

ASX RELEASE 3 April 2017

**ASX: MGV** 

# Strong Gold Results Continue at Break of Day and Lena

- Assays have been received for a further nine drill holes of the current RC drilling campaign at Break of Day and Lena
- Results extend the high grade Break of Day gold system a further 50m south with the mineralisation remaining open to the south and down dip, intersections include:
  - 11m @ 8.8g/t Au from 114m down hole (17MORC044) including;
    - 3m @ 28.6g/t Au from 116m
- Infill drilling at Lena to update the shallow oxide resource has intersected:
  - o 2m @ 6.2g/t Au from 64m down hole (17MORC011)
  - 8m @ 2.3g/t Au from 38m down hole (17MORC012)
  - 2m @ 3.1g/t Au from 20m down hole (17MORC013)
  - o 3m @ 8.9g/t Au from 29m down hole (17MORC014) including;
    - 1m @ 21.2g/t Au from 30m
- Assay results are pending for a further 29 drill holes in the current program

Musgrave Minerals Ltd ("Musgrave" or "the Company") (ASX: **MGV**) is pleased to announce the receipt of assay results for a further nine drill holes from the current 4,000m reverse circulation ("RC") drilling program at the Break of Day and Lena gold prospects on the Cue Project in the Murchison region of Western Australia (*Figure 1*). The Cue Project is a joint venture with Silver Lake Resources (ASX: SLR) where Musgrave holds a 60% interest and has elected to increase its interest to 80%.

Musgrave Managing Director Rob Waugh said, "The gold results at Break of Day continues to impress with a further extension to the south. The mineralisation is still open and we hope to continue to grow the resource with further drilling."

"The positive shallow gold results at Lena will enhance the oxide component of the resource. We continue to be encouraged by the gold results and together with the recently released metallurgical test work we are confident the project has a successful future."

The first stage of the current RC drilling program has now been completed with 44 holes drilled for 4,006m.

Stage 2 of the drill program includes an additional 6,000m and will commence in early April.

The objective of the drilling is to extend and infill the high grade gold mineralisation at both the Break of Day and Lena prospects to complete a new resource estimate by June 2017 that will underpin studies to demonstrate a viable near term path to development.

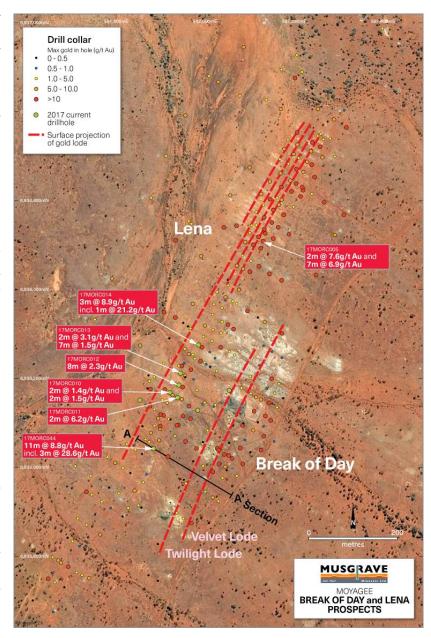


Figure 1: Location plan showing maximum gold in hole plotted at the drill hole collar for Break of Day and Lena gold prospects

#### **BREAK OF DAY**

Assay results for a further two drill holes from the recent drill program at Break of Day have been received.

Drill hole 17MORC044 intersected **11m** @ **8.8g/t Au** from 114m down hole in fresh rock including **3m** @ **28.6g/t Au** from 116m and extends the high grade mineralisation 50m down dip of 16MORC056 (1m @ 15.2g/t Au) on section 13225mN (*Figure 2*) and also extends the high grade Twilight gold lode a further 50m south from the recent intersection in drill hole 17MORC003 of 1m @ 117.4g/t Au (*Figure 3*).

