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**MINING & MINERAL
EXPLORATION**

WEEKLY BULLETIN:
RSC MINERAL INTELLIGENCE
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Week 31 (30 July – 05 August 2018)

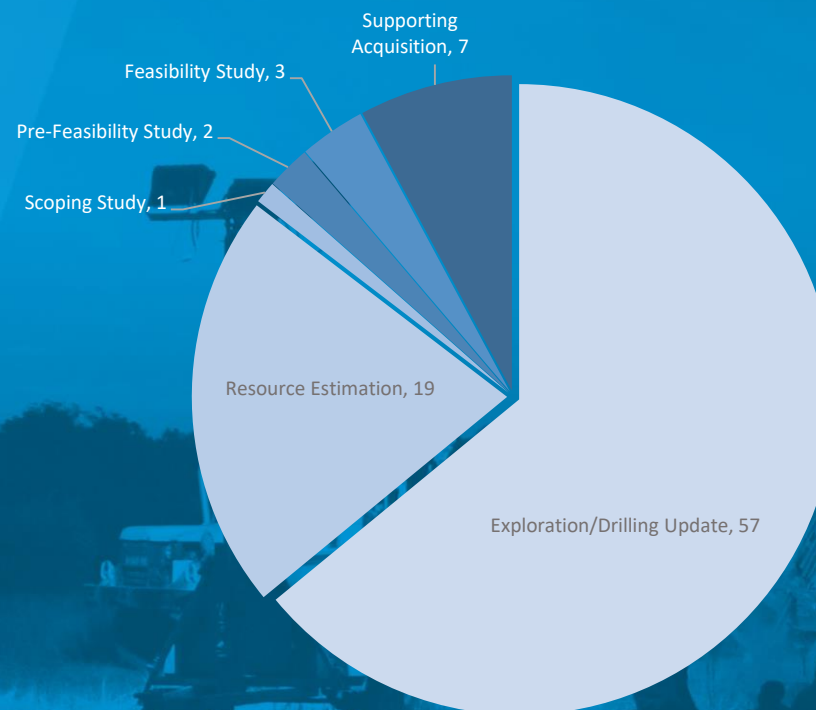
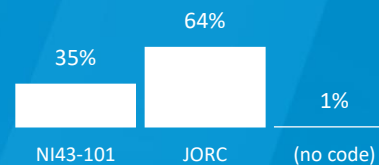
2018: Week 31 overview

	Number	Change
New technical reports published	89	9↑
Amended	5	3↑
Resource estimation reports	19	6↑
Maiden resources	3	1↓
Exploration/drilling updates	57	3↓
Filed NI43-101 technical reports	16	13↑

↑↓ 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



Resource reports soared to an 18 week high. Announced drilling decreased sharply following four positive weeks. Drilling updates decreased slightly from 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*	
Syd Financial Inc. (CSE)	Pluto	Supporting Acquisition	14-Dec-17	n/a		30-Jul-18	n/a	
Trojan Gold Inc. (n/a)	Hemlo South	Supporting Acquisition	31-Jan-18	n/a		30-Jul-18	n/a	
Tungsten Mining NL (ASX)	Mt Mulgine	Exploration/Drilling Update	30-Jul-18	↑	5.1%	31-Jul-18	↑	16.5%
Grande Portage Resources Ltd. (TSX-V)	Herbert	Resource Estimation	25-Apr-18	↓	-8.7%	31-Jul-18	↓	-4.3%
Impact Minerals Ltd. (ASX)	Clermont	Exploration/Drilling Update	18-Jul-18	0.0%		1-Aug-18	↑	7.7%

*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	10↓
Oceania	57	24↑
Africa	11	5↑
South America	5	5↓
Europe	2	1↑
Asia	1	3↓
Seabed Resources	0	

