



rsc

**MINING & MINERAL
EXPLORATION**

WEEKLY BULLETIN:
RSC MINERAL INTELLIGENCE
intel.rscmme.com

Week 38 (17 – 23 September 2018)

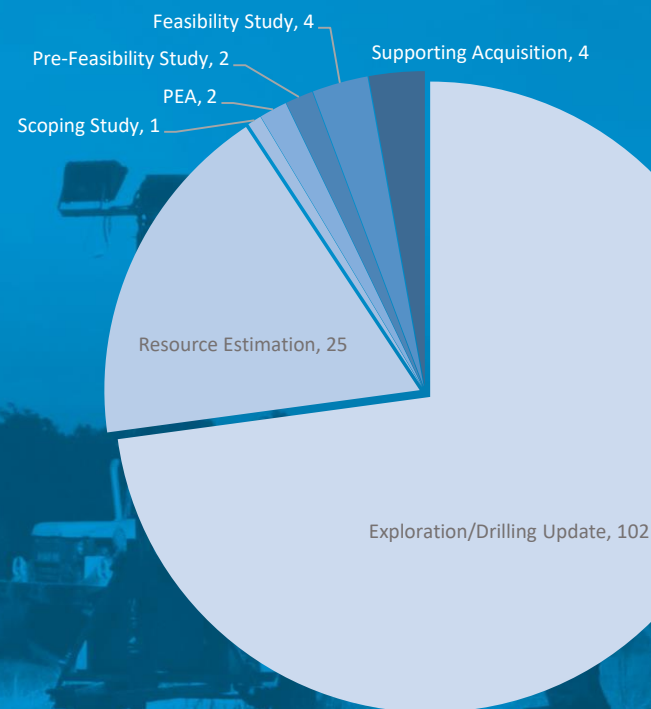
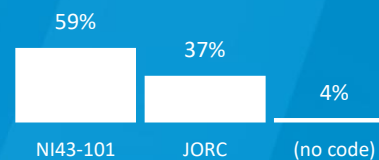
2018: Week 38 overview

	Number	Change
New technical reports published	140	34 ↑
Amended	5	3 ↑
Clarified	0	1 ↓
Resource estimation reports	25	7 ↑
Maiden resources	4	3 ↑
Exploration/drilling updates	102	25 ↑
Other monitored reports		
Filed NI43-101 technical reports	1	1 ↑
Environmental reports	0	
Announced drilling	63	4 ↑