An additional high grade gold assay was received from a six metre composite assay in 17MORC044 from the interval 108-114m down hole immediately above intersection of 11m @ 8.8g/t Au. Confirmation of this result over the interval (6m @ 8.5g/t Au) from one metre individual sample assays are awaited. Drill hole 17MORC007 did intersect significant not anv mineralisation (Figure 3).

The results to date continue to highlight Musgrave's ability to expand the high grade gold lodes at Break of Day. Further drilling is being planned to continue to extend the limits of the known mineralisation and grow the resource.

The high grade gold mineralisation at Break of Day occurs in vertical to steep westerly dipping, semi-parallel quartz lodes hosting gold with minor (1-2%) pyrite, within a dolerite-

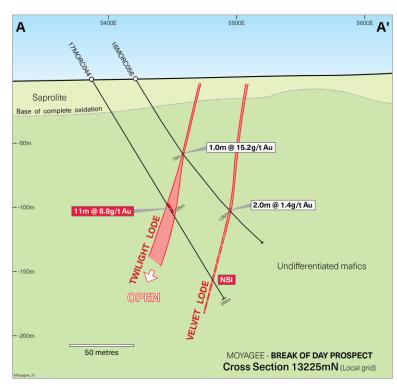


Figure 2: Break of Day cross section 13275mN – local grid (vertical section through mineralisation)

basaltic stratigraphic sequence. The separation of the Twilight and Velvet gold lodes varies along strike from 15 to 60 metres. The gold mineralisation is currently open along strike and down plunge.



Figure 3: Break of Day long section of Twilight gold lode (a long section or longitudinal section is a section along the plane of the lode and in this instance shows gold grade x thickness variability with depth of the Twilight Lode)

#### **LENA**

Assay results for a further seven drill holes from the recent infill drill program at Lena have been received. The aim of the drilling is to extend and infill the existing mineralisation to improve the shallow resource to enhance the open cut mining potential at Lena.

Drill hole 17MORC011 intersected **2m** @ **6.2g/t Au** from 64m down hole, 17MORC012 intersected **8m** @ **2.3g/t Au** from 38m down hole, 17MORC013 intersected **2m** @ **3.1g/t Au** from 20m and **7m** @ **1.5g/t Au** from 26m down hole, drill hole 17MORC014 intersected **3m** @ **8.9g/t Au** from 29m down hole including **1m** @ **21.2g/t Au** from 30m (*Figure 1*). The mineralisation at Lena is open down dip. Drill holes 17MORC008 and 17MORC009 did not intersect any significant mineralisation. See Table 1(a) for a full list of drill holes and assay results.

The mineralisation at Lena is confirmed to occur in vertical to steeply dipping, semi-parallel quartz lodes hosting high grade gold within an ultramafic-doleritic stratigraphic sequence. The gold mineralisation is currently open along strike and down plunge.

The Lena deposit is currently defined along a 1.6km strike length and hosts a total combined Mineral Resource of 1.273Mt @ 1.86g/t Au for 76,000oz Au (see ASX announcement 26 October 2016, "2016 Annual Report – Replacement Report").

The near surface high grade gold at Lena has the potential to be mined through open cut methods and due to its close proximity (*Figure 1*), may enhance the economics of any potential future development at Break of Day.

There is significant potential to continue to improve the grade and increase the gold resources at Lena and Break of Day with further drilling.

Assays are awaited from additional drill holes at Lena.

#### THE CUE PROJECT

The Cue Project ("the Project") is a Farm-In and Joint Venture Agreement with Silver Lake Resources Limited ("Silver Lake") (ASX: SLR). Musgrave has met the Stage 1 Earn-In holding a 60% Joint Venture interest in the Project and has elected to progress to Stage 2 and increase its equity to 80%. The Project consists of the Moyagee Gold and Hollandaire Copper Resources (see ASX announcement 25 November 2015, "Musgrave Secures Advanced Gold and Copper Project") and surrounding tenure in the highly prospective Murchison province of Western Australia (Figure 4).

