

# Quarterly Activities Report: June 2016

**KalNorth Gold Mines Limited** 

Date: 27 July 2016

**ASX Code: KGM** 

**Issued Capital** 

894.24 million Ordinary shares

**Current Share Price** 

\$0.023

**Market Capitalisation** 

\$20.57million

**Board Members** 

Jiajun Hu Non-executive Chairman

Lijun Yang
Executive Director & Company Secretary

Yuanguang Yang
Non-executive Director

**Contact Details** 

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Projects located at Eastern Goldfields, Western Australia

- Kurnalpi (100%)
- Lindsays (100%)
- Kalpini (100%)

The Board of KalNorth Gold Mines Limited ("KalNorth or the "Company", ASX: KGM) is pleased to provide the report on activities and progress made during the June 2016 Quarter. The second pass drilling program at Schiedam prospect in the Kurnalpi project well defined the gold target in NNW and further drilling has been planned for the current quarter. The mineral resource at the Brilliant deposit has been updated and is now reported under JORC 2012. The development of Lindsay's project open pit operation now awaits formal approval from the DMP.

#### Quarterly Highlights:

- A 29 holes drill program in Schiedam prospect of Kurnalpi project indicated the NNW trend gold mineralisation and defined the target well for further drilling.
- Gold mineralisation at Schiedam appears related to demagnetization and low gravity zone within altered ultramafic rock.
- An updated gold resource of 3.53M tonnes at 1.2 g/t for 137,600 ounces has been estimated by an independent consultant for the Brilliant deposit in Kurnalpi project.
- The new resource had been updated by adding new identified gold mineralisation but reducing the depth cut-off for mineralisation from previous drilling.
- Documentation for recommencement of mining activity at Lindsays Project under the agreement with Keras has been lodged with DMP for approval and mining anticipated to commence in August.

### **EXPLORATION REPORT**

### Kurnalpi Project (100% KGM)

### **Schiedam Second Pass Drill Program**

The Schiedam Prospect was recognized as a top priority target subsequent to a geophysical interpretation of the Kurnalpi Project undertaken in early 2015. The target was based primarily on proximity to the Avoca Fault, the complex structural framework and zone of magnetic destruction-coincident gravity low with the latter two features suggesting a zone of significant alteration of the basement lithologies.

In the June quarter, the Company completed a small phase (29 holes, 2,039m) of angled air core drilling at the Schiedam Prospect (refer ASX announcement on 10 June 2016) to follow up the positive gold results returned from an initial drill test in December 2015 (refer December 2015 Quarterly report).

The aim of this program was to confirm and increase the drill density over the core gold anomaly recognized from the 2015 drill program. The drill spacing is down to 160m between drill lines and either 40-80m between drill holes over a strike length of approximately 750m. The drilling intersected a sequence of predominantly variably altered and weakly deformed ultramafic rocks (komatiite). The most intensely altered zones are now manifested as a quartz carbonate fuchsite rock.

The gold results were very encouraging (refer ASX announcement on 10 June 2016) which are considered anomalous given the wide spaced pattern of the drilling to scope out the geochemical footprint of the system. This and the results of the 2015 drill program have defined a northerly trending basement gold system over a 500m strike length and with a width of 50-100m wide based on interpretation of the maximum gold value in the drill holes.

The Company is very encouraged by these results that have confirmed and extended an emerging gold discovery in the Kurnalpi Project. Additional infill air core drilling of the main Schiedam anomaly and additional gold anomalies along the 1,500m strike as well as early stage diamond drilling to gain a better appreciation of the geology and structural attributes of the basement rocks has been planned.

### **Brilliant Resources Update**

The Brilliant deposit is part of KalNorth's Kurnalpi project, located 90 km east-northeast of Kalgoorlie in Western Australia.

The Brilliant Deposit is concentrated in two mineralised corridors: the east and the west mineralised structures. The east mineralised structure is more consistent with a strike length of approximately 800 meters, the west mineralised structure has a strike length of approximately 200 meters as previously defined (refer KGM ASX annual report 2012).

Gold mineralisation at Brilliant exists within a brittle dolerite host rock which has intruded upward into a sequence of Komatiite ultramafic rock units. The gold mineralisation is predominantly associated with quartz sulphide alteration in the host rock.

The Brilliant deposit Mineral Resource was previously reported at the Kurnalpi project (refer KGM ASX annual report 2012) under JORC 2004. In late 2012, a further round of RC drilling was completed at the Brilliant North prospect (refer KGM ASX annual report 2013). In December 2015, a

small targeted program of diamond and Reverse Circulating (RC) drilling was completed to test extensions at the Brilliant North prospect, which extended the western structures a further 120 meters to the north (Refer KGM ASX announcement on 15 February 2016).

In the June quarter, KalNorth engaged David Reid, Principal Geologist of Ravensgate International Pty Ltd (Ravensgate) to undertake the mineral resource estimation of the Brilliant deposit in accordance with JORC 2012.

#### **New lode interpretation**

Mineralisation at the Brilliant deposit is based on a north-northwest vertical shear zone (Brilliant Shear zone) with flat lying supergene enrichment in the oxide zone and laterite at the surface (refer to Fig. 1).

The majority of the sub vertical lodes and the flat supergene lodes remained unchanged from the 2012 Mineral Resource estimate, due to no new drilling information.

Three of new northwestern gold mineralised lodes identified at Brilliant North have been estimated (refer to Fig. 1 and Fig. 2) based on 0.3g/t Au mineralised envelopes. A minimum downhole width of 2m and a maximum internal dilution of 2m were used to define the individual lodes.

The same modelling and estimating process was used for the JORC 2012 update to maintain consistency with the 2012 model (JORC 2004), which are detailed in the attached JORC Tables and summarised as below. David Reid conducted a site visit and inspection of drill core inspection as part of the new Mineral Resource estimate.

#### **Resource Estimation Summary**

The existing 2012 resource model was updated by adding the new estimated lodes; all drilling data used in the estimate was either RC, or diamond drilling. The drill spacing is a nominal 20m by 20m, with diamond drilling conducted at select locations (Figure 1). The resource estimate incorporates a total of 511 RC (56,044m), and 27 diamond (6,463m) holes (Appendix A), with the majority (80%) completed by KalNorth (former name Carrick).

Ravensgate evaluated the local deposit statistics of the Brilliant deposit and decided that Ordinary Kriging would be best used for model interpolation, the block size used was 10m north by 10m east by 10m elevation, with sub- blocks of 1.25m by 1.25m by 1.25m.

A cut-off grade of 0.5g/t Au, consistent with the 2012 Mineral Resource was used to select blocks for the estimate and block model bulk density values were assigned based on the weathering codes for each block.

The end of the lode was extrapolated half the section width, if the adjacent section was not mineralised. The envelopes were tapered using the dip/plunge of the envelope and extrapolated no more than 20m past the last drill hole intersection, unless indicated by other sections.

#### Resource classification and comparing

The Mineral Resource estimate has been classified as Indicated and Inferred and reported in accordance with JORC 2012. The comparisons to the previous estimate have been detailed in Table 1 below. The deeper mineralisation was not included in JORC 2012 reported resource due to insufficient grade to support underground mine development and it was also unlikely to support a high stripping ratio for extraction via open pit mining.

### **Project Review and Targeting Exercise**

The Company engaged CSA Global Pty Ltd (CSA) to commence a staged project review with the

intention to physically assess the project area in respect to geology, structure, alteration and mineralisation in order to deliver an integrated interpretation that will allow the delivery of constrained targets. It will allow the Company to prioritize targets and progress exploration.

The 1<sup>st</sup> stage scope includes review of the existing data including surface geochemistry, drilling data, geophysical data, satellite imagery as well as other data that may be available, the 2<sup>nd</sup> stage as field reconnaissance, mapping and sample collection for lithogeochemical analysis and 3<sup>rd</sup> stage as regional interpretation and target analysis and exploration model development.

The work program has progressed very well with stage 1 and 2 being completed, with stage 3 analysis pending assays returned after the end of the June Quarter. The final result is expected to be available in the September quarter.

### **Lindsays Project (100% KGM)**

Lindsays is one of three projects which held JORC compliance mineral resources, 100% owned by KalNorth and located 70 kilometres northeast of Kalgoorlie. The Company developed this project, mainly the Parrot Feathers deposit, in early 2013 but suspended mining after 6 months as a result of the falling gold price. In the March 2016 quarter, the Company executed a Heads of Agreement ("HOA") to recommence the development of Lindsays Mine with Keras Resources plc ("Keras") (refer to ASX announcement on 14 March 2016). KalNorth has granted Keras an exclusive and irrevocable option to mine presently published JORC compliant resources at Lindsays project. Mining at the Lindsays project may comprise an open pit mining prospect (Open Pit Mining Proposal) and an underground deposit known as the Parrot Feathers Deposit (Parrot Feathers Proposal).

On 10 May 2016, the Company announced that Keras had exercised the option and both parties will seek regulatory mining approvals and finalise the formal agreement prior the commencement of mining operation. Keras has lodged the requested documents for open pit mining to Department of Mines and Petroleum ("DMP") in Western Australia within the timeline of HOA.. Both parties are finalising the formal agreement to make sure mining activities can be carried out immediately after DMP approval is received. Approval and commencement of mining activity is anticipated in August 2016.

### **Tenement Divestment**

In June quarter, the Company continued rationalising its tenement portfolio by divestment Spargoville and Roe project tenements to third parties to enable the Company focus on its three key projects.

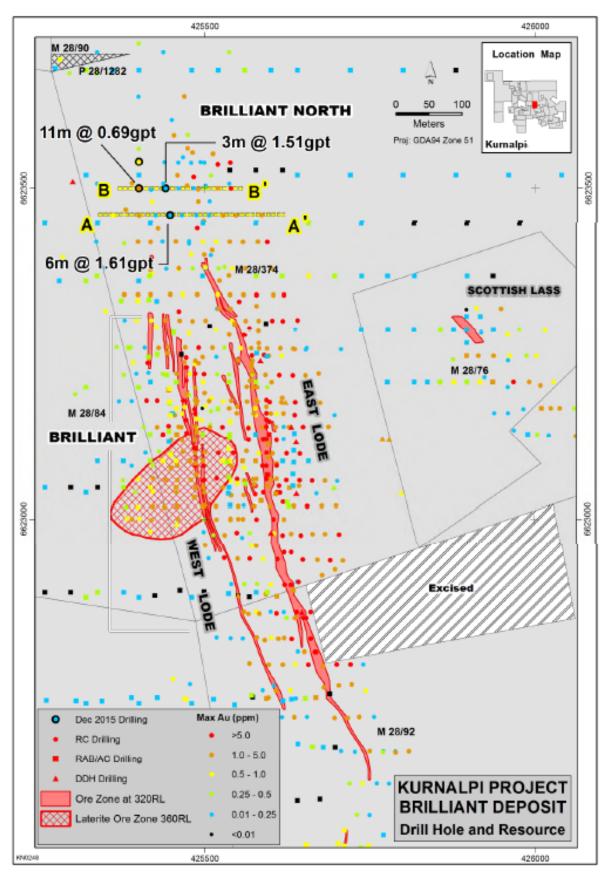
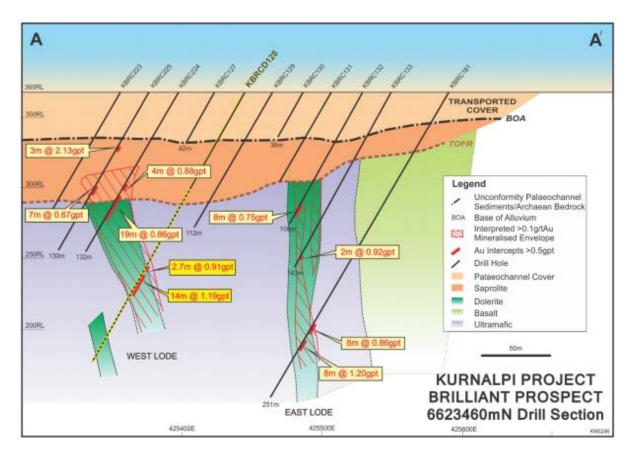


Figure 1 Flat map of Brilliant deposit.