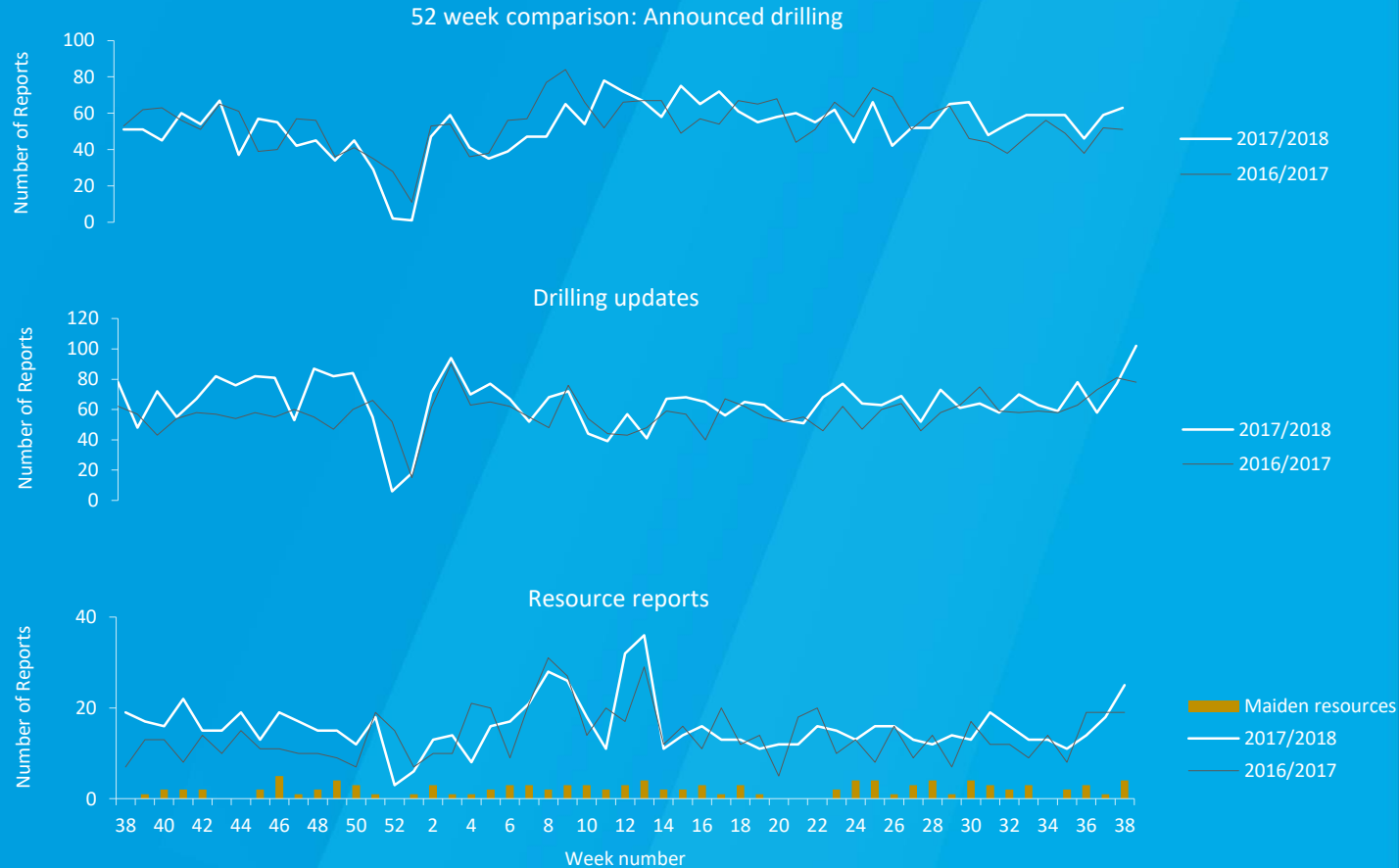
↑↓ shows increase or decrease compared to last week's reporting

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



This week saw an all time recorded high in drilling updates. There was also a 25-week high for resource reports which included four maiden resource announcements.

4 CORRECTED ANNOUNCEMENTS RELEASED THIS WEEK

company	project	report type	original report release date	share price change*	corrected report release date	share price change*
Myanmar Metals Ltd. (ASX)	Bawdwin	Scoping Study	14-Sep-18	↓ -4.4%	20-Sep-18	↑ 2.9%
Enforcer Gold Corp. (TSX-V)	Roger	Resource Estimation	28-Aug-18	↑ 50.0%	18-Sep-18	↓ -25.0%
Canyon Resources Ltd. (ASX)	Minim Martap	Resource Estimation	4-Sep-18	↑ 4.0%	20-Sep-18	↓ -2.0%
Origin Gold Corporation Inc. (TSX-V)	La Pantera	Supporting Acquisition	16-Aug-18	↓ -23.1%	19-Sep-18	↓ -10.0%
Alexco Resource Corp. (TSX)	Keno Hill	PEA	3-Jan-17	↑ 5.0%	21-Sep-18	↓ -5.4%

*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	67	21↑
Oceania	36	5↑
Africa	16	9↑
South America	11	3↓
Europe	11	4↑
Asia	7	4↑
Seabed Resources	0	

