



# opaxe

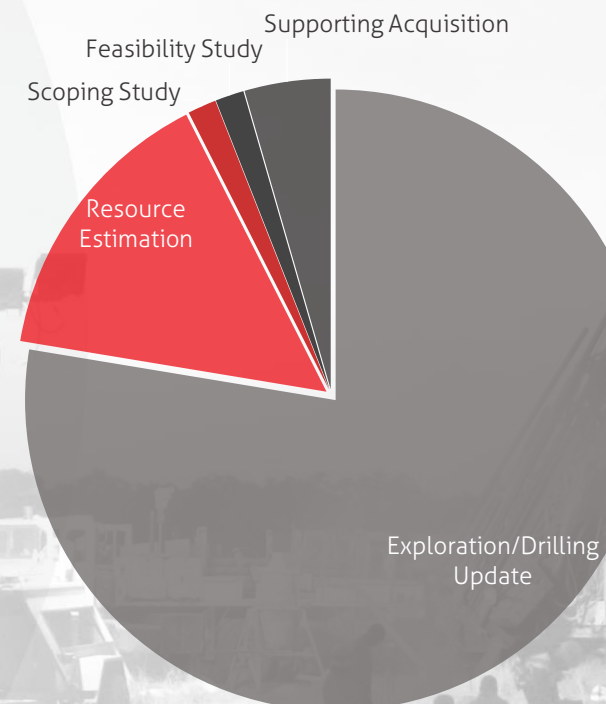
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RESOURCE REPORTS BULLETIN  
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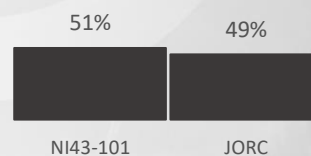
## 2019 week 22 overview

	Number	Change
<b>New technical reports published</b>	66	7↑
Amended	0	5↓
Clarified	0	
Resource estimation reports	9	2↑
Initial resources	1	
Exploration/drilling updates	52	11↑
<b>Other monitored reports</b>		
Filed NI43-101 technical reports	5	1↓
Environmental reports	0	
Announced drilling	56	17↑