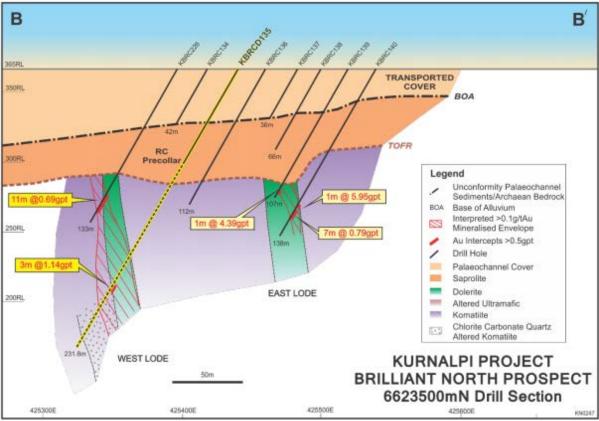


Figure 2 Section maps of new estimate gold lodes.

Table 1 Comparison of Brilliant Deposit Current 2016 Resource Model to 2012 Resource Model.

Model	Indicated			Inferred			Total		
	Tonnage	Grade	Metal	Tonnage	Grade	Metal	Tonnage	Grade	Metal
	(Mt)	Au(g/t)	(Koz)	(Mt)	Au(g/t)	(Koz)	(Mt)	Au(g/t)	(Koz)
2012	2.82	1.3	115.2	1.12	1.1	38.0	3.94	1.2	153.2
2016	2.62	1.3	109.3	0.92	1.0	28.3	3.53	1.2	137.6
Change total	-0.20	0.00	-5.9	-0.20	-0.1	-9.7	-0.41	0.0	-15.6

Notes: the 2012 resource model of Brilliant was reported in the Company's 2013, 2014 and 2015 Annual Reports under JORC 2004 compliance. The 2016 model applied a 0.5g/t Au cut off to estimate the resource.

# **CORPORATE REPORT**

### **Further Financial Facility Draw Down**

The Company refers to the \$2 million convertible note facility ("CNF") made available to it by the then largest shareholder, Cross-Strait Common development fund Co., Limited ("Cross Strait"). The Cross Strait CNF was approved by shareholders at the November 2015 AGM and subsequently received other regulatory approvals in late February 2016. The CNF was previously drawn down for an amount of \$300,000 and the Company has drawn down a further \$700,000 subsequent to June quarter-end.

### **Cash Reserves**

Total expenditure for the June 2016 quarter amounted to \$385,965 of which \$250,345 was attributable to exploration and evaluation, compared to a total expenditure of \$1,585,808 in the March 2016 quarter.

The cash balance at the end of the quarter was \$34,105. On 8 July 2016 (subsequent to the end of the quarter), the Company received \$137,000 as the final settlement for sale of an ore stockpile, and on 22 July 2016 the Company completed a \$700,000 drawdown under its existing convertible note facility.

For further information please contact

Lijun Yang

**Executive Director and Company Secretary** 

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Location map of KalNorth projects showing roads and local processing plants

#### **About KalNorth Gold Mines Limited**

KalNorth Gold Mines Limited (ASX Code: KGM) is a gold exploration company based in Kalgoorlie, Western Australia (WA). The Company's core suite of tenements, all 100% owned, are located some 50 to 80km north-east of the world renowned gold mining town of Kalgoorlie, WA. There are currently three main gold projects each with resources within the KGM holding: Lindsay's, Kalpini and Kurnalpi (collectively the KalNorth Field).

#### **Competent Person Statement-Exploration Results and Mineral Resources**

The information in this report that relates to exploration results (excluding the Mineral Resource estimate and JORC Table of Brilliant) is based on, and fairly represents information and supporting documentation prepared by Mr Lijun Yang, a Competent Person who is a member of Australian Institute of Geoscientists. Mr Yang is an Executive Director and a full time employee of the Company now. Mr Yang has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Yang consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

The information in this report that related to the Brilliant deposit Mineral Resource estimate is based on material generated and complied by David Reid who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Reid has sufficient experience relevant to the style of the mineralization and type of deposit under consideration and to the activity which is being undertaken to qualify as competent Person as defined in the 2012 Edition of the JORC "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Reid consents to the inclusion in this report of the matters based on his information in the form and content in which it appears.

The information in attached JORC Tables of this report that relates to the Brilliant deposit Exploration Results, Geology, Resource Database and Bulk Density is based on material complied by Wade Johnson. Mr Johnson is a Member of the Australian Institute of Geoscientists and was an employee and current contract geologist of KalNorth. Mr Johnson has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which is being undertaken to qualify as Competent Person as defined in the 2012 Edition of the JORC "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Reid consents to the inclusion in this report of the matters based on his information in the form and content in which it appears.

# **Tenement Holdings and Movements**

Mining Tenements and Beneficial Interest Held as at the end of the June 2016 Quarter

	ements and Beneficial Interest Held as	at the end of the J	une 2016 Quarte	r
Tenement	Holder	Status	Project	Interest %
L27/0088	KALNORTH GOLD MINES LIMITED	LIVE	Kalpini	100
M27/0485	KALNORTH GOLD MINES LIMITED	LIVE	Kalpini	100
E28/1477	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
E28/2015	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
E28/2153	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
E28/2226	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
E28/2256	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
E28/2541	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0007	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0066	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0072	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0076	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0084	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0089	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0090	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0092	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0113	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0374	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0375	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1097	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1100	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1101	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1102	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1103	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1104	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1105	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1106	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1107	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1108	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1111	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1112	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1113	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1114	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1115	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1116	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1117	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1118	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1119	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1125	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1126	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1154	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1155	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1156	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1157	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1137 P28/1180	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1180 P28/1184	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
		LIVE	+	
P28/1186	KALNORTH GOLD MINES LIMITED		Kurnalpi	100
P28/1187	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100

P28/1190	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1191	KALNORTH GOLD MINES LIMITED	LIVE	Kurnalpi	100
P28/1226	LUSITAN PROSPECTING PTY LTD	LIVE	Kurnalpi	100
P28/1227	LUSITAN PROSPECTING PTY LTD	LIVE	Kurnalpi	100
P28/1228	LUSITAN PROSPECTING PTY LTD	LIVE	Kurnalpi	100
P28/1229	LUSITAN PROSPECTING PTY LTD	LIVE	Kurnalpi	100
P28/1230	LUSITAN PROSPECTING PTY LTD	LIVE	Kurnalpi	100
P28/1231	LUSITAN PROSPECTING PTY LTD	LIVE	Kurnalpi	100
P28/1254	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
P28/1255	SHANNON RESOURCES PTY LTD	LIVE	Kurnalpi	100
M28/0377	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0378	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0379	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0380	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0381	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0382	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0383	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
M28/0384	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
P28/1282	SHANNON RESOURCES PTY LTD	PENDING	Kurnalpi	100
E27/0517	KALNORTH GOLD MINES LIMITED	LIVE	Lindsays Find	100
L27/0082	KALNORTH GOLD MINES LIMITED	LIVE	Lindsays Find	100
L27/0084	KALNORTH GOLD MINES LIMITED	LIVE	Lindsays Find	100
M27/0034	KALNORTH GOLD MINES LIMITED	LIVE	Lindsays Find	100
M27/0169	KALNORTH GOLD MINES LIMITED	LIVE	Lindsays Find	100
M27/0486	KALNORTH GOLD MINES LIMITED	LIVE	Lindsays Find	100
M15/1806	KALNORTH GOLD MINES LIMITED	LIVE	Spargoville	100
E27/0524	HERON RESOURCES LIMITED	LIVE	Kalpini	100% Au rights

### Tenements Relinquished During the June 2016 Quarter

Tenement	Holder	Status	Date	Reason	Project	Interest %
E28/2303	KALNORTH GOLD MINES LIMITED	LIVE	21-Jun-2016	Transferred	Roe	100
E28/2304	KALNORTH GOLD MINES LIMITED	LIVE	21-Jun-2016	Transferred	Roe	100
P15/5766	KALNORTH GOLD MINES LIMITED	DEAD	8-Jun-2016	Surrendered	Spargoville	100
P27/2111	KALNORTH GOLD MINES LIMITED	DEAD	31-May-2016	Surrendered	Lindsays Find	100

Tenements Acquired During the June 2016 Quarter - Nil

None of the mineral interests listed above are the subject of any farm-in / farm-out or joint venture arrangements.