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

- Reported project
- Maiden Resource
- Maiden Reserve

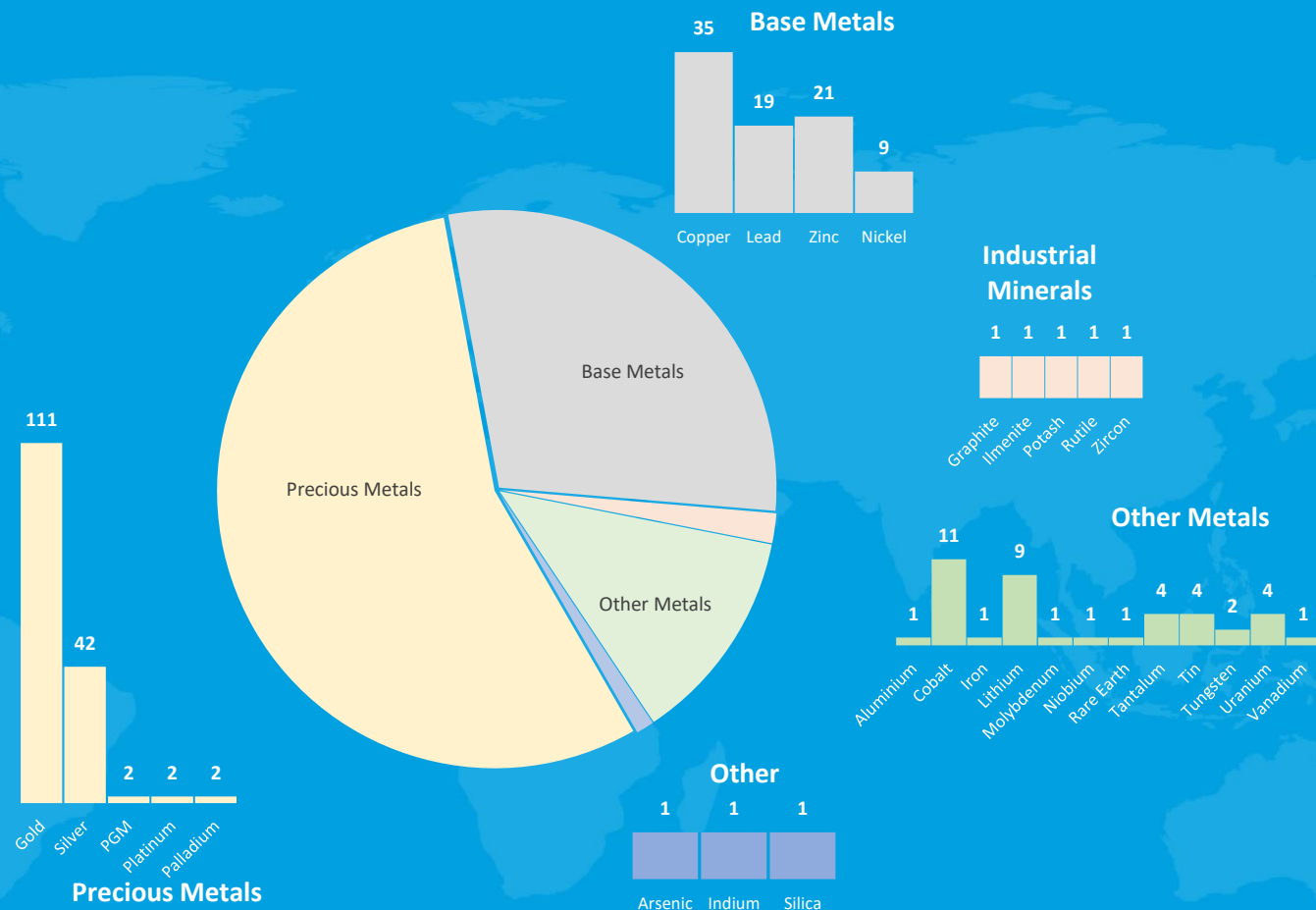
Map does not include projects mentioned from announced drilling reports.

