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**MINING & MINERAL
EXPLORATION**

WEEKLY BULLETIN:
RSC MINERAL INTELLIGENCE
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Week 39 (24 – 30 September 2018)

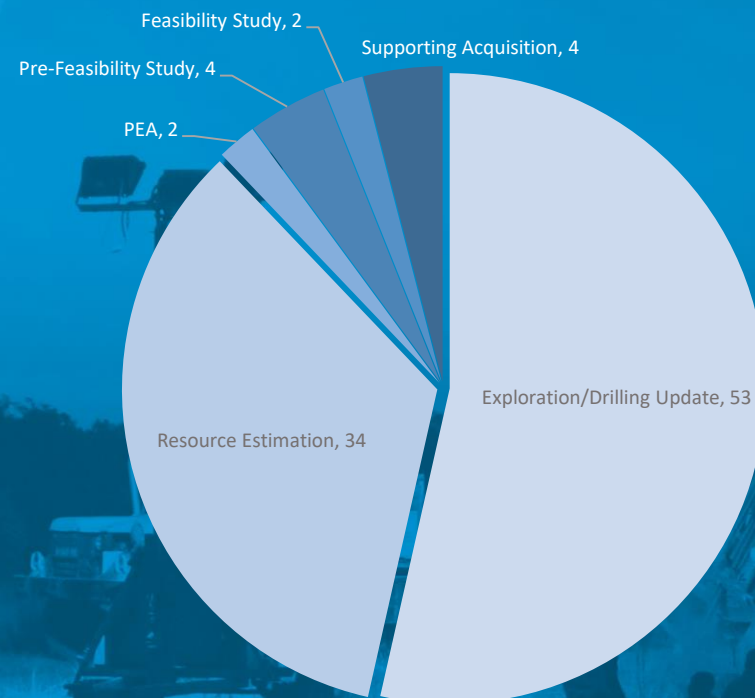
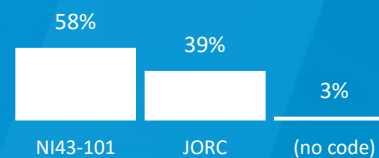
2018: Week 39 overview

	Number	Change
New technical reports published	99	41↓
Amended	0	5↓
Clarified	0	
Resource estimation reports	34	9↑
Maiden resources	5	1↑
Exploration/drilling updates	53	49↓
Other monitored reports		
Filed NI43-101 technical reports	1	
Environmental reports	1	1↑
Announced drilling	51	12↓