Tenement list used to estimate the 2016 resource of Brilliant deposit

Appendix A

Hole ID	type	Depth	East	North	RL	Date	Company
BLRC001	RC	108	425538.18	6623087.67	364.92	1/07/1996	KurnGold
BLRC002	RC	94	425436.98	6623127.67	363.88	1/07/1996	KurnGold
BLRC003	RC	109	425517.15	6623287.67	365.21	1/07/1996	KurnGold
BLRC004	RC	88	425635.19	6623085.67	366.02	1/07/1996	KurnGold
BLRC005	RC	90	425497.00	6623167.67	364.72	1/07/1996	KurnGold
BLRC006	RC	82	425597.37	6623247.67	366.49	1/07/1996	KurnGold
BLRC007	RC	100	425643.30	6623049.67	365.97	1/07/1996	KurnGold
BLRC008	RC	118	425657.45	6623087.67	366.47	1/07/1996	KurnGold
BLRC009	RC	125	425617.03	6623247.67	366.87	1/07/1996	KurnGold
BLRC010	RC	119	425637.73	6623287.67	367.23	1/07/1996	KurnGold
BLRC011	RC	140	425598.06	6623147.67	366.00	1/07/1997	KurnGold
BLRC012	RC	112	425477.20	6623187.67	364.43	1/07/1997	KurnGold
BLRC013	RC	112	425577.23	6623127.67	365.63	1/07/1997	KurnGold
BLRC014	RC	120	425417.32	6623127.67	363.68	1/07/1997	KurnGold
BLRC015	RC	116	425304.18	6623189.67	362.80	1/07/1997	KurnGold
BLRC016	RC	110	425527.97	6623047.67	364.55	1/07/1997	KurnGold
BLRC018	RC	120	425537.63	6623167.67	365.30	1/07/1997	KurnGold
BLRC10	RC	119	425677.88	6623357.67	400.00	26/06/1996	
BLRC7	RC	100	425687.39	6623117.67	400.00	24/06/1996	
BLRC8	RC	118	425697.61	6623157.67	400.00	24/06/1996	
BLRC9	RC	125	425657.19	6623317.67	400.00	25/06/1996	
KBDD001	DDH	41	425646.87	6622857.43	365.10	20/01/2012	Carrick
KBDD002	DDH	17	425458.25	6623020.95	363.60	11/01/2012	Carrick
KBDD003	DDH	118	425622.86	6623176.87	366.49	12/01/2012	Carrick
KBDD004	DDH	118	425631.63	6623139.18	366.22	17/01/2012	Carrick
KBRC001	RC	24	425616.62	6622699.50	364.46	25/06/2011	Carrick
KBRC002	RC	48	425635.57	6622699.41	364.71	25/06/2011	Carrick
KBRC003	RC	90	425654.59	6622699.71	364.96	25/06/2011	Carrick
KBRC004	RC	72	425733.67	6622699.75	366.12	25/06/2011	Carrick
KBRC005	RC	104	425756.11	6622699.78	366.50	26/06/2011	Carrick
KBRC006	RC	30	425587.65	6622739.71	364.18	26/06/2011	Carrick
KBRC007	RC	66	425607.68	6622739.35	364.26	26/06/2011	Carrick
KBRC008	RC	96	425629.92	6622739.84	364.53	26/06/2011	Carrick
KBRC009	RC	126	425743.51	6622739.20	366.25	26/06/2011	Carrick
KBRC010	RC	42	425596.79	6622778.59	364.24	27/06/2011	Carrick
KBRC011	RC	78	425617.97	6622778.61	364.40	27/06/2011	Carrick
KBRC012	RC	120	425637.01	6622778.94	364.66	27/06/2011	Carrick
KBRC013	RC	30	425656.85	6622778.70	364.88	28/06/2011	Carrick
KBRC014	RC	54	425678.88	6622776.27	365.19	28/06/2011	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KBRC015	RC	84	425699.55	6622779.03	365.49	28/06/2011	Carrick
KBRC016	RC	110	425720.47	6622778.91	365.89	28/06/2011	Carrick
KBRC017	RC	142	425739.76	6622778.92	366.29	29/06/2011	Carrick
KBRC018	RC	36	425578.69	6622819.61	364.18	30/06/2011	Carrick
KBRC019	RC	72	425600.90	6622819.17	364.33	30/06/2011	Carrick
KBRC020	RC	126	425620.28	6622818.78	364.55	30/06/2011	Carrick
KBRC021	RC	36	425660.27	6622817.63	364.88	1/07/2011	Carrick
KBRC022	RC	24	425558.81	6622858.19	364.21	1/07/2011	Carrick
KBRC023	RC	54	425577.97	6622858.33	364.41	1/07/2011	Carrick
KBRC024	RC	120	425599.53	6622858.30	364.77	1/07/2011	Carrick
KBRC025	RC	120	425619.54	6622858.03	364.83	2/07/2011	Carrick
KBRC026	RC	42	425638.99	6622857.88	365.01	2/07/2011	Carrick
KBRC027	RC	84	425660.28	6622857.80	365.23	2/07/2011	Carrick
KBRC028	RC	24	425540.03	6622900.18	364.30	2/07/2011	Carrick
KBRC029	RC	48	425559.53	6622900.10	364.49	2/07/2011	Carrick
KBRC030	RC	84	425579.17	6622900.53	364.77	3/07/2011	Carrick
KBRC031	RC	118	425600.16	6622899.48	364.89	3/07/2011	Carrick
KBRC032	RC	54	425630.24	6622899.11	365.06	3/07/2011	Carrick
KBRC033	RC	36	425529.15	6622939.98	364.45	3/07/2011	Carrick
KBRC034	RC	66	425549.43	6622939.14	364.56	3/07/2011	Carrick
KBRC035	RC	102	425568.15	6622938.86	364.80	4/07/2011	Carrick
KBRC036	RC	138	425588.24	6622938.37	365.11	4/07/2011	Carrick
KBRC037	RC	30	425610.07	6622938.09	365.23	4/07/2011	Carrick
KBRC038	RC	96	425648.54	6622937.45	365.48	4/07/2011	Carrick
KBRC039	RC	124	425670.36	6622936.94	365.92	5/07/2011	Carrick
KBRC040	RC	72	425549.12	6622979.68	364.64	5/07/2011	Carrick
KBRC041	RC	108	425568.79	6622979.70	364.83	5/07/2011	Carrick
KBRC042	RC	24	425605.79	6622978.96	365.33	5/07/2011	Carrick
KBRC043	RC	150	425631.53	6622978.26	365.70	5/07/2011	Carrick
KBRC044	RC	124	425664.03	6622977.88	365.94	5/07/2011	Carrick
KBRC045	RC	24	425497.05	6623019.32	364.01	5/07/2011	Carrick
KBRC046	RC	54	425517.44	6623019.52	364.15	6/07/2011	Carrick
KBRC047	RC	130	425575.37	6623019.36	364.85	6/07/2011	Carrick
KBRC048	RC	120	425599.29	6623019.32	365.33	6/07/2011	Carrick
KBRC049	RC	84	425635.39	6623019.55	365.69	6/07/2011	Carrick
KBRC050	RC	190	425655.71	6623019.51	365.96	6/07/2011	Carrick
KBRC051	RC	150	425677.83	6623019.59	366.28	6/07/2011	Carrick
KBRC052	RC	54	425498.94	6623057.75	364.18	7/07/2011	Carrick
KBRC053	RC	90	425518.68	6623061.27	364.32	7/07/2011	Carrick
KBRC054	RC	84	425578.75	6623060.01	365.18	7/07/2011	Carrick
KBRC055	RC	102	425600.96	6623059.23	365.35	7/07/2011	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KBRC056	RC	72	425624.19	6623058.71	365.61	7/07/2011	Carrick
KBRC057	RC	130	425644.05	6623058.22	365.90	7/07/2011	Carrick
KBRC058	RC	160	425663.39	6623057.88	366.28	8/07/2011	Carrick
KBRC059	RC	60	425500.10	6623100.16	364.41	8/07/2011	Carrick
KBRC060	RC	102	425521.36	6623099.77	364.74	8/07/2011	Carrick
KBRC061	RC	150	425543.64	6623099.62	364.90	8/07/2011	Carrick
KBRC062	RC	230	425582.52	6623099.04	365.33	8/07/2011	Carrick
KBRC063	RC	42	425603.10	6623098.94	365.54	9/07/2011	Carrick
KBRC064	RC	160	425624.57	6623098.90	366.01	9/07/2011	Carrick
KBRC065	RC	147	425644.70	6623098.58	366.13	9/07/2011	Carrick
KBRC066	RC	24	425464.92	6623139.07	364.13	9/07/2011	Carrick
KBRC067	RC	58	425487.88	6623139.04	364.35	9/07/2011	Carrick
KBRC068	RC	96	425508.33	6623139.02	364.75	9/07/2011	Carrick
KBRC069	RC	136	425527.38	6623138.96	364.98	9/07/2011	Carrick
KBRC070	RC	210	425568.07	6623139.12	365.42	10/07/2011	Carrick
KBRC071	RC	30	425586.98	6623139.38	365.60	10/07/2011	Carrick
KBRC072	RC	130	425608.08	6623139.40	365.99	10/07/2011	Carrick
KBRC073	RC	158	425628.28	6623139.29	366.28	10/07/2011	Carrick
KBRC074	RC	140	425649.51	6623139.39	366.72	10/07/2011	Carrick
KBRC075	RC	48	425468.05	6623179.60	364.29	10/07/2011	Carrick
KBRC076	RC	80	425489.20	6623179.30	364.57	10/07/2011	Carrick
KBRC077	RC	114	425507.27	6623178.89	364.76	10/07/2011	Carrick
KBRC078	RC	150	425528.52	6623178.48	365.11	11/07/2011	Carrick
KBRC079	RC	60	425564.67	6623178.20	365.61	11/07/2011	Carrick
KBRC080	RC	90	425580.05	6623177.93	365.86	11/07/2011	Carrick
KBRC081	RC	120	425598.88	6623177.46	366.04	11/07/2011	Carrick
KBRC082	RC	112	425616.74	6623176.85	366.41	12/07/2011	Carrick
KBRC083D	RD	197	425637.74	6623176.89	366.73	12/07/2011	Carrick
KBRC084	RC	36	425477.70	6623219.95	364.58	12/07/2011	Carrick
KBRC085	RC	102	425499.38	6623219.59	364.82	14/07/2011	Carrick
KBRC086	RC	140	425519.17	6623219.27	365.17	14/07/2011	Carrick
KBRC087	RC	140	425537.59	6623218.95	365.29	14/07/2011	Carrick
KBRC088	RC	36	425572.06	6623218.71	365.75	15/07/2011	Carrick
KBRC089	RC	72	425592.56	6623218.55	366.08	15/07/2011	Carrick
KBRC090	RC	114	425613.44	6623218.13	366.51	15/07/2011	Carrick
KBRC091	RC	150	425633.75	6623217.86	366.88	16/07/2011	Carrick
KBRC092	RC	36	425470.86	6623260.33	364.52	16/07/2011	Carrick
KBRC093	RC	90	425491.30	6623260.11	364.90	16/07/2011	Carrick
KBRC094	RC	154	425512.09	6623259.82	365.17	16/07/2011	Carrick
KBRC095	RC	144	425530.26	6623259.80	365.18	16/07/2011	Carrick
KBRC096	RC	30	425554.95	6623259.34	365.59	17/07/2011	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KBRC097	RC	102	425594.93	6623259.01	366.15	17/07/2011	Carrick
KBRC098	RC	156	425615.24	6623259.11	366.48	17/07/2011	Carrick
KBRC099	RC	48	425462.70	6623301.19	364.51	18/07/2011	Carrick
KBRC100	RC	82	425482.16	6623300.50	364.65	19/07/2011	Carrick
KBRC101	RC	173	425501.95	6623300.92	364.95	19/07/2011	Carrick
KBRC102	RC	42	425541.70	6623301.15	365.53	19/07/2011	Carrick
KBRC103	RC	150	425562.61	6623300.69	365.74	20/07/2011	Carrick
KBRC104	RC	112	425582.11	6623300.80	366.05	20/07/2011	Carrick
KBRC105	RC	150	425602.88	6623300.70	366.47	20/07/2011	Carrick
KBRC106	RC	180	425448.25	6623340.73	364.45	21/11/2012	KalNorth
KBRC107	RC	66	425467.47	6623340.43	364.75	21/07/2011	Carrick
KBRC108	RC	102	425489.36	6623340.40	364.95	21/07/2011	Carrick
KBRC109	RC	120	425520.10	6623340.21	365.33	21/07/2011	Carrick
KBRC110	RC	66	425538.85	6623339.83	365.67	22/07/2011	Carrick
KBRC111	RC	102	425559.16	6623339.80	365.99	22/07/2011	Carrick
KBRC112	RC	138	425579.00	6623339.61	366.16	22/07/2011	Carrick
KBRC113	RC	30	425441.86	6623378.90	364.39	23/07/2011	Carrick
KBRC114	RC	160	425461.40	6623379.45	364.73	21/11/2012	KalNorth
KBRC115	RC	96	425482.30	6623379.30	364.97	23/07/2011	Carrick
KBRC116	RC	30	425501.56	6623379.15	365.15	24/07/2011	Carrick
KBRC117	RC	60	425521.77	6623379.34	365.46	24/07/2011	Carrick
KBRC118	RC	108	425542.19	6623379.02	365.75	24/07/2011	Carrick
KBRC119	RC	144	425561.95	6623379.02	365.97	24/07/2011	Carrick
KBRC120	RC	42	425436.24	6623420.08	364.29	25/07/2011	Carrick
KBRC121	RC	180	425456.90	6623420.02	364.66	20/11/2012	KalNorth
KBRC122	RC	85	425476.66	6623420.17	364.92	25/07/2011	Carrick
KBRC123	RC	42	425497.92	6623419.68	365.06	26/07/2011	Carrick
KBRC124	RC	84	425517.76	6623419.49	365.33	26/07/2011	Carrick
KBRC125	RC	144	425538.42	6623419.38	365.48	27/07/2011	Carrick
KBRC126	RC	168	425558.65	6623419.11	365.86	27/07/2011	Carrick
KBRC127	RC	42	425425.19	6623459.12	364.00	28/07/2011	Carrick
KBRC129	RC	112	425465.32	6623459.15	364.39	28/07/2011	Carrick
KBRC130	RC	36	425487.16	6623459.02	364.64	29/07/2011	Carrick
KBRC131	RC	72	425506.32	6623459.03	364.87	29/07/2011	Carrick
KBRC132	RC	108	425527.74	6623459.10	365.10	29/07/2011	Carrick
KBRC133	RC	144	425547.08	6623459.02	365.41	29/07/2011	Carrick
KBRC134	RC	42	425418.54	6623497.43	363.71	30/07/2011	Carrick
KBRC136	RC	112	425460.41	6623499.83	364.14	30/07/2011	Carrick
KBRC137	RC	36	425483.33	6623500.15	364.39	31/07/2011	Carrick
KBRC138	RC	66	425500.33	6623499.89	364.62	31/07/2011	Carrick
KBRC139	RC	107	425519.76	6623500.10	364.48	31/07/2011	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KBRC140	RC	138	425539.68	6623500.04	364.81	31/07/2011	Carrick
KBRC141	RC	42	425438.97	6623539.29	363.66	1/08/2011	Carrick
KBRC142	RC	78	425459.83	6623538.62	363.82	1/08/2011	Carrick
KBRC143	RC	33	425479.42	6623538.44	364.04	2/08/2011	Carrick
KBRC144	RC	66	425499.06	6623538.54	364.27	2/08/2011	Carrick
KBRC145	RC	102	425519.87	6623535.92	364.40	2/08/2011	Carrick
KBRC146	RC	138	425538.51	6623538.53	364.71	2/08/2011	Carrick
KBRC147	RC	112	425476.61	6623417.01	364.94	26/07/2011	Carrick
KBRC148	RC	90	425631.51	6622817.17	364.73	20/10/2011	Carrick
KBRC149	RC	132	425611.62	6622817.54	364.49	20/10/2011	Carrick
KBRC150	RC	110	425608.57	6622856.06	364.94	21/10/2011	Carrick
KBRC151	RC	160	425582.50	6622855.68	364.66	21/10/2011	Carrick
KBRC152	RC	210	425689.42	6622936.35	366.33	21/10/2011	Carrick
KBRC153	RC	246	425708.98	6622935.79	366.46	22/10/2011	Carrick
KBRC154	RC	120	425677.22	6622913.52	365.98	23/10/2011	Carrick
KBRC155	RC	162	425697.02	6622922.72	366.15	24/10/2011	Carrick
KBRC156	RC	162	425682.64	6622977.95	366.13	25/10/2011	Carrick
KBRC157	RC	222	425704.06	6622977.07	366.69	25/10/2011	Carrick
KBRC158	RC	130	425551.14	6623019.33	364.70	26/10/2011	Carrick
KBRC159	RC	222	425699.52	6623020.10	366.49	27/10/2011	Carrick
KBRC160	RC	150	425549.59	6623060.22	364.72	28/10/2011	Carrick
KBRC161	RC	210	425682.84	6623057.73	366.52	28/10/2011	Carrick
KBRC162	RC	240	425701.34	6623057.21	366.84	29/10/2011	Carrick
KBRC163D	RD	236	425682.97	6623098.24	366.84	31/10/2011	Carrick
KBRC164D	RD	233	425667.76	6623139.18	367.20	1/11/2011	Carrick
KBRC165D	RD	257	425688.08	6623139.70	367.59	2/11/2011	Carrick
KBRC166D	RD	257	425675.41	6623176.16	367.77	3/11/2011	Carrick
KBRC167	RC	75	425457.91	6623220.40	364.38	4/11/2011	Carrick
KBRC168D	RD	224	425653.46	6623217.55	367.37	4/11/2011	Carrick
KBRC169D	RD	250	425673.10	6623220.67	367.78	5/11/2011	Carrick
KBRC170	RC	50	425444.78	6623260.56	364.20	7/11/2011	Carrick
KBRC171	RC	120	425570.90	6623259.19	365.88	9/11/2011	Carrick
KBRC172	RC	250	425655.00	6623259.51	367.48	9/11/2011	Carrick
KBRC173	RC	150	425440.38	6623301.73	364.27	22/11/2012	KalNorth
KBRC174	RC	207	425618.62	6623300.16	366.83	10/11/2011	Carrick
KBRC175	RC	240	425641.31	6623301.35	367.22	11/11/2011	Carrick
KBRC176D	RD	228	425604.54	6623339.66	366.50	12/11/2011	Carrick
KBRC177D	RD	253	425620.65	6623339.41	366.82	14/11/2011	Carrick
KBRC178D	RD	253	425601.66	6623379.09	366.62	15/11/2011	Carrick
KBRC179	RC	252	425580.98	6623419.39	366.18	16/11/2011	Carrick
KBRC180	RC	264	425595.52	6623419.30	366.37	17/11/2011	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KBRC181	RC	252	425586.03	6623459.50	365.84	19/11/2011	Carrick
KBRC182	RC	250	425579.02	6623500.74	365.46	19/11/2011	Carrick
KBRC183	RC	204	425565.88	6622855.33	364.19	26/11/2011	Carrick
KBRC184	RC	180	425590.42	6622815.14	364.26	26/11/2011	Carrick
KBRC185	RC	12	425653.84	6623256.99	367.37	26/11/2011	Carrick
KBRC186	RC	198	425634.55	6623258.46	366.93	27/11/2011	Carrick
KBRC187	RC	186	425567.66	6622780.64	364.07	27/11/2011	Carrick
KBRC188	RC	55	425517.42	6622819.33	363.66	5/04/2012	Carrick
KBRC189	RC	60	425538.84	6622818.38	363.80	5/04/2012	Carrick
KBRC190	RC	60	425557.57	6622818.06	363.99	6/04/2012	Carrick
KBRC191	RC	60	425488.01	6622939.83	363.81	6/04/2012	Carrick
KBRC192	RC	60	425505.51	6622939.19	364.02	6/04/2012	Carrick
KBRC193	RC	75	425377.72	6623218.37	363.24	6/04/2012	Carrick
KBRC194	RC	76	425396.69	6623220.47	363.54	7/04/2012	Carrick
KBRC195	RC	76	425414.82	6623222.08	363.93	7/04/2012	Carrick
KBRC196	RC	76	425436.81	6623219.96	364.09	7/04/2012	Carrick
KBRC197	RC	76	425367.04	6623260.82	363.17	7/04/2012	Carrick
KBRC198	RC	76	425388.40	6623260.44	363.42	7/04/2012	Carrick
KBRC199	RC	76	425409.21	6623260.09	363.80	8/04/2012	Carrick
KBRC200	RC	76	425430.61	6623259.68	364.12	8/04/2012	Carrick
KBRC201	RC	76	425379.00	6623301.59	363.43	8/04/2012	Carrick
KBRC202	RC	76	425397.90	6623301.33	363.68	8/04/2012	Carrick
KBRC203	RC	76	425419.70	6623301.43	364.09	8/04/2012	Carrick
KBRC204	RC	100	425378.47	6623340.34	363.58	9/04/2012	Carrick
KBRC205	RC	100	425399.45	6623340.32	363.89	9/04/2012	Carrick
KBRC206	RC	108	425418.55	6623340.26	364.07	9/04/2012	Carrick
KBRC207	RC	100	425349.33	6623380.05	363.26	9/04/2012	Carrick
KBRC208	RC	100	425397.15	6623377.56	363.81	10/04/2012	Carrick
KBRC209	RC	108	425417.95	6623377.04	364.23	10/04/2012	Carrick
KBRC210	RC	100	425378.35	6623417.07	363.52	10/04/2012	Carrick
KBRC211	RC	100	425335.93	6623419.39	362.93	11/04/2012	Carrick
KBRC212	RC	100	425399.39	6623419.45	363.83	11/04/2012	Carrick
KBRC213	RC	106	425418.41	6623419.21	364.07	11/04/2012	Carrick
KBRC219	RC	120	425494.46	6623996.49	363.75	17/11/2012	KalNorth
KBRC220	RC	120	425536.77	6623996.94	364.16	17/11/2012	KalNorth
KBRC221	RC	120	425295.16	6623675.30	362.39	18/11/2012	KalNorth
KBRC222	RC	120	425335.98	6623674.87	362.70	18/11/2012	KalNorth
KBRC223	RC	102	425360.77	6623458.74	363.17	19/11/2012	KalNorth
KBRC224	RC	132	425400.52	6623458.71	363.68	19/11/2012	KalNorth
KBRC225	RC	130	425380.30	6623467.54	363.40	23/11/2012	KalNorth
KBRC226	RC	133	425400.00	6623500.00	365.00	17/12/2015	KALNORTH