Up

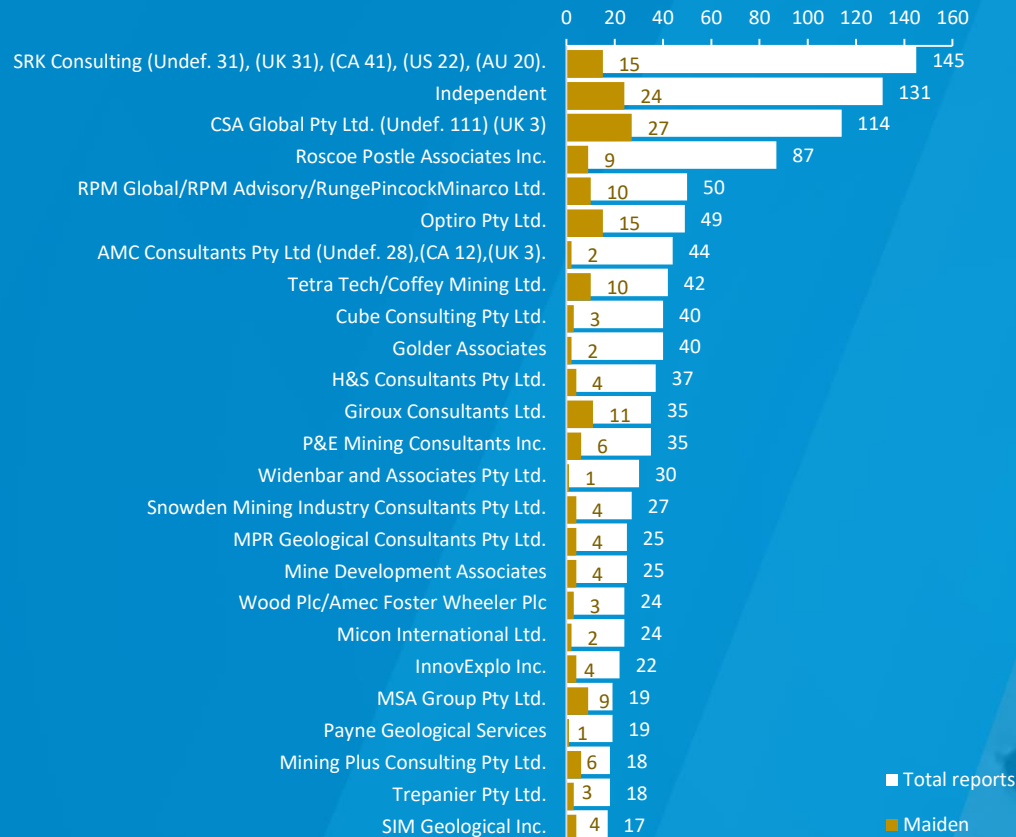
Gold	33
Copper	14
Lead	7
Silver	5
Zinc	4
Uranium	4
Tantalum	3
Cobalt	3
Nickel	3
Tin	2
Lithium	2
Platinum	2
Potash	1
Indium	1
Zircon	1
Niobium	1
Arsenic	1
Tungsten	1
PGM	1
Ilmenite	1
Rutile	1