The Company believes there is significant potential to extend existing mineralisation and also discover new high grade mineralisation within the Project area, shown by the recent drilling success at Break of Day and Lena.

#### **Enquiries:**

Rob Waugh Managing Director Musgrave Minerals Limited +61 8 9324 1061

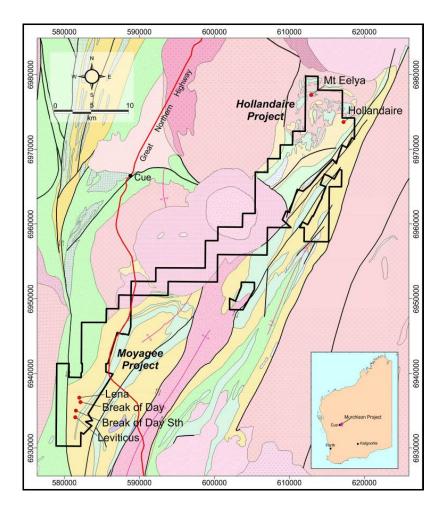


Figure 4: Cue Project location plan

#### **About Musgrave Minerals**

Musgrave Minerals Limited is an active Australian gold and base metals explorer. The Cue Project in the Murchison region of Western Australia is an advanced gold and copper project. Musgrave's focus is to increase gold and copper resources through discovery and extensional drilling to underpin studies that will demonstrate a viable path to development in the near term. Musgrave also holds the highly prospective Mamba Ni-Cu sulphide project in the Fraser Range of Western Australia and an active epithermal Ag-Pb-Zn-Cu project in the prospective silver and base metals province of the southern Gawler Craton of South Australia and a large exploration footprint in the Musgrave Province in South Australia. Musgrave has a powerful shareholder base with four mining and exploration companies currently participating as cornerstone investors.

#### Competent Person's Statement Exploration Results

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled and/or thoroughly reviewed by Mr Robert Waugh, a Competent Person who is a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Member of the Australian Institute of Geoscientists (AIG). Mr Waugh is Managing Director and a full-time employee of Musgrave Minerals Ltd. Mr Waugh has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Waugh consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

#### Forward Looking Statements

This document may contain certain forward-looking statements. Forward-looking statements include, but are not limited to statements concerning Musgrave Minerals Limited's (Musgrave's) current expectations, estimates and projections about the industry in which Musgrave operates, and beliefs and assumptions regarding Musgrave's future performance. When used in this document, words such as "anticipate", "could", "plan", "estimate", "expects", "seeks", "intends", "may", "potential", "should", and similar expressions are forward-looking statements. Although Musgrave believes that its expectations reflected in these forward-looking statements are reasonable, such statements are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Musgrave and no assurance can be given that actual results will be consistent with these forward-looking statements.

Table 1(a): Summary of Drill Hole Locations and Significant Assay Intervals

Drill Hole ID	Drill Type	Prospect	Easting (m)	Northing (m)	Azimuth (deg)	Dip (deg)	RL (m)	Total Depth (m)	Sample Type	From (m)	Interval (m)	Au (g/t)	Lode
17MORC007	RC	Break of Day	581983	6936130	120	-60	415.0	153	NSI			Twilight & Velvet	
17MORC008	RC	Lena	581853	6936152	120	-60	413.9	93	NSI			Lena	
17MORC009	RC	Lena	582053	6936174	120	-60	414.8	75		NSI			Lena
									Individual 1m	9	2	1.4	Lena
									Individual 1m	13	2	1.5	Lena
17MORC010	RC	Lena	581920	6936169	300	-60	411.5	45	Individual 1m	21	1	1.5	Lena
									Individual 1m	31	1	1.9	Lena
									Individual 1m	36	1	1.5	Lena
47MODC044	DC.		58193	6936158	300	-60	60 412.4	81	Individual 1m	64	2	6.2	Lena
17MORC011	RC	Lena							includes	65	1	11.1	Lena
17MORC012	RC	Lena	581941	6936186	300	-60	413.9	63	Individual 1m	38	8	2.3	Lena
17MORC013	RC	Lena	581944	6936213	300	-60	413.6	45	Individual 1m	20	2	3.1	Lena
17MORC013	KC	Lena	301344	0930213	300	-60	413.0	43	Individual 1m	26	7	1.5	Lena
									Individual 1m	29	3	8.9	Lena
17MORC014	RC	Lena	581985	6936276	300	-60	413.6	60	includes	30	1	21.2	Lena
									Individual 1m	37	2	1.6	Lena
									Composite 6m	108	6	8.5	Twilight
17MORC044	RC	Break of Day	581885	6936043	120	-60	415.0	195	Individual 1m	114	11	8.8	Twilight
									including	116	3	28.6	Twilight