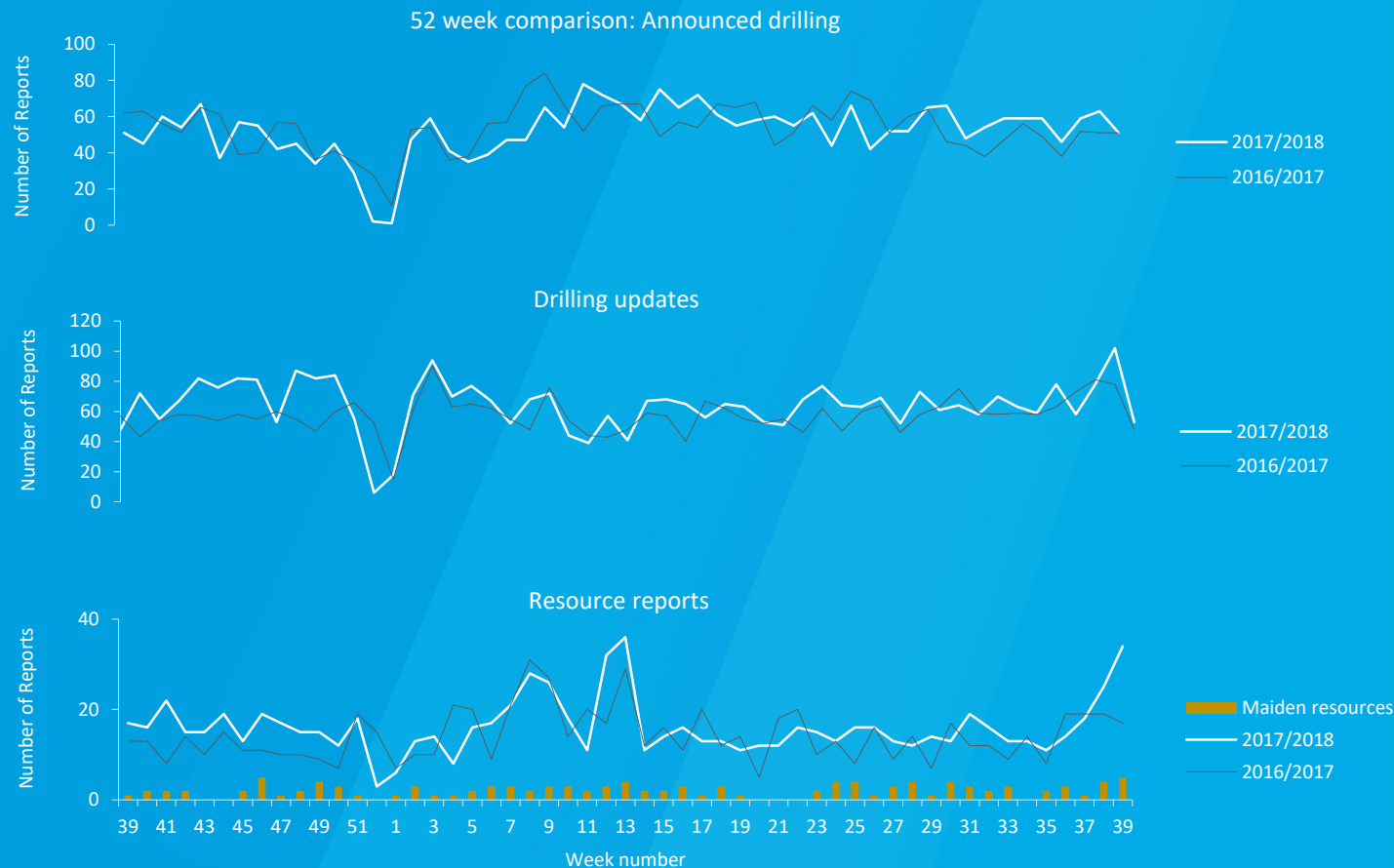
↑↓ shows increase or decrease compared to last week's reporting

