152	1.5m @ 1255.00g/t Au from 74.3m	↑ 9.3% <b>1883</b>
10		<b>Global Atomic Corp.</b> (TSX-V)	<b>Dasa</b>	Resource development		7-May	ASDH 563	204.1m @ 8062ppm eU3O8 from 58.5m	↑ 13.0% <b>1873</b>

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Click [here](#) for a summary table for all published reports for this week



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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 <http://intel.rscmme.com>. 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 42 have been converted into AuEq using the following metal prices (USD): \$1,228.85/oz Au, \$14.76/oz Ag, \$6,201.50/t Cu, \$19,532.00/t Li<sub>2</sub>O, \$62,000/t Co, \$2,625.00/t Zn, \$2,077.00/t Pb, \$19,150.00/t Sn <https://www.quandl.com/collections/markets/commodities>, <https://commoprices.com>, <https://www.uxc.com> or <http://markets.businessinsider.com/commodities>, <http://markets.businessinsider.com/commodities/historical-prices/iron-ore-price>.

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, Li<sub>2</sub>O, Sn, Co etc) and C<sub>n</sub> is the n<sup>th</sup> 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.