Down

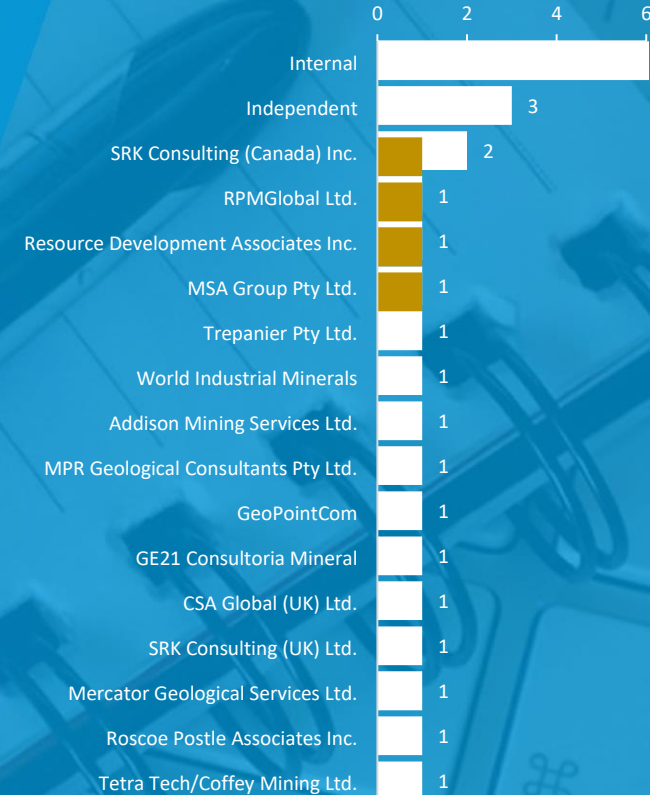
Molybdenum	-2
Vanadium	-2
Tellurium	-1
Feldspar	-1
Mica	-1
Silica	-1
Titanium	-1
Phosphate	-1
Scandium	-1
Iridium	-1
Osmium	-1
Rhodium	-1
Ruthenium	-1
Rare Earth	-1