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

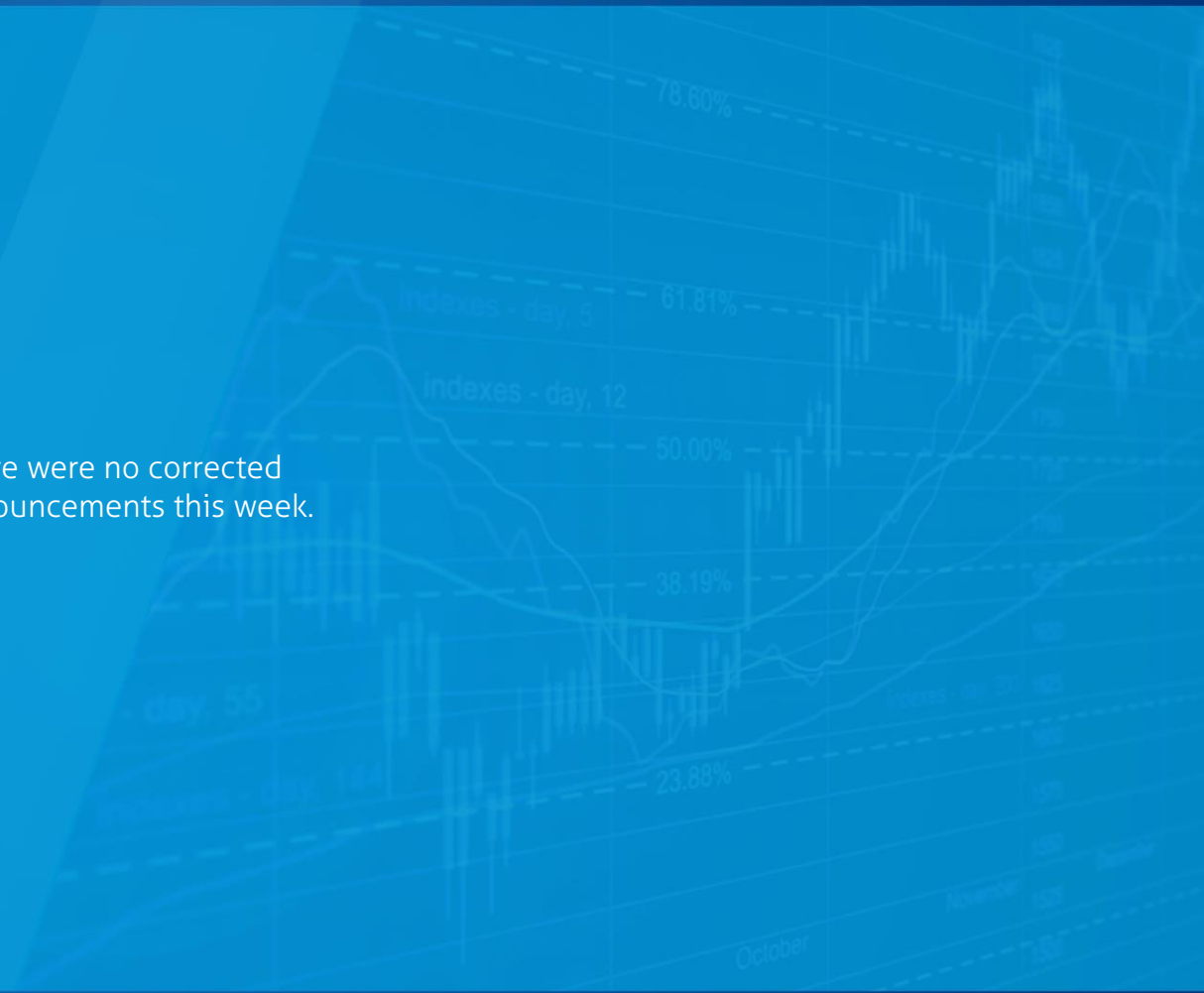


Number of reports by report type



Resource reports continued to surge this week reaching a 26-week high with 5 maiden resource announcements. All other recorded reports were down from the previous week with drilling updates reaching a 18-week low after the record high.

There were no corrected
announcements this week.





Location	Projects	Change
North America	52	15↓
Oceania	26	10↓
Africa	11	5↓
South America	7	4↓
Europe	5	6↓
Asia	3	4↓
Seabed Resources	1	1↑