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

- Reported project
- Maiden Resource
- Maiden Reserve

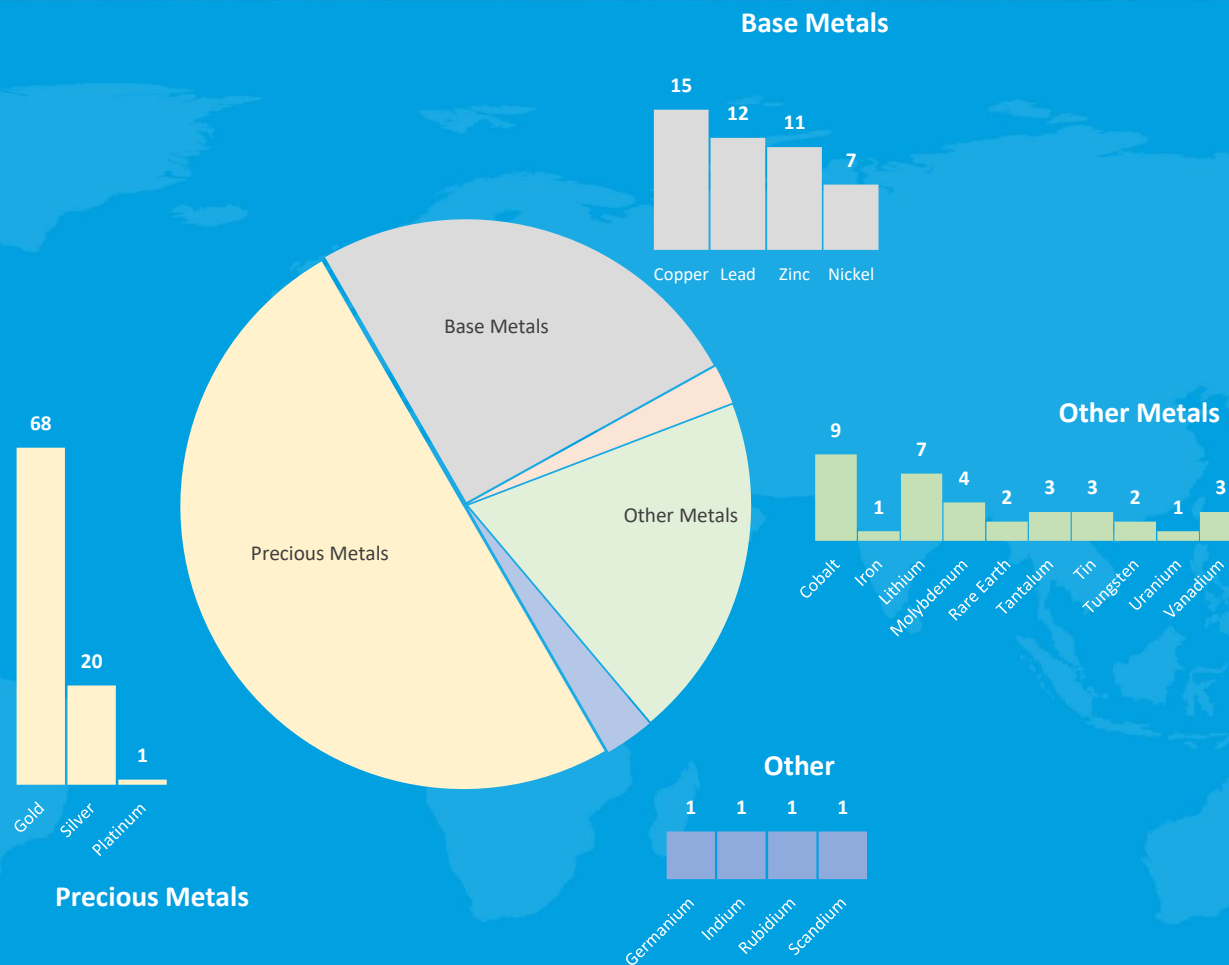
Map does not include projects mentioned from announced drilling reports.