## Number of reports by report type



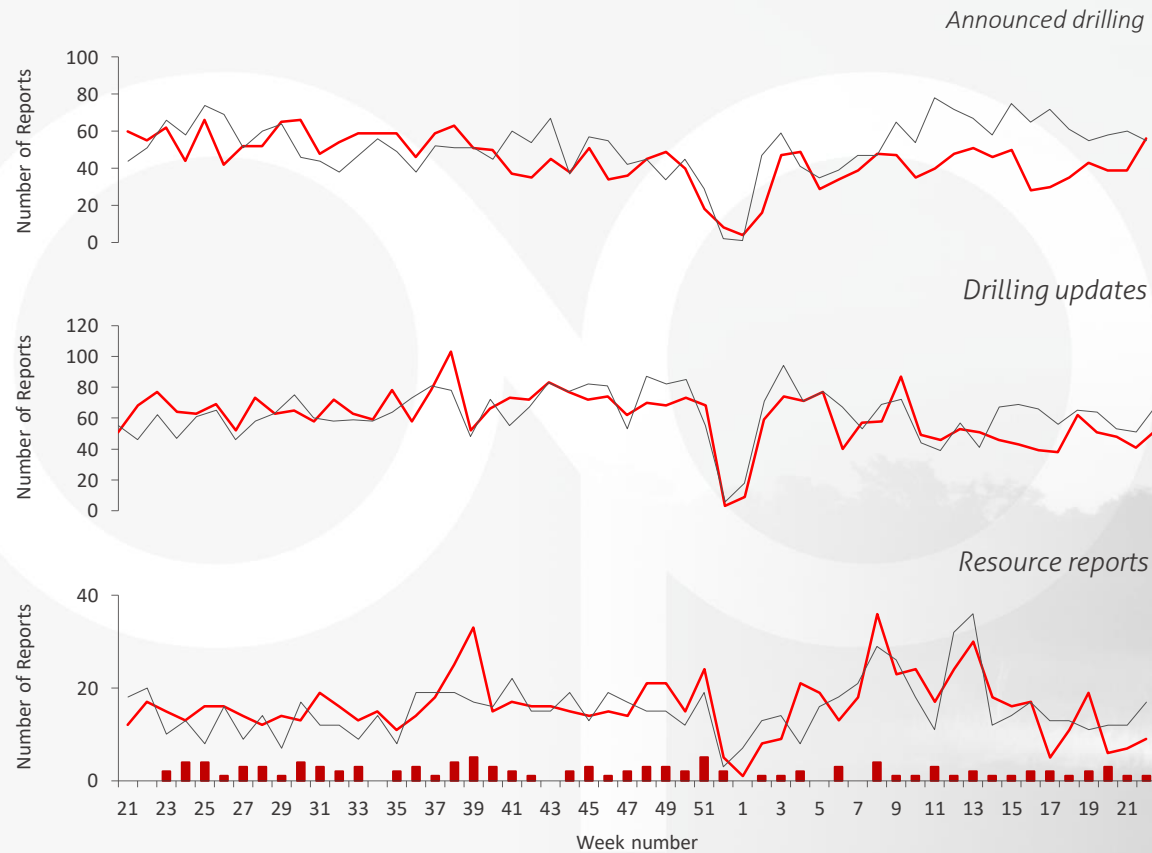
## Number of reports by code



↑↓ 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