Top 25 since Oct 2014

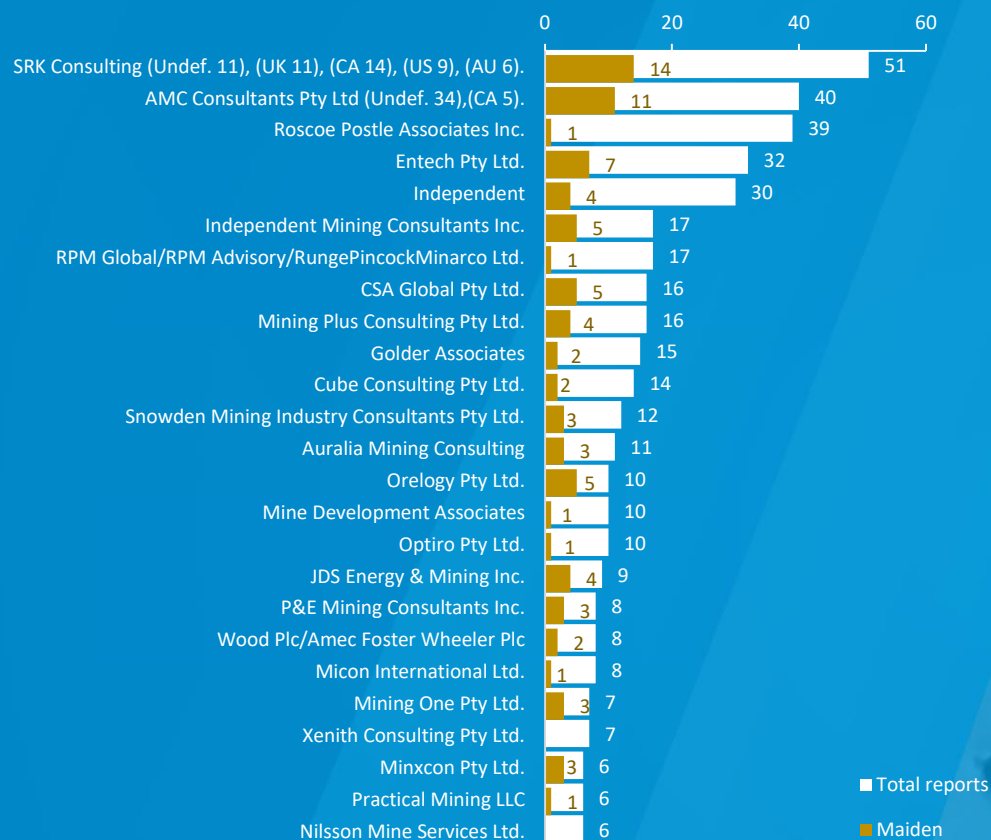


This Week

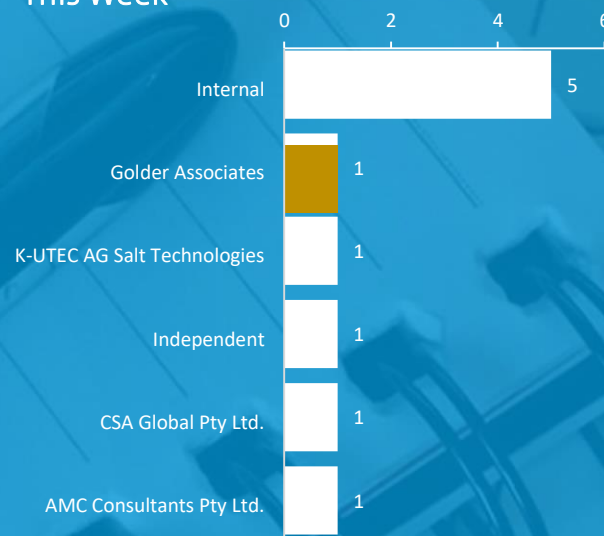


Note: Some reports can contain multiple resource QP's and consulting companies, therefore numbers may not add up to total. Reports are only counted where the resource status is maiden, updated or upgraded.

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.

ASX Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Gascoyne Resources Ltd. (ASX)	Dalgaranga	Resource development		19-Sep	DGRC509	8m @ 373.5g/t Au from 53m	 14.5%	2988
2		AVZ Minerals Ltd. (ASX)	Manono	Resource development		19-Sep	MO18DD044	273.45m @ 1.73% Li ₂ O, 953ppm Sn from 50.55m	 2.2%	2495
3		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	 2.9%	2153

TSX/TSX-V Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Aurion Resources Ltd. (TSX-V)	Risti	Exploration		19-Sep	AM18042	2.90m @ 789.06g/t Au from 116.10m	 0.5%	2288
2		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	 2.9%	2153
3		Excellon Resources Inc. (TSX,OTC)	Platosa Mine	Resource development		18-Sep	EX18UG435	15.1m @ 0.4g/t Au, 1014g/t Ag, 10.9% Pb, 26% Zn from 89.9m	 -6.7%	514


*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: SEPTEMBER

ASX Top 5:

rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Gascoyne Resources Ltd. (ASX)	Dalgaranga	Resource development		19-Sep	DGRC509	8m @ 373.5g/t Au from 53m	 14.5%	2988
2		AVZ Minerals Ltd. (ASX)	Manono	Resource definition	 	5-Sep	MO18DD035	286.75m @ 1.74% Li ₂ O, 822ppm Sn from 54.55m	 2.2%	2618
3		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	 2.9%	2153
4		Oklo Resources Ltd. (ASX)	Dandoko	Exploration		3-Sep	DDSK18-035	40m @ 10.66g/t Au from 25m	 -1.8%	426
5		King River Copper Ltd. (ASX)	Mt Remarkable	Exploration		10-Sep	KMDD0001	6m @ 60g/t Au from 24.0m	 3.6%	360

TSX/TSX-V Top 5:































rank	country	company	project	status	commodity	date	hole	intersection	share price chg*	(AuEq.)m**
1		Aurion Resources Ltd. (TSX-V)	Risti	Exploration		19-Sep	AM18042	2.90m @ 789.06g/t Au from 116.10m	 0.5%	2288
2		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	 2.9%	2153
3		Chakana Copper Corp. (TSX-V)	Soledad	Exploration	 	11-Sep	SDH18-071	439.80m @ 1.45g/t Au, 50.4g/t Ag, 0.69% Cu from 0.0m	 2.1%	1362
4		Skeena Resources Ltd. (TSX-V)	Eskay Creek	Exploration	 	11-Sep	SK-18-003	27.70m @ 29.49g/t Au, 973.01g/t Ag from 62.30m	 -8.2%	1136
5		Wesdome Gold Mines Ltd. (TSX)	Kiena	Resource definition		11-Sep	Hole 6321	5.1m @ 177.3g/t Au from 251.4m	 3.8%	904