Up

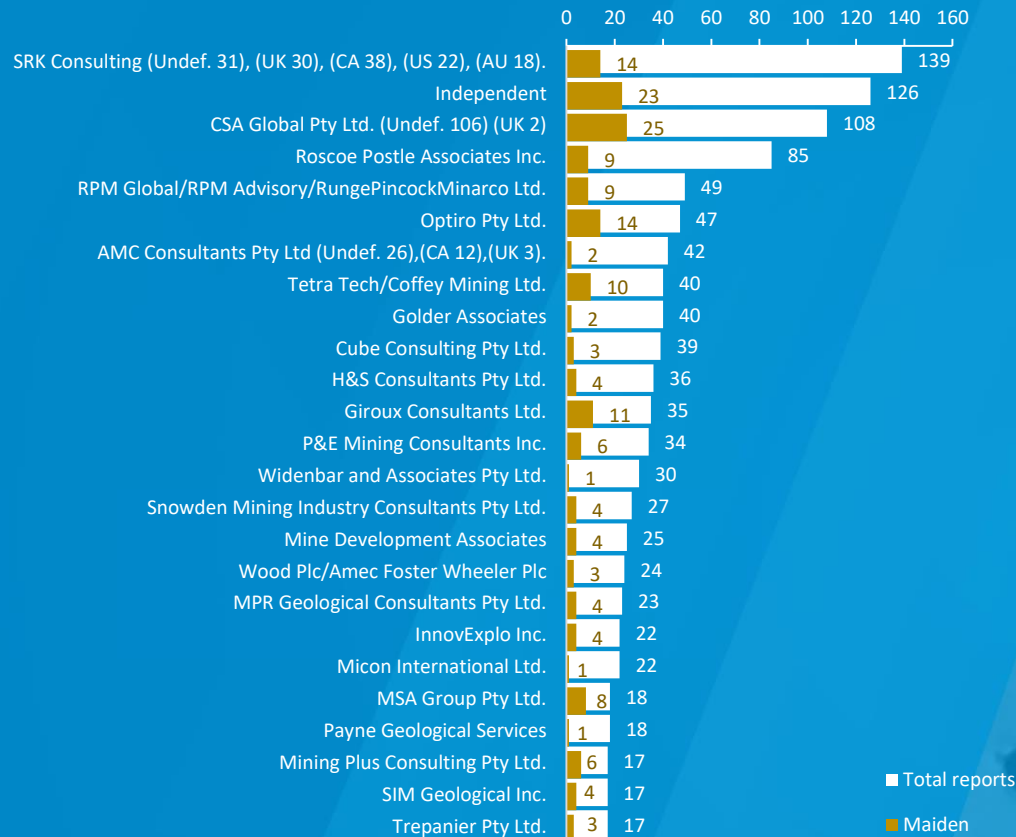
Gold	12
Molybdenum	4
Tungsten	2
Rare Earth	2
Vanadium	2
Tantalum	2
Tin	1
Indium	1
Germanium	1

Down

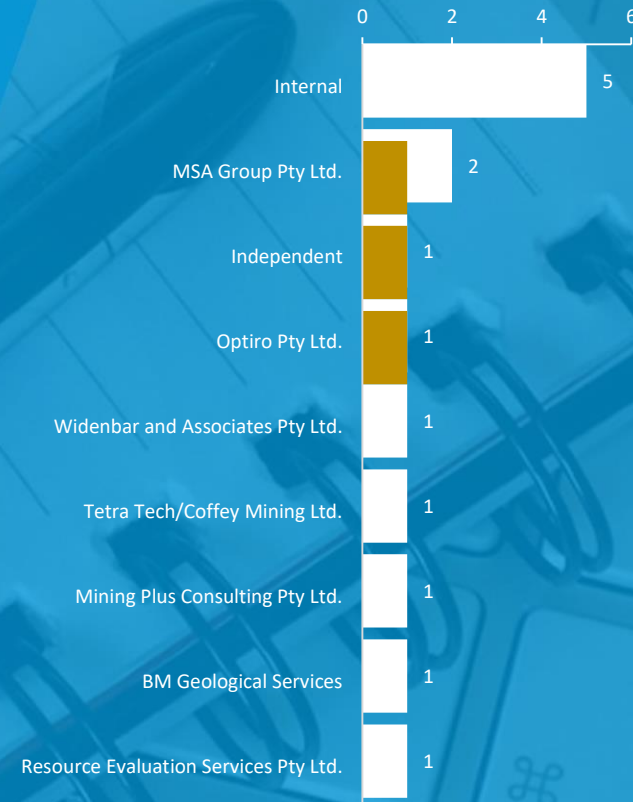
Copper	-7
Silver	-5
Zinc	-4
Cobalt	-4
Nickel	-3
Palladium	-2
Silica	-1
Coal	-1
PGM	-1
Lithium	-1
Lead	-1