## 52 week comparison



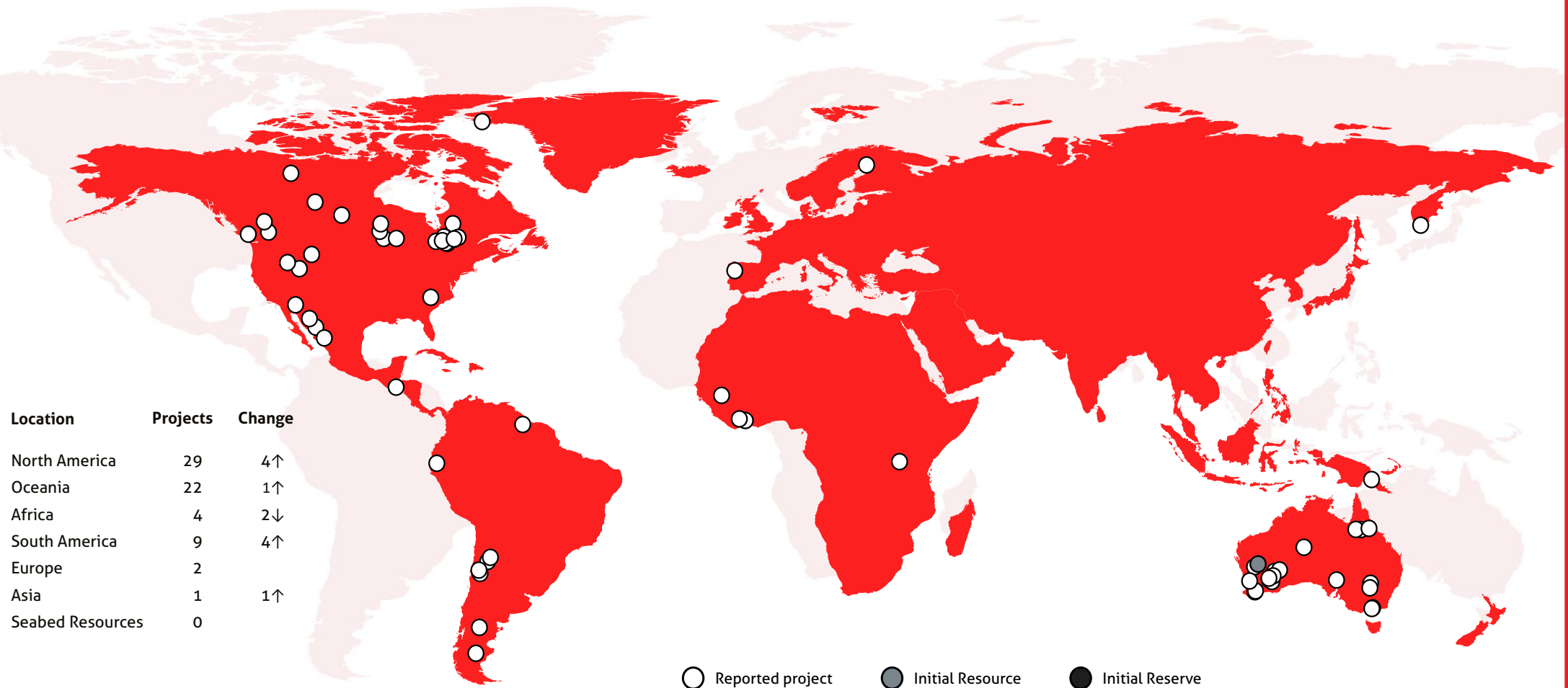
All monitored report types showed increases this week. In particular, announced drilling reached its highest point since September 2018.