Hole ID	type	Depth	East	North	RL	Date	Company
KBRC227	RC	127	425400.00	6623540.00	365.00	17/12/2015	KALNORTH
KBRCD128	RD	221	425447.27	6623459.15	364.22	28/07/2011	Carrick
KBRCD135	RD	232	425440.45	6623499.91	363.85	30/07/2011	Carrick
KBRCL001	RC	30	425439.36	6623017.82	363.45	28/11/2011	Carrick
KBRCL002	RC	30	425399.17	6623017.68	362.82	28/11/2011	Carrick
KBRCL003	RC	30	425381.37	6623017.75	362.72	28/11/2011	Carrick
KBRCL004	RC	30	425376.57	6623057.78	362.80	28/11/2011	Carrick
KBRCL005	RC	30	425399.45	6623059.52	363.17	28/11/2011	Carrick
KBRCL006	RC	30	425441.14	6623058.96	363.59	28/11/2011	Carrick
KBRCL007	RC	30	425449.04	6623099.55	363.75	29/11/2011	Carrick
KBRCL008	RC	30	425431.49	6623102.11	363.56	29/11/2011	Carrick
KBRCL009	RC	30	425410.37	6623100.08	363.37	29/11/2011	Carrick
KBRCL010	RC	30	425428.40	6623139.08	363.62	29/11/2011	Carrick
KBRCL011	RC	30	425407.99	6623139.13	363.39	29/11/2011	Carrick
KBRCL012	RC	30	425428.47	6623179.76	363.75	29/11/2011	Carrick
KBRCL013	RC	30	425412.38	6623179.53	363.59	29/11/2011	Carrick
KBRCL014	RC	48	425479.33	6623058.76	363.94	29/11/2011	Carrick
KBRCL015	RC	45	425389.60	6623178.83	363.27	6/04/2012	
KBRCL016	RC	45	425370.57	6623178.52	363.05	6/04/2012	
KDD001	DDH	367	425300.00	6623510.00	362.80	18/06/2003	Newcrest
KNRC002	RC	299	425180.00	6623900.00	363.67	14/12/2003	Newcrest
KNRC003	RC	174	425390.00	6623508.00	363.51	26/02/2004	Newcrest
KRC001	RC	86	425137.00	6622557.00	361.01	30/03/1999	North
KRC002	RC	87	425037.00	6622557.00	360.32	31/03/1999	North
KRC041	RC	148	425452.00	6622757.00	363.09	8/06/1999	North
KRC042	RC	142	425237.00	6623157.00	362.21	8/06/1999	North
KRC043	RC	151	425057.00	6623507.00	362.00	9/06/1999	North
KRC044	RC	150	425137.00	6623507.00	362.00	12/06/1999	North
KRC045	RC	150	425237.00	6623507.00	362.23	12/06/1999	North
KRC046	RC	136	425337.00	6623507.00	363.12	13/06/1999	North
KRC047	RC	148	425437.00	6623507.00	363.87	13/06/1999	North
KRC048	RC	166	425537.00	6623507.00	365.00	15/06/1999	North
KRC051	RC	130	425557.00	6622972.00	365.00	16/06/1999	North
KRC052	RC	129	425137.00	6623707.00	362.13	16/08/1999	North
KRC053	RC	148	425237.00	6623707.00	362.55	17/08/1999	North
KRC054	RC	130	425337.00	6623707.00	363.11	17/08/1999	North
KRC055	RC	120	425437.00	6623707.00	363.71	18/08/1999	North
KRC056	RC	118	425537.00	6623707.00	365.00	19/08/1999	North
KRC081	RC	106	425592.00	6622885.00	365.00	22/12/1999	North
KRC094	RC	120	425637.65	6622727.67	365.10	2/02/2000	North
KUAC001	AC	61	425000.00	6623680.00	362.00	1/02/2012	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KUAC002	AC	60	425080.00	6623680.00	362.00	1/02/2012	Carrick
KUAC003	AC	71	425160.00	6623680.00	362.07	2/02/2012	Carrick
KUAC004	AC	83	425240.00	6623680.00	362.48	2/02/2012	Carrick
KUAC005	AC	60	425320.00	6623680.00	362.94	2/02/2012	Carrick
KUAC006	AC	56	425400.00	6623680.00	363.43	2/02/2012	Carrick
KUAC007	AC	69	425480.00	6623680.00	363.95	2/02/2012	Carrick
KUAC008	AC	72	425560.00	6623680.00	364.75	3/02/2012	Carrick
KUAC009	AC	57	425640.00	6623680.00	365.56	3/02/2012	Carrick
KUAC010	AC	69	425720.00	6623680.00	366.35	3/02/2012	Carrick
KUAC011	AC	44	425800.00	6623680.00	367.01	3/02/2012	Carrick
KUAC012	AC	44	425880.00	6623680.00	367.63	3/02/2012	Carrick
KUAC013	AC	59	425960.00	6623680.00	368.53	4/02/2012	Carrick
KUAC015	AC	33	425000.00	6623840.00	363.09	4/02/2012	Carrick
KUAC016	AC	57	425080.00	6623840.00	362.93	4/02/2012	Carrick
KUAC017	AC	58	425160.00	6623840.00	363.17	4/02/2012	Carrick
KUAC018	AC	58	425240.00	6623840.00	363.41	5/02/2012	Carrick
KUAC019	AC	60	425320.00	6623840.00	363.64	5/02/2012	Carrick
KUAC020	AC	73	425400.00	6623840.00	363.88	5/02/2012	Carrick
KUAC021	AC	75	425480.00	6623840.00	364.05	5/02/2012	Carrick
KUAC022	AC	57	425560.00	6623840.00	364.69	6/02/2012	Carrick
KUAC023	AC	57	425640.00	6623840.00	365.36	6/02/2012	Carrick
KUAC024	AC	59	425720.00	6623840.00	366.07	6/02/2012	Carrick
KUAC025	AC	54	425800.00	6623840.00	366.84	7/02/2012	Carrick
KUAC026	AC	68	425880.00	6623840.00	367.60	7/02/2012	Carrick
KUAC027	AC	61	425960.00	6623840.00	368.07	7/02/2012	Carrick
KUAC029	AC	30	425000.00	6624000.00	363.94	7/02/2012	Carrick
KUAC030	AC	37	425080.00	6624000.00	364.00	8/02/2012	Carrick
KUAC031	AC	37	425160.00	6624000.00	364.00	8/02/2012	Carrick
KUAC032	AC	76	425240.00	6624000.00	364.00	8/02/2012	Carrick
KUAC033	AC	76	425320.00	6624000.00	364.00	8/02/2012	Carrick
KUAC034	AC	69	425400.00	6624000.00	364.00	8/02/2012	Carrick
KUAC035	AC	71	425480.00	6624000.00	364.00	9/02/2012	Carrick
KUAC036	AC	56	425560.00	6624000.00	364.45	9/02/2012	Carrick
KUAC037	AC	68	425640.00	6624000.00	365.15	9/02/2012	Carrick
KUAC038	AC	62	425720.00	6624000.00	365.87	9/02/2012	Carrick
KUAC039	AC	64	425800.00	6624000.00	366.61	9/02/2012	Carrick
KUAC040	AC	66	425880.00	6624000.00	367.19	10/02/2012	Carrick
KUAC041	AC	70	425960.00	6624000.00	367.72	10/02/2012	Carrick
KUAC121	AC	53	425000.00	6623520.00	362.00	27/02/2012	Carrick
KUAC122	AC	61	425080.00	6623520.00	362.00	27/02/2012	Carrick
KUAC123	AC	75	425160.00	6623520.00	362.00	27/02/2012	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KUAC124	AC	104	425240.00	6623520.00	362.28	27/02/2012	Carrick
KUAC125	AC	76	425320.00	6623520.00	362.96	29/02/2012	Carrick
KUAC126	AC	73	425400.00	6623520.00	363.57	29/02/2012	Carrick
KUAC127	AC	64	425640.00	6623520.00	366.13	1/03/2012	Carrick
KUAC128	AC	58	425720.00	6623520.00	367.21	1/03/2012	Carrick
KUAC129	AC	39	425800.00	6623520.00	368.06	1/03/2012	Carrick
KUAC130	AC	32	425880.00	6623520.00	368.83	1/03/2012	Carrick
KUAC131	AC	47	425960.00	6623520.00	368.65	1/03/2012	Carrick
KUAC153	AC	62	425000.00	6623360.00	362.00	4/03/2012	Carrick
KUAC154	AC	61	425080.00	6623360.00	362.00	4/03/2012	Carrick
KUAC155A	AC	50	425162.00	6623360.00	362.00	5/03/2012	Carrick
KUAC155B	AC	84	425162.00	6623360.00	362.00	5/03/2012	Carrick
KUAC156	AC	50	425240.00	6623360.00	362.00	5/03/2012	Carrick
KUAC157	AC	86	425320.00	6623360.00	363.15	6/03/2012	Carrick
KUAC158	AC	83	425400.00	6623360.00	363.89	6/03/2012	Carrick
KUAC159	AC	70	425000.00	6623200.00	362.00	6/03/2012	Carrick
KUAC160	AC	72	425080.00	6623200.00	362.00	6/03/2012	Carrick
KUAC161	AC	66	425160.00	6623200.00	362.00	6/03/2012	Carrick
KUAC162	AC	76	425240.00	6623200.00	362.30	7/03/2012	Carrick
KUAC163	AC	89	425320.00	6623200.00	362.94	7/03/2012	Carrick
KUAC164	AC	87	425400.00	6623200.00	363.59	8/03/2012	Carrick
KUAC165	AC	62	425000.00	6623040.00	362.00	8/03/2012	Carrick
KUAC166	AC	66	425080.00	6623040.00	362.00	8/03/2012	Carrick
KUAC167	AC	73	425160.00	6623040.00	362.00	8/03/2012	Carrick
KUAC168	AC	80	425240.00	6623040.00	362.00	8/03/2012	Carrick
KUAC169	AC	87	425320.00	6623040.00	362.51	9/03/2012	Carrick
KUAC171	AC	60	425000.00	6622880.00	361.22	9/03/2012	Carrick
KUAC172	AC	73	425080.00	6622880.00	361.35	10/03/2012	Carrick
KUAC173	AC	63	425160.00	6622880.00	361.48	10/03/2012	Carrick
KUAC174	AC	59	425240.00	6622880.00	361.68	10/03/2012	Carrick
KUAC175	AC	60	425320.00	6622880.00	362.00	10/03/2012	Carrick
KUAC176	AC	86	425400.00	6622880.00	362.75	10/03/2012	Carrick
KUAC177	AC	41	425480.00	6622880.00	361.91	11/03/2012	Carrick
KUAC179	AC	76	425000.00	6622720.00	360.21	11/03/2012	Carrick
KUAC180	AC	64	425080.00	6622720.00	360.64	11/03/2012	Carrick
KUAC181	AC	71	425160.00	6622720.00	361.10	12/03/2012	Carrick
KUAC182	AC	65	425240.00	6622720.00	361.57	12/03/2012	Carrick
KUAC183	AC	61	425320.00	6622720.00	362.00	12/03/2012	Carrick
KUAC184	AC	58	425400.00	6622720.00	362.53	12/03/2012	Carrick
KUAC185	AC	57	425480.00	6622720.00	363.37	12/03/2012	Carrick
KUAC189	AC	81	425000.00	6622560.00	360.06	14/03/2012	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
KUAC190	AC	51	425080.00	6622560.00	360.60	15/03/2012	Carrick
KUAC191	AC	57	425160.00	6622560.00	361.16	15/03/2012	Carrick
KUAC192	AC	47	425240.00	6622560.00	361.71	15/03/2012	Carrick
KUAC193	AC	68	425320.00	6622560.00	362.10	15/03/2012	Carrick
KUAC194	AC	60	425400.00	6622560.00	362.78	16/03/2012	Carrick
KUAC195	AC	68	425480.00	6622560.00	363.50	16/03/2012	Carrick
KUAC286	AC	73	425281.00	6623696.00	362.76	13/04/2012	Carrick
KUAC287	AC	60	425360.00	6623680.00	363.18	13/04/2012	Carrick
KUAC288	AC	72	425520.00	6623680.00	364.33	14/04/2012	Carrick
KUAC289	AC	55	425600.00	6623680.00	365.16	14/04/2012	Carrick
KUAC290	AC	69	425440.00	6623840.00	364.00	14/04/2012	Carrick
KUAC291	AC	58	425520.00	6623840.00	364.38	14/04/2012	Carrick
KUAC292	AC	75	425440.00	6624000.00	364.00	14/04/2012	Carrick
KUAC293	AC	62	425520.00	6624000.00	364.10	15/04/2012	Carrick
KUAC294	AC	57	425600.00	6624000.00	364.79	15/04/2012	Carrick
KUAC340	AC	59	425040.00	6623360.00	362.00	23/04/2012	Carrick
KUAC341	AC	68	425120.00	6623360.00	362.00	23/04/2012	Carrick
KUAC342	AC	105	425200.00	6623360.00	362.05	24/04/2012	Carrick
KUAC343	AC	48	425280.00	6623360.00	362.78	24/04/2012	Carrick
KURC001	RC	178	425602.06	6623207.60	366.49	28/11/2000	ANGLOGOLD
KURC002	RC	160	425637.06	6623157.60	366.84	28/11/2000	ANGLOGOLD
KURC003	RC	214	425697.06	6623157.60	367.99	28/11/2000	ANGLOGOLD
KURC004	RC	260	425707.06	6623257.60	368.67	28/11/2000	ANGLOGOLD
KURC005	RC	202	425637.06	6623257.60	367.25	28/11/2000	ANGLOGOLD
SLRC04	RC	76	425968.57	6623207.67	372.00	1/07/1997	KurnGold
SLRC05	RC	58	425992.17	6623207.67	372.14	1/07/1997	KurnGold
SLRC06	RC	76	425938.16	6623247.67	372.00	1/07/1997	KurnGold
SLRC07	RC	60	425963.06	6623247.67	372.00	1/07/1997	KurnGold
SLRC08	RC	62	425987.96	6623247.67	372.00	1/07/1997	KurnGold
SLRC09	RC	82	425937.88	6623287.67	372.00	1/07/1997	KurnGold
SLRC10	RC	95	425977.20	6623287.67	372.00	1/07/1997	KurnGold
SLRC11	RC	76	425878.14	6623207.67	372.00	1/07/1997	KurnGold
SLRC12	RC	88	425897.04	6623317.67	371.58	1/07/1997	KurnGold
SLRC13	RC	94	425857.93	6623287.67	371.58	1/07/1997	KurnGold
SLRC14	RC	52	425938.16	6623247.67	372.00	1/07/1997	KurnGold
SRD01	DDH	361	425572.87	6623224.24	365.68	8/06/2007	Carrick
SRD02	DDH	354	425798.35	6623039.59	367.88	11/12/2009	Carrick
SRD03	DDH	318	425770.04	6623120.96	368.47	9/11/2009	Carrick
SRD04	DDH	243	425600.79	6622979.75	365.33	29/10/2009	Carrick
SRD05	DDH	612	425780.08	6623120.33	368.50	23/07/2009	Carrick
SRD06	DDH	202	425639.11	6623038.37	365.87	11/07/2009	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
SRD07	DDH	219	425638.91	6623116.52	366.31	11/07/2009	Carrick
SRD08	DDH	225	425585.00	6623240.00	367.00	6/04/2010	Carrick
SRRC006	RC	100	425484.46	6623107.02	364.35	12/05/2006	Shannon
SRRC007	RC	100	425485.00	6623166.20	364.51	12/05/2006	Shannon
SRRC009	RC	50	425485.22	6623119.60	364.27	1/09/2006	Shannon
SRRC010	RC	50	425485.88	6623139.55	364.28	1/09/2006	Shannon
SRRC011	RC	60	425485.84	6623159.96	364.41	1/09/2006	Shannon
SRRC012	RC	70	425485.89	6623180.56	364.52	7/09/2006	Shannon
SRRC013	RC	80	425485.94	6623198.74	364.54	7/09/2006	Shannon
SRRC014	RC	90	425485.77	6623220.31	364.61	8/09/2006	Shannon
SRRC015	RC	100	425486.03	6623239.93	364.57	8/09/2006	Shannon
SRRC016	RC	50	425485.90	6623080.10	364.11	8/09/2006	Shannon
SRRC017	RC	50	425485.96	6623099.57	364.23	8/09/2006	Shannon
SRRC018	RC	50	425473.26	6623129.99	364.19	8/09/2006	Shannon
SRRC019	RC	60	425472.59	6623150.01	364.17	8/09/2006	Shannon
SRRC020	RC	70	425469.90	6623169.84	364.21	8/09/2006	Shannon
SRRC021	RC	50	425465.94	6623119.15	364.12	8/09/2006	Shannon
SRRC022	RC	50	425460.90	6623139.76	364.06	8/09/2006	Shannon
SRRC023	RC	70	425466.10	6623159.98	364.22	8/09/2006	Shannon
SRRC024	RC	60	425496.12	6623149.74	366.65	8/09/2006	Shannon
SRRC025	RC	70	425501.40	6623170.78	364.64	8/09/2006	Shannon
SRRC026	RC	100	425472.91	6623190.15	364.39	8/09/2006	Shannon
SRRC027	RC	96	425472.58	6623210.13	364.44	8/09/2006	Shannon
SRRC028	RC	90	425472.72	6623229.92	364.48	8/09/2006	Shannon
SRRC029	RC	168	425594.03	6623160.06	365.83	8/09/2006	Shannon
SRRC030	RC	120	425594.05	6623139.52	365.72	8/09/2006	Shannon
SRRC031	RC	102	425594.31	6623120.06	365.53	8/09/2006	Shannon
SRRC032	RC	100	425594.17	6623099.74	365.49	8/09/2006	Shannon
SRRC033	RC	80	425593.87	6623080.15	365.34	8/09/2006	Shannon
SRRC034	RC	80	425594.00	6623059.92	365.30	8/09/2006	Shannon
SRRC035	RC	200	425485.61	6623234.77	364.66	12/09/2006	Shannon
SRRC036	RC	200	425549.94	6623170.15	365.36	12/09/2006	Shannon
SRRC037	RC	80	425390.05	6623000.12	362.88	15/09/2006	Shannon
SRRC038	RC	80	425395.08	6623040.24	363.11	15/09/2006	Shannon
SRRC039	RC	100	425389.42	6623080.21	363.15	15/09/2006	Shannon
SRRC040	RC	200	425472.30	6623244.64	364.53	15/09/2006	Shannon
SRRC041	RC	100	425420.40	6623370.61	364.14	15/09/2006	Shannon
SRRC042	RC	100	425460.52	6623378.07	364.67	15/09/2006	Shannon
SRRC043	RC	100	425500.90	6623380.76	365.12	15/09/2006	Shannon
SRRC044	RC	100	425530.70	6623381.01	365.55	15/09/2006	Shannon
SRRC045	RC	50	425509.02	6623142.59	366.88	15/09/2006	Shannon