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

- Reported project
- Maiden Resource
- Maiden Reserve

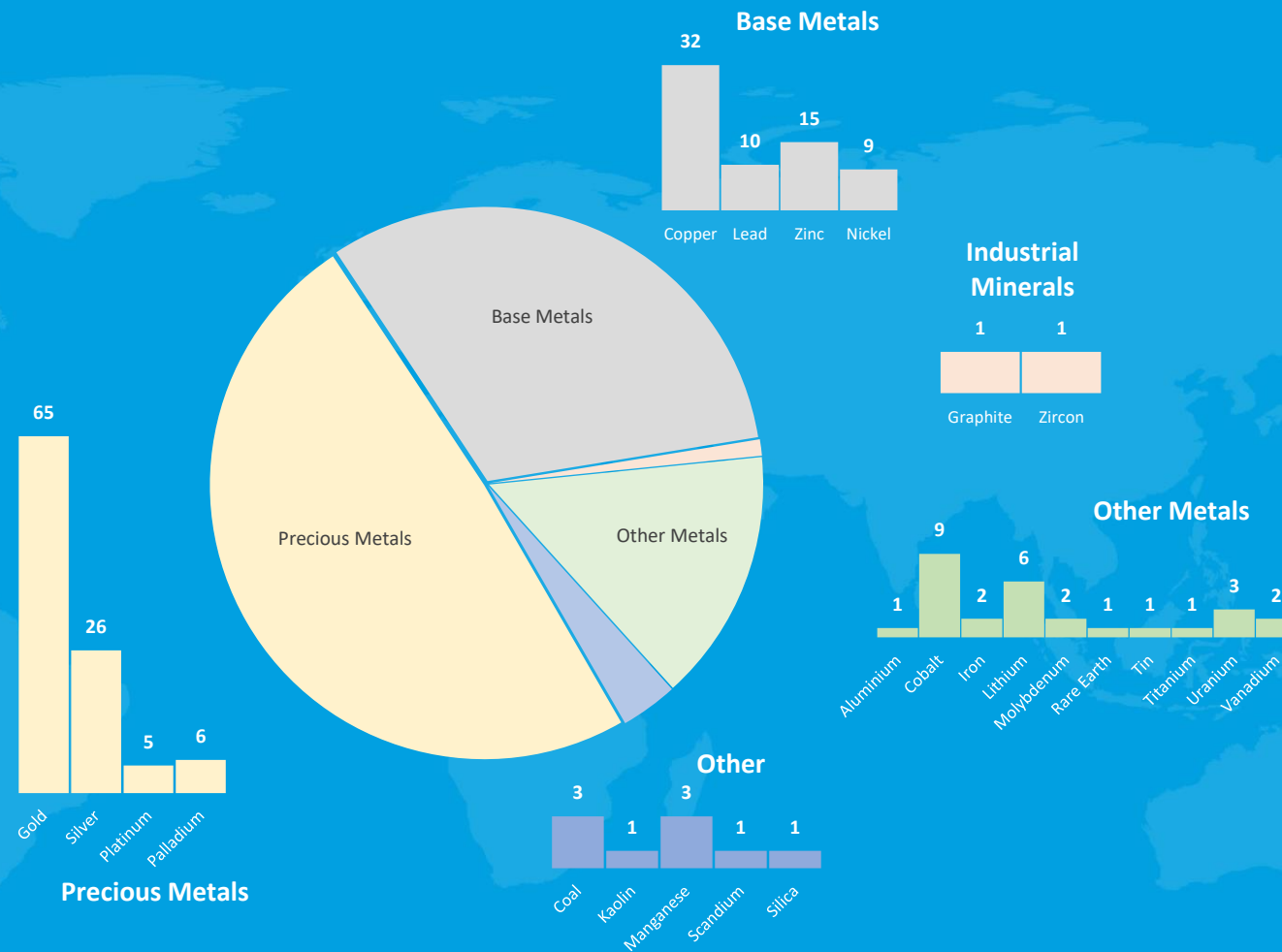
Map does not include projects mentioned from announced drilling reports.