There were no corrected announcements released this week.

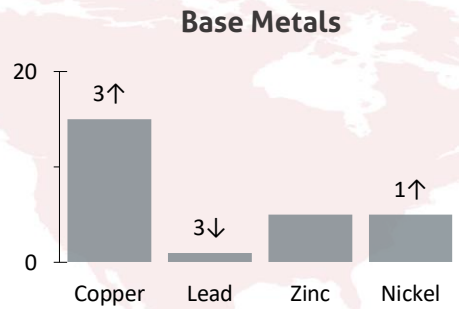
<sup>1</sup> Between close of trade the day prior to the announcement and open of trade the day after the announcement date



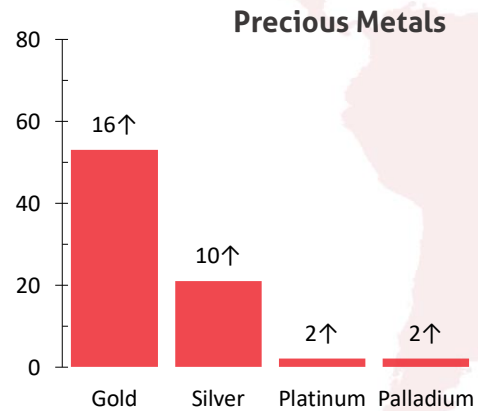
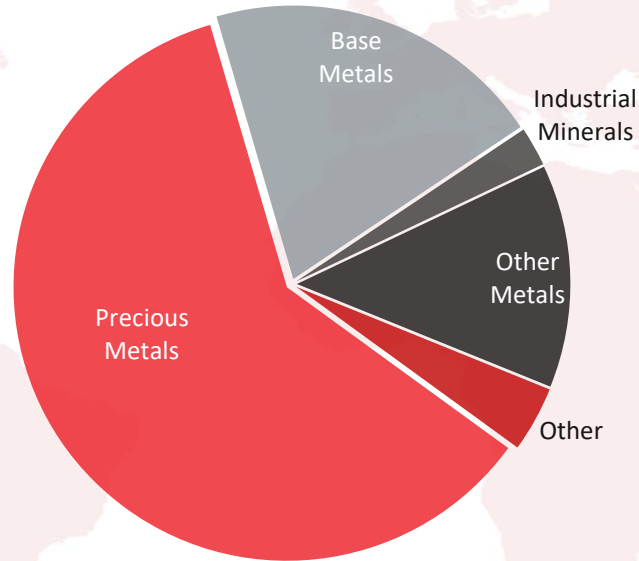


Map does not include projects mentioned from announced drilling reports

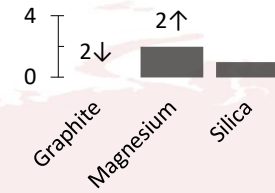
↓↑ shows increase of decrease compared to last week's reporting