#### Notes to Table 1(a)

- 1. An accurate dip and strike and the controls on mineralisation are only interpreted and the true width of mineralisation is not
- yet confirmed although it is likely be 50-80% of the intersection width.

  2. At Break of Day and Lena composite 6 metre samples outside the gold lode systems were collected. One metre individual samples within the vein lodes were submitted for priority analysis. All samples are analysed using a 50g fire assay with ICP-MS (inductively coupled plasma mass spectrometry) finish gold analysis (0.005ppm detection limit) by Genalysis-Intertek in Maddington, Western Australia.
- g/t (grams per tonne), ppm (parts per million), ppb (parts per billion), X = below detection limit
   NSI (No Significant intersection) No gold assay above 1g/t.
   Velvet = Interpreted Velvet Gold Lode; Twilight = Interpreted Twilight Gold Lode

## JORC TABLE 1 Section 1 Sampling Techniques and Data

Criteria	Explanation	Commentary			
Sampling	Nature and quality of sampling (e.g. cut	Sampling is undertaken using standard industry practices including the use			
techniques	channels, random chips, or specific specialised	of duplicates and standards at regular intervals.			
	industry standard measurement tools	All Reverse circulation (RC) samples are split to 1-3kg in weight through			
	appropriate to the minerals under investigation,	cyclone splitter on the drill rig.			
	such as down hole gamma sondes, or handheld	A Thermo Scientific Niton GoldD XL3+ 950 Analyser is available on site t			
	XRF instruments, etc). These examples should	aid geological interpretation. No XRF results are reported.			
	not be taken as limiting the broad meaning of				
	sampling.				
	Include reference to measures taken to ensure	All co-ordinates are in UTM grid (GDA94 Z50) and drill hole collars hav			
	sample representivity and the appropriate	been surveyed by differential GPS to an accuracy of 0.01m.			
	calibration of any measurement tools or				
	systems used.	DC agreedes ware collected as the consequents for all drill balancies the			
	Aspects of the determination of mineralisation that are Material to the Public Report. In cases	RC samples were collected as 6m composites for all drill holes in th current program. One metre individual samples are immediately submitte			
	where 'industry standard' work has been done	for analysis where a high probability of mineralisation occurs (e.g. quart			
	this would be relatively simple (eg 'reverse	vein lode or massive sulphide). All one metre samples are split to 1-3kg i			
	circulation drilling was used to obtain 1m	weight through a cyclone splitter which is air blasted clean at the end c			
	samples from which 3kg was pulverised to	each 6m rod.			
	produce a 30g charge for fire assay'). In other	Individual samples weigh less than 3kg to ensure total preparation at th			
	cases more explanation may be required, such	laboratory pulverization stage.			
	as where there is coarse gold that has inherent	The sample size is deemed appropriate for the grain size of the material			
	sampling problems. Unusual commodities or	being sampled.			
	mineralisation types (eg submarine nodules)	Samples are sent to the Genalysis – Intertek laboratory in Maddington.			
	may warrant disclosure of detailed information.	Samples are pulverized to 85% passing -75um and four metre composite			