Hole ID	type	Depth	East	North	RL	Date	Company
SRRC046	RC	50	425510.24	6623163.72	364.73	18/09/2006	Shannon
SRRC047	RC	50	425511.09	6623183.34	364.76	18/09/2006	Shannon
SRRC048	RC	50	425500.47	6623190.94	364.68	18/09/2006	Shannon
SRRC049	RC	140	425540.82	6623035.46	364.52	18/09/2006	Shannon
SRRC064	RC	100	425959.96	6623160.36	372.44	21/02/2007	Carrick
SRRC065	RC	100	425959.66	6623200.25	372.84	21/02/2007	Shannon
SRRC066	RC	100	425959.96	6623240.49	373.14	21/02/2007	Shannon
SRRC067	RC	200	425959.92	6623280.16	372.72	22/02/2007	Shannon
SRRC068	RC	138	425619.91	6623159.85	366.29	22/02/2007	Shannon
SRRC069	RC	96	425619.84	6623139.55	366.09	22/02/2007	Shannon
SRRC070	RC	96	425619.90	6623120.51	366.04	22/02/2007	Shannon
SRRC071	RC	170	425594.00	6623150.55	365.61	26/02/2007	Shannon
SRRC072	RC	140	425593.89	6623170.22	365.83	26/02/2007	Shannon
SRRC073	RC	130	425593.90	6623180.44	366.04	2/03/2007	Shannon
SRRC074	RC	120	425578.13	6623157.84	365.75	2/03/2007	Shannon
SRRC075	RC	120	425578.94	6623180.07	365.89	2/03/2007	Shannon
SRRC076	RC	120	425579.91	6623199.79	365.89	2/03/2007	Shannon
SRRC077	RC	120	425571.03	6623230.93	365.77	6/03/2007	Shannon
SRRC078	RC	120	425571.72	6623248.25	365.73	6/03/2007	Shannon
SRRC079	RC	120	425609.73	6623039.66	365.51	7/03/2007	Shannon
SRRC080	RC	120	425609.37	6623060.45	365.42	7/03/2007	Shannon
SRRC081	RC	96	425609.41	6623080.51	365.44	11/03/2007	Shannon
SRRC081A	RC	120	425609.45	6623083.80	365.61	16/03/2007	Shannon
SRRC085	RC	120	425569.30	6623209.54	365.63	16/03/2007	Shannon
SRRC109	RC	60	425512.33	6623552.19	364.38	2/05/2007	Shannon
SRRC110	RC	60	425493.43	6623539.49	364.26	2/05/2007	Shannon
SRRC111	RC	60	425466.59	6623546.76	363.99	2/05/2007	Shannon
SRRC112	RC	145	425582.94	6623259.08	365.90	12/07/2007	Carrick
SRRC113	RC	193	425581.67	6623285.68	366.07	26/07/2007	Carrick
SRRC114	RC	174	425476.85	6623281.70	364.60	26/07/2007	Carrick
SRRC115	RC	200	425582.09	6623266.75	365.98	26/07/2007	Carrick
SRRC116	RC	132	425517.79	6623245.73	365.08	26/07/2007	Carrick
SRRC117	RC	120	425497.08	6623245.56	364.88	30/07/2007	Carrick
SRRC118	RC	234	425491.09	6623236.52	364.75	1/09/2007	Carrick
SRRC119	RC	222	425469.56	6623237.33	364.54	1/09/2007	Carrick
SRRC120	RC	220	425414.36	6623236.68	363.68	1/09/2007	Carrick
SRRC121	RC	150	425391.73	6623237.21	363.35	1/09/2007	Carrick
SRRC122	RC	180	425571.56	6623235.27	365.75	8/09/2007	Carrick
SRRC123	RC	192	425461.56	6623315.07	364.45	8/09/2007	Carrick
SRRC124	RC	120	425350.43	6623315.91	362.90	8/09/2007	Carrick
SRRC125	RC	300	425420.10	6623395.81	364.11	8/09/2007	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
SRRC126	RC	200	425285.46	6623396.16	362.30	8/09/2007	Carrick
SRRC127	RC	156	425574.97	6623159.68	365.59	28/09/2007	Carrick
SRRC128	RC	132	425614.38	6623039.53	365.39	28/09/2007	Carrick
SRRC129	RC	160	425589.47	6623039.91	365.17	4/10/2007	Carrick
SRRC130	RC	210	425589.59	6623080.37	365.23	4/10/2007	Carrick
SRRC131	RC	150	425609.14	6623080.72	365.62	4/10/2007	Carrick
SRRC132	RC	168	425609.20	6623119.52	365.81	4/10/2007	Carrick
SRRC133	RC	202	425588.86	6623120.15	365.47	4/10/2007	Carrick
SRRC134	RC	210	425609.65	6623159.39	366.17	24/11/2007	Carrick
SRRC135	RC	180	425595.36	6623200.19	366.19	24/11/2007	Carrick
SRRC136	RC	174	425564.41	6623200.49	365.69	24/11/2007	Carrick
SRRC137	RC	186	425572.84	6623240.30	365.74	23/10/2007	Carrick
SRRC138	RC	180	425550.49	6623240.39	365.37	1/11/2007	Carrick
SRRC139	RC	60	425587.80	6623080.20	365.34	1/11/2007	Carrick
SRRC140	RC	18	425518.97	6623319.89	365.31	1/11/2007	Carrick
SRRC141	RC	206	425521.22	6623319.81	365.23	1/11/2007	Carrick
SRRC142	RC	180	425539.43	6623319.43	365.35	1/11/2007	Carrick
SRRC143	RC	180	425479.60	6623400.30	364.93	7/11/2007	Carrick
SRRC144	RC	216	425499.95	6623400.26	365.13	11/11/2007	Carrick
SRRC145	RC	162	425430.02	6623439.89	364.08	11/11/2007	Carrick
SRRC146	RC	150	425420.41	6623479.82	363.68	24/11/2007	Carrick
SRRC147	RC	150	425400.04	6623559.72	363.25	24/11/2007	Carrick
SRRC148	RC	138	425539.46	6623319.43	365.29	24/11/2007	Carrick
SRRC149	RC	150	425551.39	6623000.51	364.87	8/12/2007	Carrick
SRRC150	RC	190	425559.52	6623279.41	365.83	8/12/2007	Carrick
SRRC151	RC	160	425600.64	6623159.70	366.15	8/12/2007	Carrick
SRRC152	RC	160	425574.09	6623199.66	365.74	8/12/2007	Carrick
SRRC153	RC	144	425522.56	6623360.52	365.51	8/12/2007	Carrick
SRRC154	RC	150	425620.53	6622999.89	365.56	8/12/2007	Carrick
SRRC155	RC	120	425604.56	6623000.46	365.37	8/12/2007	Carrick
SRRC156	RC	180	425612.82	6623049.72	365.53	8/12/2007	Carrick
SRRC157	RC	180	425509.89	6623399.16	365.37	8/12/2007	Carrick
SRRC158	RC	200	425489.25	6623440.23	364.95	15/12/2007	Carrick
SRRC159	RC	180	425568.40	6623289.15	366.02	8/12/2007	Carrick
SRRC160	RC	126	425399.28	6623639.60	363.31	8/12/2007	Carrick
SRRC161	RC	126	425399.79	6623719.96	363.31	8/12/2007	Carrick
SRRC162	RC	150	425537.24	6623368.32	365.48	15/12/2007	Carrick
SRRC163	RC	174	425490.47	6623480.02	364.74	15/12/2007	Carrick
SRRC164	RC	160	425552.70	6623329.91	365.95	15/12/2007	Carrick
SRRC165	RC	150	425511.54	6623407.14	365.31	15/12/2007	Carrick
SRRC166	RC	160	425474.06	6623560.47	363.89	15/12/2007	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
SRRC167	RC	186	425498.33	6623450.32	364.91	15/12/2007	Carrick
SRRC168	RC	180	425469.09	6623640.16	363.89	17/12/2007	Carrick
SRRC169	RC	180	425490.04	6623498.45	364.53	25/02/2008	Carrick
SRRC170	RC	150	425483.07	6623517.43	364.38	25/02/2008	Carrick
SRRC171	RC	150	425474.57	6623580.66	364.04	25/02/2008	Carrick
SRRC172	RC	90	425537.44	6623280.21	365.67	19/01/2008	Carrick
SRRC173	RC	120	425507.64	6623480.55	364.81	13/02/2008	Carrick
SRRC174	RC	120	425501.32	6623503.59	364.55	19/02/2008	Carrick
SRRC175	RC	120	425473.36	6623503.95	364.28	25/02/2008	Carrick
SRRC176	RC	168	425458.89	6623519.80	363.87	25/02/2008	Carrick
SRRC177	RC	120	425509.47	6623519.35	364.43	3/02/2008	Carrick
SRRC178	RC	138	425481.45	6623554.08	364.00	3/02/2008	Carrick
SRRC179	RC	150	425619.23	6623025.75	365.50	3/02/2008	Carrick
SRRC180	RC	140	425453.61	6623579.65	363.59	3/02/2008	Carrick
SRRC181	RC	108	425449.98	6623603.42	363.60	3/02/2008	Carrick
SRRC188	RC	160	425579.29	6622999.73	364.95	15/08/2008	Carrick
SRRC189	RC	160	425577.56	6623023.04	365.12	15/08/2008	Carrick
SRRC190	RC	180	425576.96	6623037.32	365.03	2/08/2008	Carrick
SRRC191	RC	170	425573.81	6623059.53	365.17	15/08/2008	Carrick
SRRC192	RC	120	425570.88	6622959.71	364.98	15/08/2008	Carrick
SRRC192A	RC	200	425577.82	6622959.20	365.01	15/08/2008	Carrick
SRRC193	RC	120	425500.76	6622959.93	364.20	15/08/2008	Carrick
SRRC194	RC	162	425577.52	6623049.69	365.19	15/08/2008	Carrick
SRRC195	RC	200	425563.72	6623102.58	365.20	15/08/2008	Carrick
SRRC196	RC	150	425467.37	6623101.71	364.15	15/08/2008	Carrick
SRRC197	RC	120	425589.79	6623120.82	365.77	15/08/2008	Carrick
SRRC198	RC	200	425566.84	6623119.79	365.29	15/08/2008	Carrick
SRRC199	RC	150	425449.82	6623119.38	363.95	28/08/2008	Carrick
SRRC200	RC	180	425566.44	6623137.86	365.14	28/08/2008	Carrick
SRRC201	RC	180	425445.67	6623140.82	363.87	28/08/2008	Carrick
SRRC202	RC	200	425549.11	6623160.34	365.36	28/08/2008	Carrick
SRRC203	RC	150	425455.19	6623157.62	364.22	28/08/2008	Carrick
SRRC204	RC	200	425540.81	6623179.81	365.30	28/08/2008	Carrick
SRRC205	RC	186	425617.88	6623183.69	366.46	28/08/2008	Carrick
SRRC224	RC	80	425620.04	6622948.83	365.37	7/10/2009	Carrick
SRRC225	RC	110	425630.75	6622949.06	365.52	7/10/2009	Carrick
SRRC226	RC	70	425620.93	6622898.87	365.05	7/10/2009	Carrick
SRRC227	RC	120	425641.90	6622903.03	365.35	7/10/2009	Carrick
SRRC228	RC	55	425623.72	6622848.95	364.81	7/10/2009	Carrick
SRRC229	RC	90	425636.65	6622848.83	364.86	7/10/2009	Carrick
SRRC230	RC	120	425649.13	6622848.88	365.03	7/10/2009	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
SRRC231	RC	70	425640.88	6622798.50	364.64	7/10/2009	Carrick
SRRC232	RC	100	425650.81	6622798.17	364.80	7/10/2009	Carrick
SRRC233	RC	144	425590.51	6623248.83	365.79	7/10/2009	Carrick
SRRC234	RC	220	425579.05	6623323.13	366.08	7/10/2009	Carrick
SRRC235	RC	50	425618.43	6622975.58	365.40	7/10/2009	Carrick
SRRC236	RC	100	425646.06	6622975.57	365.78	7/10/2009	Carrick
SRRC237	RC	120	425639.69	6622903.55	365.33	7/10/2009	Carrick
SRRC238	RC	120	425653.45	6622848.76	365.09	7/10/2009	Carrick
SRRC239	RC	50	425666.57	6622797.79	364.97	7/10/2009	Carrick
SRRC240	RC	120	425668.34	6622797.74	365.15	7/10/2009	Carrick
SRRC241	RC	50	425680.16	6622744.61	365.15	7/10/2009	Carrick
SRRC242	RC	90	425702.78	6622747.29	365.51	7/10/2009	Carrick
SRRC243	RC	120	425722.36	6622749.00	365.86	7/10/2009	Carrick
SRRC244	RC	60	425696.46	6622698.40	365.43	7/10/2009	Carrick
SRRC245	RC	100	425716.15	6622698.28	365.82	7/10/2009	Carrick
SRRC246	RC	60	425706.01	6622648.24	365.71	7/10/2009	Carrick
SRRC247	RC	100	425726.81	6622646.89	365.94	7/10/2009	Carrick
SRRC252	RC	30	425749.50	6622648.02	366.12	7/10/2009	Carrick
SRRC253	RC	30	425769.89	6622647.71	366.65	7/10/2009	Carrick
SRRC253B	RC	70	425769.39	6622646.49	366.58	1/09/2009	Carrick
SRRC254	RC	30	425788.52	6622647.56	366.92	1/09/2009	Carrick
SRRC254B	RC	100	425788.76	6622646.17	366.95	11/09/2009	Carrick
SRRC255	RC	80	425809.01	6622647.70	367.19	1/09/2009	Carrick
SRRC256	RC	20	425421.32	6623080.50	363.58	11/09/2009	Carrick
SRRC257	RC	20	425458.61	6623080.36	363.84	1/09/2009	Carrick
SRRC258	RC	50	425498.98	6623079.89	364.38	2/09/2009	Carrick
SRRC259	RC	20	425421.69	6623060.92	363.40	3/09/2009	Carrick
SRRC260	RC	20	425459.34	6623058.61	363.80	3/09/2009	Carrick
SRRC261	RC	50	425499.73	6623058.75	364.24	2/09/2009	Carrick
SRRC262	RC	20	425421.41	6623040.24	363.37	2/09/2009	Carrick
SRRC263	RC	20	425457.79	6623039.34	363.75	3/09/2009	Carrick
SRRC264	RC	40	425499.99	6623039.48	364.19	2/09/2009	Carrick
SRRC265	RC	20	425421.43	6623018.66	363.28	2/09/2009	Carrick
SRRC266	RC	20	425458.39	6623019.52	363.63	3/09/2009	Carrick
SRRC267	RC	50	425500.56	6623020.34	364.12	2/09/2009	Carrick
SRRC268	RC	20	425419.48	6622999.34	363.29	2/09/2009	Carrick
SRRC269	RC	20	425460.20	6623000.26	363.68	3/09/2009	Carrick
SRRC270	RC	25	425499.11	6623000.14	364.05	2/09/2009	Carrick
SRRC271	RC	50	425518.22	6622999.78	364.28	2/09/2009	Carrick
SRRC272	RC	50	425513.50	6622976.23	364.09	31/08/2009	Carrick
SRRC273	RC	110	425530.89	6622976.04	364.37	31/08/2009	Carrick