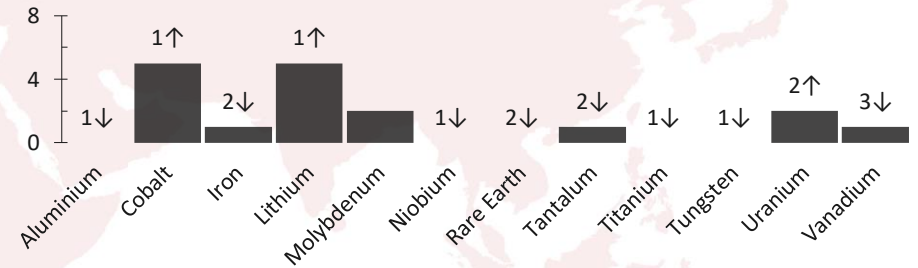
Number of reports by category



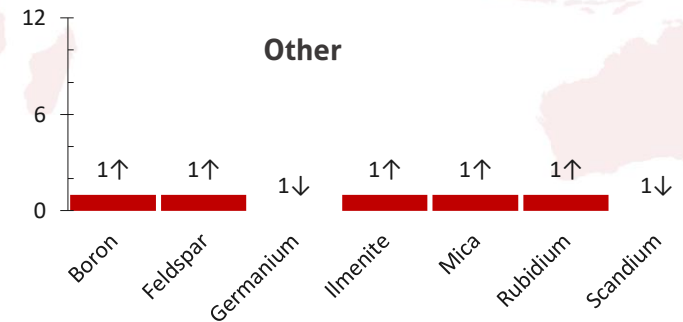
Industrial Minerals



Other Metals



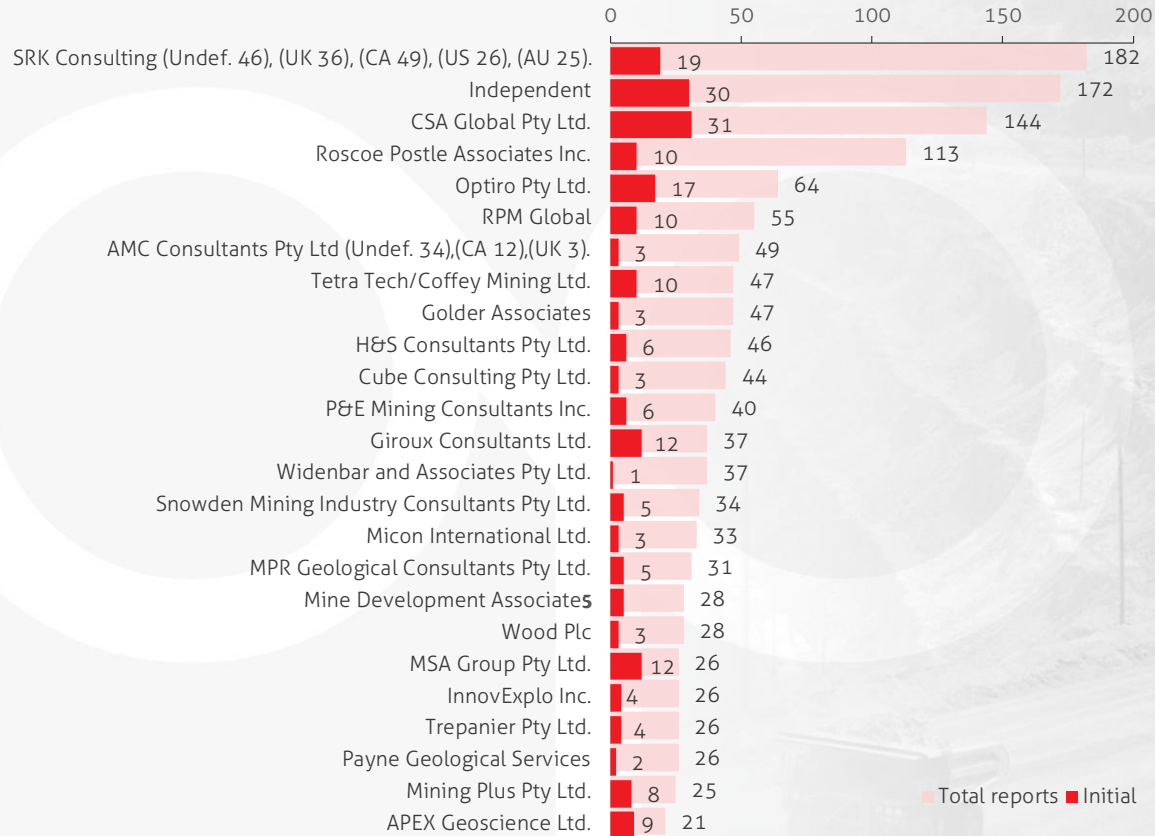
Other



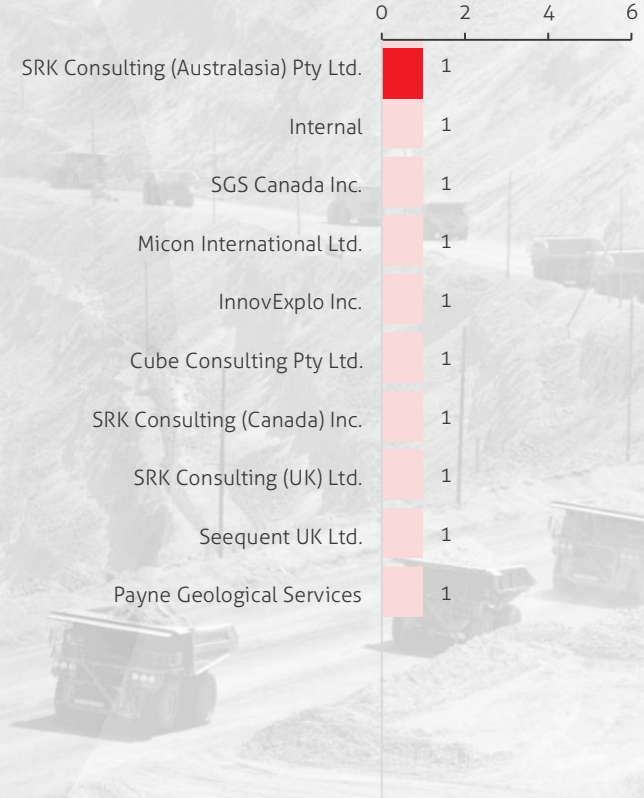
↑↓ Shows increase or decrease compared to last week's reporting

Charts show the current week's reports split by commodity and a comparison with the previous week