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

** see details relating 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:





















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	3.2m @ 1183.6g/t Au from 187.7m	 -2.0% 3788
2		Gascoyne Resources Ltd. (ASX)	Dalgaranga	Resource development		19-Sep	DGRC509	8m @ 373.5g/t Au from 53m	 14.5% 2988
3		AVZ Minerals Ltd. (ASX)	Manono	Resource definition		5-Sep	MO18DD035	286.75m @ 1.74% Li ₂ O, 822ppm Sn from 54.55m	 1.0% 2618
4		Resolute Mining Ltd. (ASX)	Syama	Resource development		5-Jul	TARD619	5.0m @ 493.0g/t Au from 167.0m	 1.0% 2465
5		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	 2.9% 2153
6		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
7		Northern Star Resources Ltd. (ASX)	Jundee	Resource development		20-Feb	GWGC0880	1.6m @ 957.5g/t Au from 147.1m	 -2.0% 1532
8		Artemis Resources Ltd. (ASX)	Carlow Castle	Resource development		29-Aug	ARC0139	132m @ 4.89g/t Au, 1.11% Cu, 0.25% Co from 98m	 17.6% 1417
9		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
10		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

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

** see details relating 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.

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	Resource development		22-Aug	OSK-W-18-1639	5.2m @ 510g/t Au from 475.8m	0.0% 2652
5		Aurion Resources Ltd. (TSX-V)	Risti	Exploration		19-Sep	AM18042	2.90m @ 789.06g/t Au from 116.10m	↑ 0.5% 2288
6		Erdene Resource Development Corp. (TSX)	Bayan Khundii	Exploration		10-Jan	BKD-231	14m @ 158.3g/t Au from 193m	↑ 22.4% 2216
7		Kirkland Lake Gold Ltd. (TSX, ASX, NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	↑ 2.9% 2153
8		TMAC Resources Inc. (TSX)	Hope Bay	Resource development		14-Jun	TM50152	1.5m @ 1255.00g/t Au from 74.3m	↑ 9.3% 1883
9		Global Atomic Corp. (TSX-V)	Dasa	Resource development		7-May	ASDH 563	204.1m @ 8062ppm eU3O8 from 58.5m	↑ 1.0% 1873
10		SolGold Plc (LSE, TSX-V)	Cascabel	Resource development		13-Aug	Hole 57	832m @ 0.72% Cu, 1.10g/t Au from 556m	↓ -12.2% 1860

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

** see details relating 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. Readers are also advised to review the cautionary statement on the last page of this bulletin.

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



intel.rscmme.com



GENERAL INQUIRIES

info@rscmme.com +61 8 9467 1444 www.rscmme.com

MAIN OFFICES

RSC Australia

45 Ventnor Avenue
West Perth WA 6005
Australia

Postal Address:
PO Box 803, West Perth
WA 6872, Australia

RSC New Zealand

109 Princes Street, 2nd floor,
Queens Building,
Dunedin 9016, New Zealand

Postal Address:
PO Box 5647, Dunedin 9058
New Zealand

SUPPORTING OFFICES

RSC Rwanda

Kisment -Remera Gasabo
Kigali, Rwanda

RSC Zimbabwe

1st floor Alldeloyd Building
106 Josiah Tongogara St
Bulawayo, Zimbabwe

RSC Mongolia

No. 115, Tavan Bogd Plaza
Yorunkhii said Amariin Street-2
Ulaanbaatar, Mongolia

Postal Address:
PO Box 2392, Ulaanbaatar,
Mongolia

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 38 have been converted into AuEq using the following metal prices (USD): \$1,199.40/oz Au, \$14.21/oz Ag, \$2,045.50/t Pb, \$2,346.00/t Zn, \$19,020.00/t Sn, \$19,288.00/t Li2O 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>.

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

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

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.