Hole ID	type	Depth	East	North	RL	Date	Company
SRRC278	RC	96	425539.64	6622999.61	364.52	15/09/2009	Carrick
SRRC278B	RC	95	425539.35	6623001.04	364.58	16/09/2009	Carrick
SRRC279	RC	65	425538.86	6623020.55	364.48	30/10/2009	Carrick
SRRC280	RC	65	425539.53	6623035.77	364.68	12/11/2009	Carrick
SRRC281	RC	80	425540.17	6623056.53	364.61	3/11/2009	Carrick
SRRC282	RC	80	425540.54	6623079.76	364.73	3/11/2009	Carrick
SRRC283	RC	126	425558.67	6622999.54	364.61	4/11/2009	Carrick
SRRC283B	RC	126	425558.45	6623000.84	364.73	4/11/2009	Carrick
SRRC284	RC	90	425559.20	6623020.40	364.85	30/10/2009	Carrick
SRRC285	RC	90	425559.83	6623035.64	364.80	12/11/2009	Carrick
SRRC286	RC	100	425560.26	6623057.76	364.77	4/11/2009	Carrick
SRRC287	RC	100	425560.09	6623076.70	364.94	3/11/2009	Carrick
SRRC290	RC	264	425669.80	6623038.34	366.17	11/11/2009	Carrick
SRRC291	RC	60	425382.96	6623001.26	363.04	1/09/2009	Carrick
SRRC292	RC	60	425401.83	6623001.15	363.17	1/09/2009	Carrick
SRRC293	RC	20	425418.18	6622981.71	363.14	1/09/2009	Carrick
SRRC294	RC	20	425457.89	6622991.70	363.73	1/09/2009	Carrick
SRRC295	RC	20	425498.70	6622980.80	363.95	1/09/2009	Carrick
SRRC296	RC	60	425477.37	6622749.18	363.24	1/09/2009	Carrick
SRRC297	RC	60	425469.40	6622727.85	363.09	1/02/2011	Carrick
SRRC298	RC	60	425475.38	6622708.93	363.22	1/02/2011	Carrick
SRRC299	RC	60	425604.69	6622747.03	364.27	1/02/2011	Carrick
SRRC300	RC	60	425596.05	6622728.76	364.23	1/02/2011	Carrick
SRRC301	RC	60	425594.28	6622706.60	364.42	1/02/2011	Carrick
TDD001	DDH	246	425696.20	6623047.28	366.86	19/04/1999	North
TDD002	DDH	183	425550.08	6622882.67	364.36	1/01/2000	North