		samples are analysed using a 50g fire assay with ICP-MS (inductively			
		coupled plasma - mass spectrometry) finish gold analysis (0.005ppm			
		detection limit).			
		Individual one metre gold samples are analysed using a 50g fire assay with			
		ICP-MS finish for gold.			
Drilling techniques	Drill type (e.g. core, reverse circulation, open-	An RC drilling program was undertaken by Ausdrill with a 5 5/8 inc			
	hole hammer, rotary air blast, auger, Bangka,	hammer. A total of 32 RC holes have to date been drilled in this program a			
	sonic, etc) and details (e.g. core diameter, triple	Break of Day and Lena. Prior to this program a total of more than 40 R			
	or standard tube, depth of diamond tails, face-	holes and 7 diamond drill holes have been drilled by MGV at Break of Da			
	sampling bit or other type, whether core is	to date.			
	oriented and if so, by what method, etc).	This is MGV's first drilling campaign specifically targeting the Lena deposit.			
		Historically Silver Lake Resources Ltd (SLR) undertook RC drilling at Break o			
		Day and Lena between 2010 and 2013 with a number of companie			
		intermittently drilling prior to 2009.			
		A combination of historical RAB, aircore, RC and diamond drilling has bee			
		utilised by multiple companies over a thirty year period across the broade			
		project area.			
Drill sample	Method of recording and assessing core and	RC bulk sample weights are observed and noted in a field Toughbool			
recovery	chip sample recoveries and results assessed.	computer by MGV field staff.			
	Measures taken to maximise sample recovery	Drillers use industry appropriate methods to maximise sample recovery			
	and ensure representative nature of the samples.	and minimise downhole contamination. A cyclone splitter was utilised to split 1-3kg of sample by weight. The splitter is air blasted clean at the en-			
	sumples.	of each 6m rod.			
	Whether a relationship exists between sample	No significant sample loss or bias has been noted.			
	recovery and grade and whether sample bias	The Significant sample 1033 of bias has been floted.			
	may have occurred due to preferential loss/gain				
	of fine/coarse material.				
Logging	Whether core and chip samples have been	All geological, structural and alteration related observations are stored i			
20999	geologically and geotechnically logged to a level	the database.			
	of detail to support appropriate Mineral				
	Resource estimation, mining studies and				
	metallurgical studies.				
	Whether logging is qualitative or quantitative in	Logging of lithology, structure, alteration, mineralisation, colour and othe			
	nature. Core (or costean, channel, etc)	features of core or RC chips is undertaken on a routine 1m basis.			
	photography.				
	The total length and percentage of the relevant	All drill holes are logged in full on completion.			
	intersections logged.				
Sub-sampling	If core, whether cut or sawn and whether	No diamond drilling was undertaken during this program.			
techniques and	quarter, half or all core taken.				
sample	If non-core, whether riffled, tube sampled,	RC samples are routinely cyclone split and kept dry by the use of			
•	rotary split, etc and whether sampled wet or				
preparation	Totary split, etc and whether sumpled wet or	pressurised air. No wet sampling occurred.			