Up

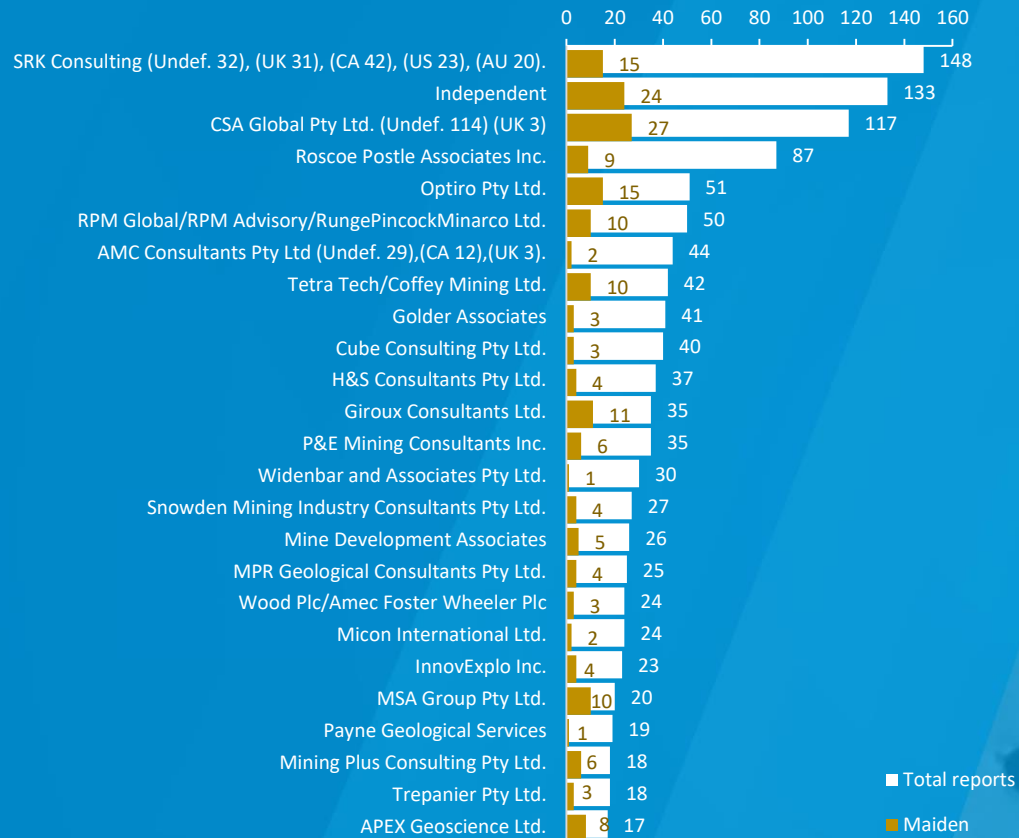
Palladium	4
Platinum	3
Coal	3
Manganese	3
Iron	1
Kaolin	1
Zeolite	1
Titanium	1
Scandium	1
Molybdenum	1
Vanadium	1

Down

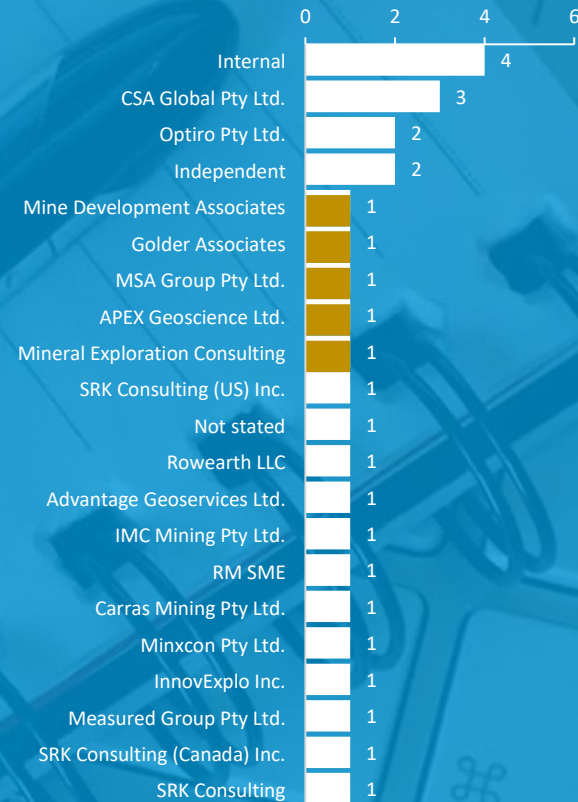
Gold	-46
Silver	-16
Lead	-9
Zinc	-6
Tantalum	-4
Tin	-4
Copper	-3
Lithium	-3
Cobalt	-2
Tungsten	-2
PGM	-2
Uranium	-1
Potash	-1
Indium	-1
Niobium	-1
Arsenic	-1
Ilmenite	-1
Rutile	-1