Top 25 since Oct 2014

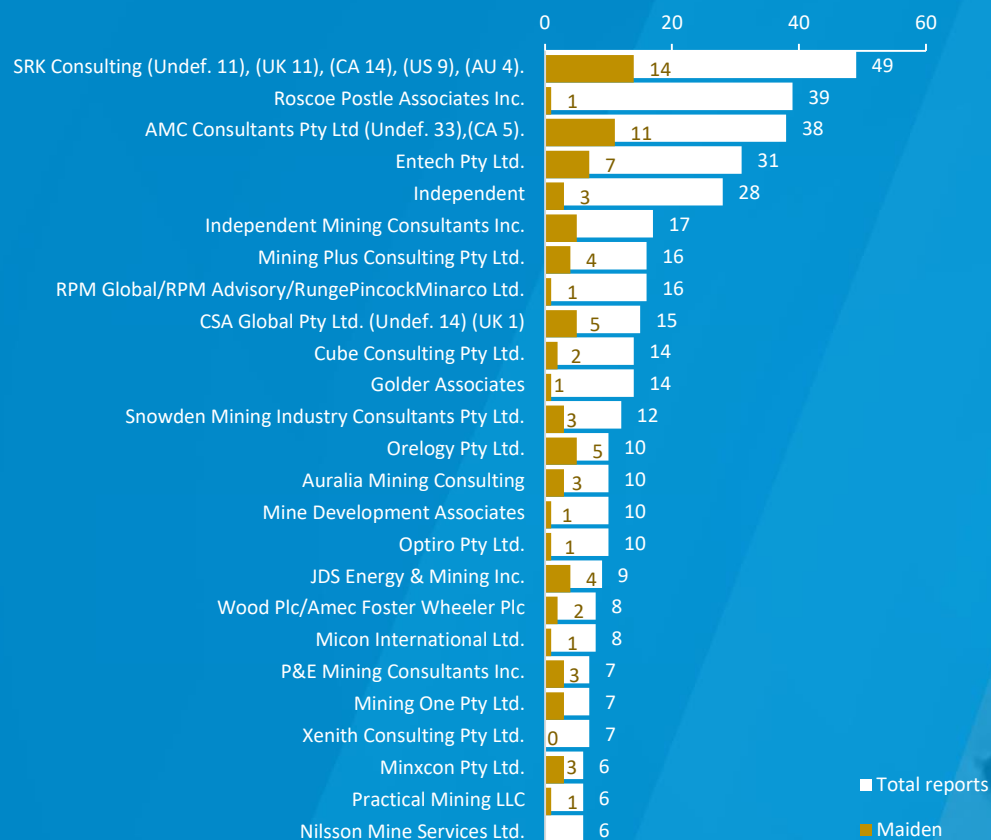


This Week

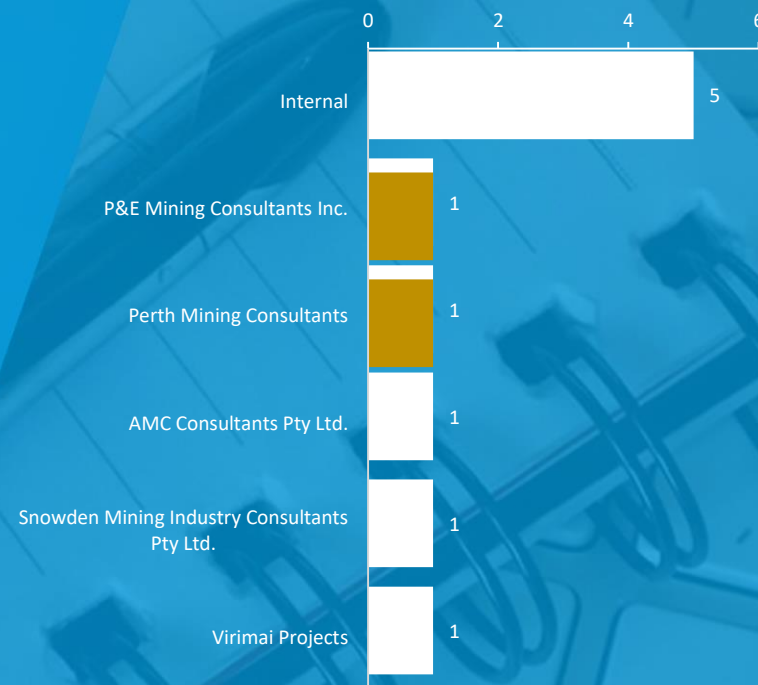


Note: Some reports can contain multiple resource QP's and consulting companies, therefore numbers may not add up to total. Reports are only counted where the resource status is maiden, updated or upgraded.

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		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		31-Jul	UDH2553	13.8m @ 134g/t Au from 273.0m	 1.0%	1849
2		AVZ Minerals Ltd. (ASX)	Manono	Resource development		2-Aug	MO18DD031	236.86m @ 1.56% Li2O, 499ppm Sn from 114.2m	 -7.1%	1737
3		Taruga Gold Ltd. (ASX)	Kamilombe	Resource development		30-Jul	KMDD001	31.21m @ 0.52% Co from 33.1m	 -24.3%	288

TSX/TSX-V Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		31-Jul	UDH2553	13.8m @ 134g/t Au from 273.0m	 1.0%	1849
2		Premier Gold Mines Ltd. (TSX)	Mercedes Mine	Resource development		2-Aug	UG-R018-006	21.95m @ 36.65g/t Au, 171.30g/t Ag from 89.15m	 3.7%	852
3		Iconic Minerals Ltd. (TSX-V,OTC,FWB)	Bonnie Claire	Exploration		1-Aug	BC1801	567m @ 921ppm Li from 79.0m	 50.0%	510

*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.