For all sample types, the nature, quality and appropriateness of the sample preparation technique.  Quality control procedures adopted for all subsampling stages to maximise representivity of samples.  Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.  Whether sample sizes are appropriate to the grain size of the material being sampled.	Drill sample preparation and base metal and precious metal analysis is undertaken by a registered laboratory (Genalysis – Intertek). Sample preparation by dry pulverisation to 85% passing 75 micron.  Field QC procedures involve the use of certified reference standards (1:50), duplicates (~1:30) and blanks (1:50) at appropriate intervals for early stage exploration programs. High, medium and low gold standards are used.  Sampling is carried out using standard protocols and QAQC procedures as per industry practice.  Duplicate samples are inserted (~1:30) and more frequently when in high grade gold veins, and routinely checked against originals.  Sample sizes are considered appropriate for grain size of sample material to give an accurate indication of gold mineralisation at Break of Day. Sample is collected from full width of sample interval to ensure it is representative of				
The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	samples lithology.  One metre individual samples are analysed through potential gold mineralised zones. Analysis is by 50g fire assay with ICP-MS finish for gold.  On six metre composite samples, analysis is undertaken by Intertek-Genalysis (a registered laboratory), with 50g fire assay with ICP-MS finish undertaken for gold.  Internal certified laboratory QAQC is undertaken including check samples, blanks and internal standards.  This methodology is considered appropriate for base metal mineralisation and gold at the exploration phase.				
XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	No geophysical tools were used to estimate mineral or element percentages. Musgrave utilise a Thermo Scientific Niton GoldD XL3+ 950 Analyser to aid geological interpretation.  Standards, duplicates, blanks, and repeats are utilised as standard				
(e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	procedure. Certified reference materials that are relevant to the type and style of mineralisation targeted are inserted at regular intervals.				
The verification of significant intersections by either independent or alternative company personnel.	Samples are verified by the geologist before importing into the main database (Datashed).				
The use of twinned holes.	No twin holes have been drilled by Musgrave Minerals Ltd during this program.				
Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary data is collected using a standard set of templates. Geological sample logging is undertaken on one metre intervals for all RC drilling with colour, structure, alteration and lithology recorded for each interval. Data is verified before loading to the database. Geological logging of all samples is undertaken.				
Discuss any adjustment to assay data.	No adjustments or calibrations are made to any assay data reported.				
drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	All maps and locations are in UTM grid (GDA94 Z50) and have been surveyed or measured by hand-held GPS with an accuracy of >±5 metres.  Down hole surveys are undertaken using the axis digital clinometer down hole tool in either continuous reading mode or at regular 20m intervals.  Drill hole and sample site co-ordinates are in UTM grid (GDA94 Z50) and				
Specification of the grid system used.	converted from local grid references.				
Quality and adequacy of topographic control.	Historical drill hole collars and RL's are surveyed by qualified surveyors in most instances in the resource areas. Differential GPS is used to survey drill hole collars with an accuracy of +-0.01 metre including RL's.				
Data spacing for reporting of Exploration Results.	Variable drill hole spacings are used to adequately test targets and are determined from geochemical, geophysical and geological data together with historical drilling information. At present at Break of Day a general pattern of 20-40m drill spacings on 25m spaced sections is underway.				
	Historical drill hole spacings at Break of Day are variable although SLR drilled a number of holes at approximately 20m on 50m sections in 2011-12.				
Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	There is a current JORC 2004 mineral resource at Break of Day defined by Silver Lake Resources.  The Mineral Resources and Ore Reserve estimate at Break of Day was first prepared and disclosed in accordance with the 2004 Edition of the Australian Code of Reporting of Mineral Resources and Ore Reserves (JORC 2004) and have not have not been updated since to comply with JORC 2012				
	appropriateness of the sample preparation technique.  Quality control procedures adopted for all subsampling stages to maximise representivity of samples.  Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.  Whether sample sizes are appropriate to the grain size of the material being sampled.  The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.  For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.  Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.  The verification of significant intersections by either independent or alternative company personnel.  The use of twinned holes.  Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.  Discuss any adjustment to assay data.  Accuracy and quality of surveys used to located drill holes (callar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.  Specification of the grid system used.  Quality and adequacy of topographic control.  Data spacing for reporting of Exploration Results.				