## Top 25 since Oct 2014

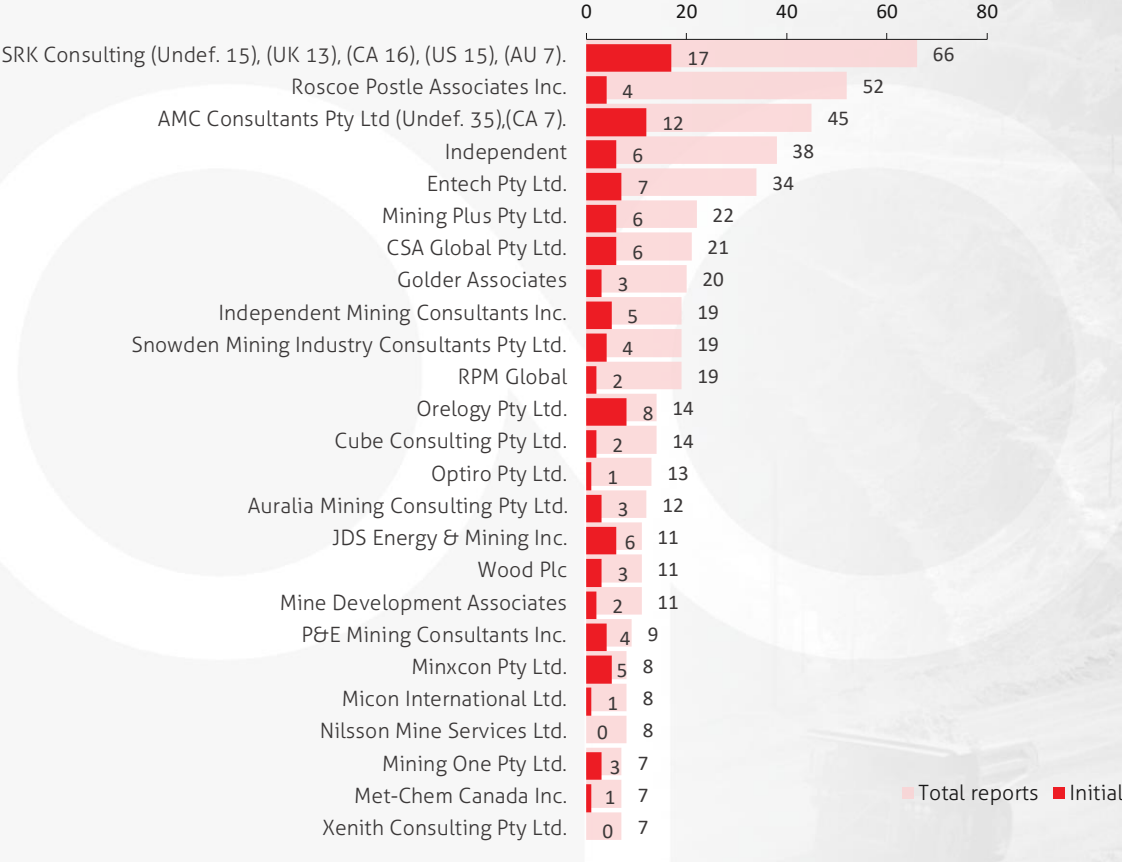


## This Week

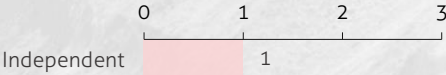


Note: Some reports can contain multiple resource QP's and consulting companies, therefore numbers may not add up to total  
 Reports are only counted where the resource status is initial, updated or upgraded

## 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 initial, updated or upgraded



## ASX Top 3:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section <sup>1</sup>	share price chg <sup>2</sup>	(AuEq.)m <sup>3</sup>
1		<b>AuStar Gold Ltd.</b> (ASX)	<b>Rose of Denmark</b>	Exploration		28-May	ROD055	7.30m @ 153.57g/t Au from 21.0m	"intersection angles as close as possible to true widths"	Y	 33.3%	<b>1121</b>
2		<b>Aurelia Metals Ltd.</b> (ASX)	<b>Peak Gold Mines</b>	Resource development	  	27-May	UD19PV1712	24.0m @ 11.5% Pb, 18.2% Zn, 0.4g/t Au, 44g/t Ag, 0.5% Cu from 139m	estimated true width of 17.9m	U	 9.0%	<b>448</b>
3		<b>Laneway Resources Ltd.</b> (ASX)	<b>Agate Creek</b>	Resource development		27-May	GC219	5.0m @ 54.8g/t Au from 25.0m	"apparent dip of the vein is ≈10 degrees . . . minor variation expected between drill intervals reported and true widths."	U	 37.5%	<b>274</b>

## TSX/TSX-V Top 3:















rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section <sup>1</sup>	share price chg <sup>2</sup>	(AuEq.)m <sup>3</sup>
1		<b>Osisko Mining Inc.</b> (TSX)	<b>Windfall</b>	Resource development		28-May	OSK-W-19-1883	2.2m @ 393g/t Au from 100.2m	"true widths are estimated at 65 – 80% of the reported core length"	N	 7.7%	<b>865</b>
2		<b>Filo Mining Corp.</b> (TSX-V)	<b>Filo del Sol</b>	Resource development	  	30-May	FSDH030	378.0m @ 0.44% Cu, 0.89g/t Au, 42.5g/t Ag from 134.0m	"drilled widths are interpreted to be greater than 90% of true widths"	N	 -1.8%	<b>757</b>
3		<b>Nighthawk Gold Corp.</b> (TSX,OTCQX)	<b>Indin Lake</b>	Resource development		28-May	C19-08	56.00m @ 13.49g/t Au from 238.0m	true width estimated at 35.00m	Y	 11.1%	<b>755</b>