ASX Top 5:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Resolute Mining Ltd. (ASX)	Syama	Resource development		5-Jul	TARD619	5.0m @ 493.0g/t Au from 167.0m	 4.0%	2465
2		AVZ Minerals Ltd. (ASX)	Manono	Exploration		10-Jul	MO18DD018	283.20m @ 1.69% Li ₂ O, 905ppm Sn from 75.0m	 -2.0%	2238
3		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		31-Jul	UDH2553	13.8m @ 134g/t Au from 273.0m	 1.0%	1849
4		Adriatic Metals Plc (ASX)	Rupice	Exploration		17-Jul	BR-5-18	66m @ 2.1g/t Au, 158g/t Ag, 2.3% Cu, 8.6% Pb, 12.8% Zn from 210m	 -1.0%	1349
5		Artemis Resources Ltd. (ASX)	Carlow Castle	Resource development		25-Jul	18CCAD009	6.5m @ 23.44g/t Au, 10.35% Cu, 2.32% Co from 47m	 2.9%	525

TSX/TSX-V Top 5:










rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		31-Jul	UDH2553	13.8m @ 134g/t Au from 273.0m	 1.0%	1849
2		Wesdome Gold Mines Ltd. (TSX)	Kiena	Resource development		17-Jul	Hole 6325	13m @ 138.0g/t Au from 471.8m	 -2.1%	1794
3		NexGen Energy Ltd. (TSX,OTCQX)	Rook 1	Resource development		9-Jul	AR-18-186C1	23.5m @ 3.87% U ₃ O ₈ from 530.0m	 -0.8%	1137
4		SolGold Plc (LSE,TSX)	Cascabel	Exploration		13-Jul	Hole 56	4m @ 172.0g/t Au from 448m	 -2.6%	688
5		Osisko Mining Inc. (TSX)	Windfall	Resource development		25-Jul	OSK-W-18-1066-W1	9.8m @ 68.5g/t Au from 779.5m	 4.3%	671