Top 25 since Oct 2014

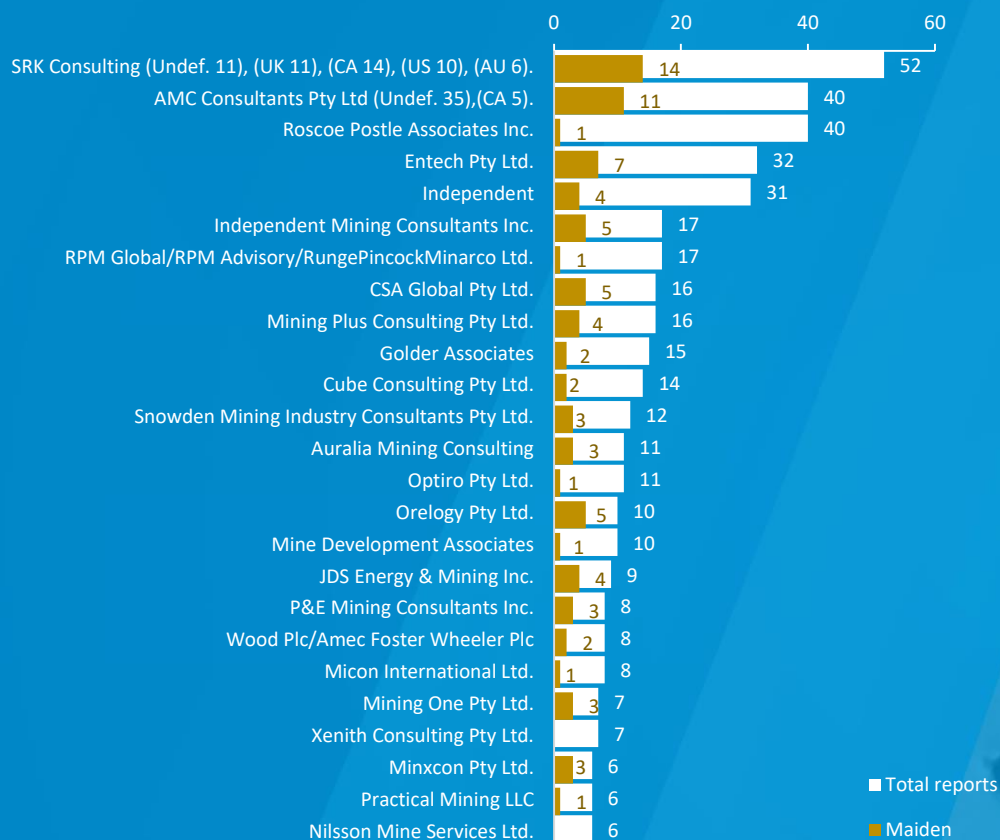


This Week

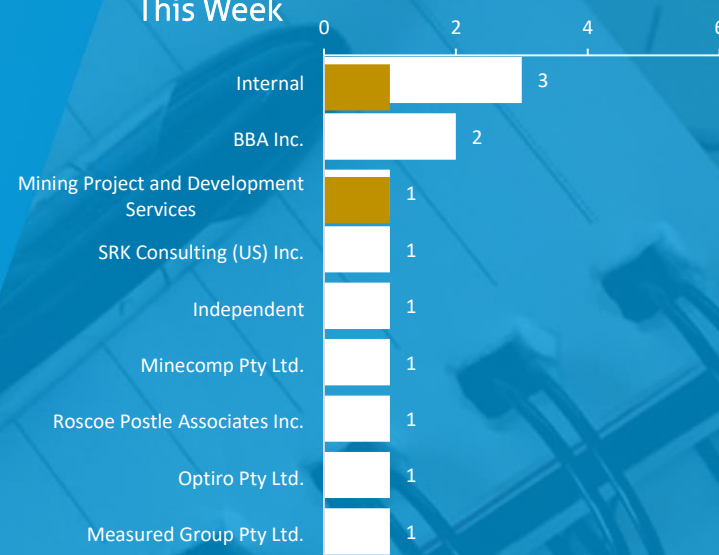


Note: Some reports can contain multiple resource QP's and consulting companies, therefore numbers may not add up to total. Reports are only counted where the resource status is maiden, updated or upgraded.

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		Black Dragon Gold Corp. (TSX-V,ASX)	Salave	Resource development		24-Sep	BD18-07	23.30m @ 29.1g/t Au from 164.8m	 -2.7%	678
2		Adriatic Metals Plc (ASX)	Rupice	Exploration	  	28-Sep	BR-10-18	28m @ 3.4g/t Au, 271g/t Ag, 0.5% Cu, 5.9% Pb, 10.8% Zn from 236m	 4.3%	493
3		Bellevue Gold Ltd. (ASX)	Bellevue	Resource development		26-Sep	DRDD069	10.1m @ 29.0g/t Au from 188m	 2.6%	293

TSX/TSX-V Top 3:

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		25-Sep	PLS18-588	50.50m @ 8.21% U3O8 from 115.5m	 -4.5%	6483
2		Black Dragon Gold Corp. (TSX-V,ASX)	Salave	Resource development		24-Sep	BD18-07	23.30m @ 29.1g/t Au from 164.8m	0.0%	678
3		Garibaldi Resources Corp. (TSX-V)	Nickel Mountain	Exploration	  	24-Sep	EL-18-20	30.5m @ 3.1% Ni, 1.86% Cu, 0.081% Co, 0.86g/t Pt, 1.77g/t Pd, 0.74g/t Au from 102.0m	 4.5%	537

*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	0.0%	2988
2		AVZ Minerals Ltd. (ASX)	Manono	Resource development		5-Sep	MO18DD035	286.75m @ 1.74% Li2O, 822ppm Sn from 54.55m	↑ 4.3%	2618
3		Kirkland Lake Gold Ltd. (TSX,ASX,NYSE)	Fosterville	Resource development		19-Sep	UDH2551	7.45m @ 289g/t Au from 308.0m	↑ 2.6%	2153
4		Black Dragon Gold Corp. (TSX-V,ASX)	Salave	Resource development		24-Sep	BD18-07	23.30m @ 29.1g/t Au from 164.8m	↓ -2.7%	678
5		Adriatic Metals Plc (ASX)	Rupice	Exploration		28-Sep	BR-10-18	28m @ 3.4g/t Au, 271g/t Ag, 0.5% Cu, 5.9% Pb, 10.8% Zn from 236m	↑ 4.3%	493

TSX/TSX-V Top 5:































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		25-Sep	PLS18-588	50.50m @ 8.21% U3O8 from 115.5m	↓ -4.5%	6483
2		Aurion Resources Ltd. (TSX-V)	Risti	Exploration		19-Sep	AM18042	2.90m @ 789.06g/t Au from 116.10m	↑ 0.5%	2288
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		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
5		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

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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	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

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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	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

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



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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 39 have been converted into AuEq using the following metal prices (USD): \$1,199.45/oz Au, \$14.29/oz Ag, \$2,016.00/t Pb, \$6,275.50/t Cu, \$2,526.00/t Zn, \$830.00/oz Pt, \$1,057.00/oz Pd, \$12,840.00/t Ni, \$61,500.00/t Co, \$27.35/lb U3O8. 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.