## JORC Code 2012 Edition - Table 1

# Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Part	Criteria	Explanation	Comment
1-1	Sampling Techniques	Nature and quality of sampling (eg cut channels, random chips, or specialised industry standard measurement tools appropriate to the minerals under investigation, such as down-hole gamma sondes, or handheld XRF instruments etc). These examples should not be taken as limiting the broad meaning of sampling.	The deposit was sampled from Reverse Circulation (RC) and Diamond (DDH) drill holes on nominal 20m x 20m spacing and RC collared diamond tails (RD) in selected locations. A total of 511RC (56044m), and 27 RD (6463m DDH) holes were completed, of which the majority (80%) were by KalNorth.  All drill holes were drilled to optimally intercept the mineralised zones. No other sampling techniques were employed.  Sampling quality is discussed in subsequent sections of Table 1.  Cone or Riffle split samples from reverse circulation drilling are the primary method of sample collection to support the resource estimation.  Half core (sawn) sampling of NQ sized diamond drill holes has also been conducted.  Drilling and sampling were undertaken in many different campaigns using a variety of drill rigs and
		Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.  Aspects of the determination of	equipment over several decades.  For many of the historic drilling campaigns no or limited QAQC measures were taken. For drilling campaigns by KalNorth, certified reference material samples were inserted into assay batches to check accuracy of assaying. Field duplicates from an alternative aperture in the cone splitter or riffle splits were taken to assess sample collection precision. Sampling during 2011-2015 was carried out under KalNorth Gold Mine Limited (KalNorth) protocols and QAQC procedures as per industry best practice.  Samples collected at 1m interval – For the majority of drill holes the entire length was sampled and
		mineralisation that are Material to the Public Report.	assayed.

Part	Criteria	Explanation	Comment
	Drilling Techniques	Drill type (eg core, reverse circulation, open- hole hammer, rotary air blast, auger,	RC drill holes account for 90% (by drilled metres) of the data used in the resource estimate. The RC precollared diamond drilling accounts for 10% of the total drill metres.
		Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of	Historic Drilling- RC drilling completed by Kurnalpi Gold, North Ltd, Anglo gold and Newcrest during 1996-2004 account for 7132m or 13% of RC drill metres.
		diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	KalNorth Drilling-Main period of RC drilling 2006-2009 completed by Redmond Drilling using riffle splitter and then 2011-2015 completed by Raglan Drilling using cone splitter. Majority of diamond drilling completed by KalNorth in 2011.
			Reverse Circulation drilling was used for majority of the resource estimation. Holes/metres.  Drilling undertaken by Raglan Drilling using a custom built Reverse Circulation drill rig mounted on a 6 x 6 truck. Specifications of the rig are hole diameter 4¾" (120mm), Sullair 1150cfm x 350psi compressor, cyclone mounted on swinging arm and a Hurricane 636-41B 1400 cfm x 700psi booster which was not generally required
			Limited diamond drilling (NQ) has been used. Core holes drilled in the period 2011-2015 period were orientated.
			Air Core (AC) and rotary air blast (RAB) were used for geological reconnaissance and to help define the interpretation but were not used for grade estimation
1-2	Drill Sample Recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Pre KalNorth RC and diamond drilling –recoveries are unknown.  KalNorth RC Drilling- Sample weights of the bags were checked in the field by the logging geologist and light samples which might indicate core loss were noted in the log. Most of the samples recovered from the RC drilling were dry. Consistent sample bag weights were obtained for the vast majority of RC samples. Diamond tails were completed on RC holes which were terminated due to high water flows.  KalNorth Diamond Drilling- Core recoveries were ≥98% with no core loss issues. Core block measurements checked, validated and recoveries recorded. Majority of holes drilled to test
			primary (fresh) zone. Three PQ sized triple tube Metallurgical holes drilled in 2012 targeted oxide, laterite and transition zone with good recoveries.
		Measures taken to maximise sample recovery and ensure representative nature of the samples.	KalNorth ensured geologist and field assistant on site at all times during the RC drill program to ensure sample recovery is maintained at a high level and that sample collection is high quality to minimise contamination. These efforts can include slowing down the drilling and cleaning cyclone

Part	Criteria	Explanation	Comment
			between changing drill rods.
		Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	The resource is defined mainly by RC and DDH drilling completed in 2011-2015, which had recorded good sample recoveries. The style of mineralisation and the consistency of the mineralised intervals are considered to preclude any issue of sample bias due to material loss or gain.
1-3	Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	A geologist was logging and monitoring sample recoveries at the rig for all RC drilling during the 2011-2015 period. For these drill programs quality digital geological logs were captured and loaded in a database (Datashed) along with survey, assay and QAQC data. For RC drilling pre 2011 the rig geologist recorded geological information to paper logs with data subsequently entered to a digital format (excel). Chip tray samples were collected for all RC drilling and virtually all holes post 2004 have been retained and securely stored by the company. DDH logs included lithological, structural, recovery, geotechnical (RDQ, number of fractures and weathering). Diamond core drilled in 2011-2015 was logged in detail on paper logs both long hand and code, and then transcribed to the database.
		Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Logging of the RC or diamond samples recorded lithology, structure, mineralisation, colour and other features of the sample. Core was photographed in wet and dry form.
		The total length and percentage of the relevant intersections logged.	All the core and percussion drilling intervals had been logged in full.
1-4	Sub-Sampling Techniques and Sample Preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	Core samples were cut in half with diamond saw.
		If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	For many of the historic drilling campaigns no or limited QAQC measures were taken. For drilling campaigns by KalNorth, Cone splitting on the sample collection cyclone for recent RC drilling.  Earlier drilling programs used riffle splitting of the cuttings.
		For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Pre 2004 – samples analysed by fire assay with information retrieved from open file reports some of which lack detailed documentation.  KalNorth - used NATA accredited commercial laboratories (KalAssay and Genalysis in both Perth