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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		Northern Star Resources Ltd. (ASX)	Kundana	Resource development		20-Feb	PEGRSD17205	JV - 3.2m @ 1183.6g/t Au from 187.7m	 -2.0% 3788
2		Resolute Mining Ltd. (ASX)	Syama	Resource development		5-Jul	TARD619	5.0m @ 493.0g/t Au from 167.0m	 4.0% 2465
3		AVZ Minerals Ltd. (ASX)	Manono	Exploration		28-Jun	MO18DD015	302.1m @ 1.54% Li ₂ O, 875ppm Sn from 28.8m	 10.0% 2420
4		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		31-Jul	UDH2553	13.8m @ 134g/t Au from 273.0m	 1.0% 1849
5		Adriatic Metals Plc (ASX)	Rupice	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% 1665
6		Northern Star Resources Ltd. (ASX)	Jundee	Resource development		20-Feb	GWGC0880	1.6m @ 957.5g/t Au from 147.1m	 -2.0% 1532
7		Dragon Mining Ltd. (ASX)	Vammala Production Centre	Resource development		15-Jun	KU-1653	21.90m @ 55.02g/t Au from 31.50m	 18.4% 1205
8		Peel Mining Ltd. (ASX)	Wagga Tank	Exploration		23-Jan	WTRCDD033	46m @ 17.01% Zn, 9.57% Pb, 272g/t Ag, 1.22g/t Au from 201m	 9.6% 1109
9		Catalyst Metals Ltd. (ASX)	Four Eagles	Exploration		25-Jun	FERC222	16.0m @ 63.0g/t Au from 42.0m	 32.1% 1008
10		Echo Resources Ltd. (ASX)	Yandal	Resource development		13-Apr	ODDH0026	22m @ 40.13g/t Au from 67m	 -6.8% 883

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TSX:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg* (AuEq.)m**
1		Fission Uranium Corp. (TSX, OTCQX, FWB)	Patterson Lake South	Resource development		3-Jan	PLS17-MET-C	108.0m @ 8.46% U3O8 from 56.5m	↑ 1.2% 11334
2		NexGen Energy Ltd. (TSX, OTCQX)	Rook 1	Resource development		17-Jan	AR-17-159C1	26.5m @ 10.60% U3O8 from 427.5m	↑ 3.5% 3412
3		K92 Mining Inc. (TSX-V, OTCQB)	Kainantu	Resource development		25-Apr	KMDD0084	5.82m @ 486.78g/t Au, 6g/t Ag, 0.16% Cu from 48.30m	↑ 4.8% 2835
4		Osisko Mining Inc. (TSX)	Windfall Lake	Resource development		23-Jan	OSK-W-17-1166-W1	5.9m @ 415g/t Au from 1027m	↑ 4.7% 2449
5		Erdene Resource Development Corp. (TSX)	Bayan Khundii	Exploration		10-Jan	BKD-231	14m @ 158.3g/t Au from 193m	↑ 22.4% 2216
6		TMAC Resources Inc. (TSX)	Hope Bay	Resource development		14-Jun	TM50152	1.5m @ 1255.00g/t Au from 74.3m	↑ 9.3% 1883
7		Global Atomic Corp. (TSX-V)	Dasa	Resource development		7-May	ASDH 563	204.1m @ 8062ppm eU3O8 from 58.5m	↑ 13.0% 1873
8		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		31-Jul	UDH2553	13.8m @ 134g/t Au from 273.0m	↑ 1.0% 1849
9		Wesdome Gold Mines Ltd. (TSX)	Kiena	Resource development		17-Jul	Hole 6325	13m @ 138.0g/t Au from 471.8m	↓ -2.1% 1794
10		Equinox Gold Corp. (TSX-V, OTC)	Aurizona	Exploration		8-Mar	D612	21m @ 84.3g/t Au	↑ 3.6% 1770

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



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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 31 have been converted into AuEq using the following metal prices (USD):

\$1,219.20/oz Au, \$15.43/oz Ag, \$69,500.00/t Co, \$17,784.00/t Li₂O, \$20,100.00/t Sn from <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>.

Li converted to Li₂O using Li x 2.153 = Li₂O

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.