<sup>1</sup> Section column assesses if an appropriate sectional view representing the geological context is provided, where N=no section provided, U =unable to assess, Y=section provided















<sup>2</sup> Between close of trade the day prior to the announcement and open of trade the day after the announcement date

<sup>3</sup> See metal prices and formula relevant to AuEq conversions on page 13

## ASX Top 5:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section <sup>1</sup>	share price chg <sup>2</sup>	(AuEq.)m <sup>3</sup>
1		<b>Kirkland Lake Gold Ltd.</b> (TSX,ASX,NYSE)	<b>Macassa Mine</b>	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1%	9544
2		<b>AuStar Gold Ltd.</b> (ASX)	<b>Rose of Denmark</b>	Exploration		28-May	ROD055	7.30m @ 153.57g/t Au from 21.0m	"intersection angles as close as possible to true widths"	Y	 33.3%	1121
3		<b>Poseidon Nickel Ltd.</b> (ASX)	<b>Black Swan</b>	Resource development		6-May	PBSD001A	223.1m @ 1.02% Ni from 51.75m	estimated true width of 80m	Y	 5.7%	672
4		<b>Peel Mining Ltd.</b> (ASX)	<b>Wagga Tank</b>	Exploration		6-May	WTRCDD199	28m @ 19.03% Zn, 10.77% Pb, 0.24% Cu, 166g/t Ag, 1.21g/t Au from 224m	"estimated at about 70-80% of the downhole widths"	Y	0.0%	542
5		<b>Adriatic Metals Plc</b> (ASX)	<b>Rupice</b>	Exploration		7-May	BR-04-19	30m @ 9.7% Zn, 5.2% Pb, 265g/t Ag, 4.6g/t Au, 0.4% Cu, 43% BaSO <sub>4</sub> from 246m	"the drill holes are considered to be reasonably orthogonal to the interpreted dip of the mineralisation"	Y	 -1.8%	516

## TSX/TSX-V Top 5:































rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section <sup>1</sup>	share price chg <sup>2</sup>	(AuEq.)m <sup>3</sup>
1		<b>Kirkland Lake Gold Ltd.</b> (TSX,ASX,NYSE)	<b>Macassa Mine</b>	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1%	9544
2		<b>Guyana Goldfields Inc.</b> (TSX)	<b>Aurora</b>	Resource development		1-May	MKD187	301.4m @ 6.11g/t Au from 14.1m	not mentioned in this report	N	 10.8%	1842
3		<b>Pan American Silver Corp.</b> (TSX,NASDAQ)	<b>La Colorada</b>	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		<b>Osisko Mining Inc.</b> (TSX)	<b>Windfall</b>	Resource development		28-May	OSK-W-19-1883	2.2m @ 393g/t Au from 100.2m	"true widths are estimated at 65 – 80% of the reported core length"	N	 7.7%	865
5		<b>Filo Mining Corp.</b> (TSX-V)	<b>Filo del Sol</b>	Resource development		21-May	FSDH028	547.5m @ 0.40% Cu, 0.78g/t Au, 8g/t Ag from 16.0m	"drilled widths are interpreted to be greater than 90% of true widths"	N	0.0%	795

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## ASX Top 10:



































rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section <sup>1</sup>	share price chg <sup>2</sup>	(AuEq.)m <sup>3</sup>
1		<b>Kirkland Lake Gold Ltd.</b> (TSX,ASX,NYSE)	<b>Macassa Mine</b>	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1%	<b>9544</b>
2		<b>AVZ Minerals Ltd.</b> (ASX)	<b>Manono</b>	Resource development		15-Feb	MO18DD072	231.83m @ 1.73% Li <sub>2</sub> O, 1089ppm Sn from 0.0m	"drilling intersections do not represent the exact true thickness of the intersected pegmatite, although intersections are	Y	 10.5%	<b>1860</b>
3		<b>Adriatic Metals Plc</b> (ASX)	<b>Rupice</b>	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%	<b>1822</b>
4		<b>Catalyst Metals Ltd.</b> (ASX)	<b>Four Eagles</b>	Exploration		29-Apr	FERC236	8m @ 212.3g/t Au from 84.0m	"true width of mineralisation has not been resolved"	Y	 5.5%	<b>1698</b>
5		<b>Aurelia Metals Ltd.</b> (ASX)	<b>Peak Gold Mines</b>	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	U	 0.6%	<b>1235</b>
6		<b>AuStar Gold Ltd.</b> (ASX)	<b>Rose of Denmark</b>	Exploration		28-May	ROD055	7.30m @ 153.57g/t Au from 21.0m	"intersection angles as close as possible to true widths"	Y	 33.3%	<b>1121</b>
7		<b>Rio Tinto Ltd.</b> (ASX,LSE)	<b>Winu</b>	Exploration		27-Feb	WINU0006	741m @ 0.45% Cu, 0.52g/t Au, 2.94g/t Ag from 68m	"true width is still unknown"	U	 2.3%	<b>921</b>
8		<b>Ramelius Resources Ltd.</b> (ASX)	<b>Mt Magnet</b>	Resource development		21-Jan	GXMM0279 21	34m @ 25.3g/t Au from 8m	"True widths around 20-30% of downhole interval"	U	 4.1%	<b>860</b>
9		<b>Emmerson Resources Ltd.</b> (ASX)	<b>Tennant Creek</b>	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%	<b>807</b>
10		<b>Westgold Resources Ltd.</b> (ASX)	<b>Fortnum</b>	Resource development		23-Jan	WGU0088	85.6m @ 9.40g/t Au from 123m	true width estimated at 59m	0	 1.1%	<b>805</b>

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## TSX Top 10:

rank	country	company	project	status	commodity	date	hole	intersection	intercept details provided in report	section <sup>1</sup>	share price chg <sup>2</sup>	(AuEq.)m <sup>3</sup>
1		<b>Kirkland Lake Gold Ltd.</b> (TSX,ASX,NYSE)	<b>Macassa Mine</b>	Resource development		2-May	53-3698	2.0m @ 4772.2g/t Au from 216.5m	"true width unknown"	Y	 -1.1%	<b>9544</b>
2		<b>Osisko Mining Inc.</b> (TSX)	<b>Windfall</b>	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%	<b>4446</b>
3		<b>NexGen Energy Ltd.</b> (TSX,OTCQX)	<b>Rook 1</b>	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%	<b>3260</b>
4		<b>Global Atomic Corp.</b> (TSX-V)	<b>Dasa</b>	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%	<b>2576</b>
5		<b>Royal Nickel Corp.</b> (TSX)	<b>Beta Hunt Mine</b>	Resource development		22-Jan	WFN-029	2.00m @ 1017.3g/t Au from 44.82m	true width estimated at 2.00m	Y	 -9.0%	<b>2035</b>
6		<b>Guyana Goldfields Inc.</b> (TSX)	<b>Aurora</b>	Resource development		1-May	MKD187	301.4m @ 6.11g/t Au from 14.1m	not mentioned in this report	N	 10.8%	<b>1842</b>
7		<b>Continental Gold Inc.</b> (TSX,OTCQX)	<b>Buritica</b>	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"	U	 5.5%	<b>1772</b>
8		<b>SolGold Plc</b> (LSE,TSX-V)	<b>Cascabel</b>	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%	<b>1578</b>
9		<b>Pan American Silver Corp.</b> (TSX)	<b>La Colorada</b>	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%	<b>1419</b>
10		<b>GT Gold Corp.</b> (TSX-V)	<b>Tatogga</b>	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%	<b>1321</b>

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#### **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. Opaxe 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 opaxe.com. Opaxe 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 opaxe.*

*Drill intercept grades from week 22 have been converted into AuEq using the following metal prices (USD): \$1,283.90/oz Au, \$14.48/oz Ag, \$5,941.00/t Cu, \$1,812/t Pb, \$2,723/t Zn 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, 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 opaxe Resource Report Bulletin from the relevant week.*

*Opaxe 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.*



## GENERAL INQUIRIES

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