Orientation of data in relation to geological	Whether sample compositing has been applied.  Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering	One metre individual samples routinely split by the drill rig cyclone are undertaken for all RC drill holes but only submitted for analysis where there is a high probability of mineralisation from geological interpretation of the drill samples.  Six metre sample compositing has also been undertaken for all drill holes in the current program. Composite sampling is undertaken using a stainless steel spear (trowel) at one metre samples and combined in a calico bag.  Drilling is designed to cross the mineralisation as close to perpendicular as possible.  Most drill holes are designed at a dip of approximately -60 degrees. The
structure	the deposit type.	mineralisation at Break of Day and Lena is interpreted to dip between 70-90 degrees to the west.  Drill intersections at Break of Day are interpreted to be between 50-80% of the drill intersection width.
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	No orientation based sampling bias is known at this time.
Sample security	The measures taken to ensure sample security.	Chain of custody is managed by internal staff. Drill samples are stored on site and transported by a licenced reputable transport company to a registered laboratory in Perth (Genalysis-Intertek at Maddington). When at the laboratory samples are stored in a locked yard before being processed and tracked through preparation and analysis (Lab-Trak system).
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No external audits or reviews of modelling techniques and data have been undertaken.

### **Section 2 Reporting of Exploration Results**

Criteria	Explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	The Break of Day prospect is located on granted mining lease M21/106 and the primary tenement holder is Silver Lake Resources Ltd. Musgrave minerals commenced a Farm-In and Joint Venture on the project on 24 November 2015 (see MGV ASX announcement 25 November 2015: "Musgrave Secures Advanced Gold and Copper Project". Musgrave has secured a 60% equity interest in the joint venture (see MGV ASX announcement 8 February 2017: "Musgrave Completes Stage 1 Earn-In on Cue Project".  The Mt Eelya prospect is located on granted exploration licence E20/608 and the primary tenement holder is Silver Lake Resources Ltd. The Hollandaire and Hollandaire West deposits are located on E20/699 and the primary tenement holder is Cue Minerals Pty Ltd a 100% subsidiary of Silver Lake Resources Ltd. The Hunky Dory prospect is located on granted mining leases M20/225, M20,245, M20/277 and the primary tenement holder is Silver Lake Resources Ltd.  Purple Rain is located on M58/224 and the primary tenement holder is Silver Lake Resources Ltd.  The Cue project tenements consist of 32 licences (Lena and Break of Day is on M21/106 and Hollandaire E20/699) as outlined in the Farm-In and Joint Venture Agreement.  The tenements are subject to standard Native Title heritage agreements and state royalties. Third party royalties are present on some individual tenements.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The tenements are in good standing and no known impediments exist.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Historical drilling, soil sampling and geophysical surveys have been undertaken in different areas on the tenements intermittently by multiple third parties over a period of more than 30 years.  At Break of Day and Lena historical exploration and drilling has been undertaken by a number of companies and most recently by Silver Lake Resources Ltd in 2010-11.
Geology	Deposit type, geological setting and style of mineralisation.	Geology comprises typical Archaean Yilgarn greenstone belt lithologies and granitic intrusives.  Two main styles of mineralisation are present, typical Yilgarn Archaean lode gold and volcanic massive sulphide (VMS) base metal and gold mineralisation within the Eelya Felsic Complex.

Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length.	All relevant historical drill hole information has previously been reported by SLR and MGV. All new drill holes completed and assayed by MGV are referenced in this release.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	All significant new drill hole assay data are reported in this release. No cut-off has been applied to any sampling.
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	All significant new drill hole assay data are reported in this release. No cut-off has been applied to any sampling.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalent values have been reported.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results.  If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.  If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	All significant new drill hole assay data are reported in this release. True widths are not confirmed but all drilling is planned close to perpendicular to interpreted targets.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Diagrams referencing new data can be found in the body of this release.  Some diagrams referencing historical data can also be found in the body of this report.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All assays received from Musgrave's drilling are reported in this release.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples — size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	All new meaningful data is reported in this release. All material results from geochemical and geophysical surveys and drilling related to these prospects has been reported or disclosed previously.
Further work	The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	A range of exploration techniques will be considered to progress exploration including additional surface sampling and drilling.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Refer to figures in the body of this announcement.