Part	Criteria	Explanation	Comment
			and Kalgoorlie) where sample preparation follows industry best practice sample preparation involving oven drying, followed by a automated coarse crushing of the samples followed by pulverising of the entire sample grinding size of 90% passing 160 micron.  The sample preparation for the diamond is identical.
		Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Pre KalNorth – No documentation available.  KalNorth – Strict Field QC procedures developed in 2011 and involve the use of certified reference material (CRM) as assay standards, along with field duplicates at a insertion rate of these average 1:20 for both CRM and duplicates (alternating between mid-way between CRMs). Laboratory undertook sizing checks of samples prepared.
		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.	For many of the historic drilling campaigns no or limited QAQC measures were taken. For drilling campaigns by KalNorth (2011-2015), Field duplicates collected for RC sample intervals. Little bias in sampling was observed. A large proportion of duplicates were greater than +-10% difference between original and duplicate samples indicating poor sample precision.
		Whether sample sizes are appropriate to the grain size of the material being sampled.	No evidence of coarse gold in core or RC drill chips—lack of high grade values.
1-5	Quality of Assay Data and Laboratory Tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	KalNorth (2004-2015) used NATA accredited commercial laboratories (KalAssay and Bureau Veritas) which follow industry best practice. Au was analysed by Fire Assays (50g charge). Detailed documentation lacking for pre KalNorth RC and Diamond drill holes.
		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.	No geophysical or spectral tools were used.
		Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and	For many of the historic drilling campaigns (pre 2004) no or limited QAQC measures were taken. For drilling campaigns by KalNorth (2011-2015), Certified reference material standards and blanks were routinely submitted with the sample batches submitted for assay.

Part	Criteria	Explanation	Comment
		precision have been established.	
1-6	Verification of Sampling and Assaying	The verification of significant intersections by independent or alternative company personnel.	Significant gold intersections were visually validated-checked by the Exploration Manager during the 2011-2015 drill campaigns to determine the consistency of assays recorded versus geology, to ensure that the assays had supporting geological evidence. Mineralised intervals correlate with zones of alteration and quartz veining.
		The use of twinned holes.	No twinned drill hole have been used.
		Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	2011-2015 Drilling- Geological and sampling information captured was recorded in the field on Panasonic tough books using Logchief software and the company's geological legend. This data was then sent to the data base administrator and imported to Datashed. All validation, auditing of the geologists recorded data was undertaken by the database administrator.
		Discuss any adjustment to assay data.	No assay adjustment was applied
1-7	Location of Data Points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource	The collars of the KalNorth drill holes where surveyed by Timble R6, base receiver and rover equipment using the Real Time Kinematic method (RTK). The equipment was calibrated using several existing state survey control points. The excepted accuracy for the RTK method are ±0.03m in the horizontal and ±0.05m in the vertical relative to the survey control used. The surveying was undertaken by contractor Kingston Surveys.
		estimation.	The Pre 2011 RC drill holes only have a planned downhole survey. KalNorth located and re-entered all the drill hole that the company could find and resurveyed the drill hole with a gyro downhole camera. The remaining drill hole (KalNorth didn't find) still has a planned downhole survey.
			Ravensgate checked the collar position RLs against the original topographic surface. No adjustments were required.
		Specification of the grid system used.	The grid system used at the project area is MGA_GDA94, Zone 51. All data is recorded using Easting and Northing and AHD.
		Quality and adequacy of topographic control.	Topography is derived from 1m contours derived from surveyed RC holes. Topography in the area is of very low relief.
1-8	Data Spacing and Distribution	Data spacing for reporting of Exploration Results.	Drill holes are arranged on a regular grid with 20x20m or 40x20m spacing in the main part of the mineral resource.

Part	Criteria	Explanation	Comment
		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.	Continuity of the mineralised dolerite units is well defined by the current drill spacing.  Variogram ranges exceed the drill spacing but short range variogram structures show local Au grade variability at the drill spacing is high.
		Whether sample compositing has been applied.	Compositing of samples was conducted at one metre down hole interval. This length is the dominant drill sample interval.
1-9	Orientation of Data in Relation to Geological Structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	Overall geological units are steep to vertical. The majority of holes are inclined to the west and cross the units. Hole intercepts are not true widths of the units.  Veining associated with the mineralisation observed in oriented core has a shallow dip to the west.  Some holes inclined to the east confirm the interpretation from the west inclined holes.
		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.	Drilling cross cuts mineralised veins at a reasonably high angle to give representative samples. Drill intervals are not true thickness.
1-10	Sample Security	The measures taken to ensure sample security.	KalNorth Drilling 2004-2015—Samples collected in the field and delivered by company personal to the Laboratory in Kalgoorlie. Half drill core is retained at the company's Kalgoorlie Yard
1-11	Audits or Reviews	The results of any audits or reviews of sampling techniques and data.	Comparison of drilling campaigns was conducted during 2012 resource modelling and indicated little or no bias between recent drilling programs. Data was not sufficient to make any conclusions on older (pre2011) drilling data.

# Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Part	Criteria	Explanation	Comment
2-1	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 KURNALPI PROJECT is located approximately 90 km east of Kalgoorlie, Western Australia and is part of a large package of contiguous wholly owned tenements. The work described in this report was undertaken on Mining Lease 28/374 and M28/92 held 100% by KalNorth Gold Mines Limited. The company signed a mining agreement in December 2012 with the Central East Native Title group.  The tenement is current and in good standing. Heritage and Flora-Fauna surveys have been completed over the tenements.  Tenement M28/374 has total 2% royalty on gold produced divided amongst 4 separate parties KalNorth holds granted tenements that surround and are contiguous with the two resource 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.	These tenements are in good standing and KalNorth is unaware of any impediments for exploration on these leases.
2-2	Exploration Done by Other Parties	Acknowledgment and appraisal of exploration by other parties.	Surface cover obscured the deposit from historical prospecting in the area. Modern exploration has been completed at Brilliant by KalNorth Gold Mines Limited since 2009 and has estimated a JORC 2004 Compliant resource of 3.9Mt grading 1.2gpt Au.
			Kurnalpi Gold NL undertook exploration at Brilliant during the late 1990's who made the initial discovery. The prospect was then explored in short periods by North Limited, Anglo gold, Newcrest and Western Resources Pty Ltd. KalNorth acquired the Brilliant project in the acquisition of Shannon Resources Ltd in 2007.
			KalNorth was formally known as Carrick Gold Limited and changed its name in November 2012.
2-3	Geology	Deposit type, geological setting and style of mineralisation.	The local geology mainly consists of basaltic flows with several komatiitic, peridotite flows interbedded with Archaean sedimentary rocks such as sandstone, siltstone and chert which is intruded by granitoid rock and dolerite sills.
			The Brilliant deposit is localised on the north-northwest Brilliant shear zone which is a control for the gold mineralisation throughout the local area. The central eastern portion of the Kurnalpi

Part	Criteria	Explanation	Comment
			project is characterised by moderate outcrop to sub-crop which form low lying ultramafic and basaltic hills. Several low lying lateritic hills are present throughout the Kurnalpi project.
			The weathering profile can be up to 80m deep and is overlayed by a lateritic ferriferous capping ranging from 1m to 5m thick. Recent sheet wash sediments associated by the drainage system trending to the southwest.
			There are two types of mineralisation - supergene enriched and primary. Au is associated with quartz veining and alteration hosted in dolerite intrusions.
2-4	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 collar;  • Dip and azimuth of the hole;  • Down hole length and interception depth;  • Hole length  If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract for the understanding of the report, the Competent Person should clearly explain why this is the case.	Drill hole list given in Appendix A of this report.
2-5	Data Aggregation Methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material	Exploration results are not being reported

Part	Criteria	Explanation	Comment
		and should be stated.	
		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.	No data aggregation used.
		The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents are used.
2-6	Relationship Between Mineralisation Widths and Intercept Lengths	These relationships are particularly important in the reporting of Exploration Results.	Drill intercepts are not reported.
		If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	Downhole intervals are at low angle to the mineralised domain and do not represent the true thickness. However, this has been taken into account in the resource estimation process.
		If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	Drill intercepts are not reported.
2-7	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.	Included in the body of this report.
2-8	Balanced Reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high	Exploration results are not being reported.

Part	Criteria	Explanation	Comment
		grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	
2-9	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.	Bulk density measurements using an immersion method were conducted on 173 samples of drill core.  No geotechnical study has been conducted.  Two metallurgical samples from diamond core have been tested by Amdel Laboratories in Kalgoorlie and indicate recoveries of 92% and 98%.  Bottle roll cyanide leach tests conducted by Carrick to provide metallurgical information for a heap leach operation show poor recovery in the Oxide and Laterite mineralisation. Higher recoveries (60%) were obtained in the fresh rock mineralisation.
2-10	Further Work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out 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.	Further exploration drilling is required to identify extensions to mineralisation to the northwest.

# Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in Section 1, and where relevant in Section 2, also apply to this section.)

Part	Criteria	Explanation	Comment
3-1	Database Integrity	Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.	Validation checks on drill hole data were conducted and included;  Collar location and hole directions.  Overlapping sample intervals.  Sample intervals with no assay data.  Duplicate records.  Assay grade ranges.
		Data validation procedures used.	Ravensgate completed a visual check for missing coordinates, and downhole survey errors.
3-2	Site Visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits. If no site visits have been undertaken indicate why this is the case.	Ravensgate visited site on 1/4/2016. There is no surface expression of the mineralisation with transported cover obscuring much of the area. Drill sites in the vicinity of the eastern lodes had been rehabilitated recently but collar plugs were visible. Drill sites of more recent drilling on the western lode were intact. Sample reject piles were retained in rows near collars and the geological units, weathering profile and zones of mineralisation were easily identified.
3-3	Geological Interpretation	Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.	Interpretation of the weathering profile and the transported material surface is of high confidence.  These zones are clearly visible in drilling and are logged consistently.  The confidence in the mineralised domain modelling would be improved by an interpretation of the dolerite intrusions which host the mineralisation. Inconsistent lithology logging codes have made this task difficult.
		Nature of the data used and of any assumptions made.	No QAQC for older (pre 2011) data is available and it is assumed that it is representative. This data represents a low proportion of data used in the resource estimate.
		The effect, if any, of alternative estimation interpretations on Mineral Resource estimation	Alternative connection of mineralised lodes between holes and section could be effected. A local variation in the location of mineralisation may result, but there would be little impact on global volume.
		The use of geology in guiding and controlling Mineral Resource estimation.	Mineralised lodes are interpreted to follow the observed orientation of the dolerite intrusions.  Mineralised envelopes (wireframes) used for resource estimation used a 0.3 g/t Au envelope with a

Part	Criteria	Explanation	Comment
			minimum downhole length of 2 m and with a maximum internal waste interval of 2 m. Individual lodes were extended half way between sections and extrapolated no more than 20 m past the last drill hole intersection unless indicated up by other sections.
		The factors affecting continuity both of grade and geology.	Orogenic shear hosted gold deposits of this type are well documented, and known to have limited range of continuity in both grade and geology, requiring very close spaced drilling to confirm continuity.
3-4	Dimensions	The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.	The area of mineralisation occurs within a series of mineralised lodes which extend over a 1 km strike length and 150 m width. The mineralisation is extended to depth of around 220 m from surface. The thickness of the individual lodes ranges from less than 1.5 m up to 20 m.
3-5	Estimation and Modelling Techniques	The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.	Grade estimation using ordinary kriging was completed for Au within individual lode domains. Lode boundaries were treated as hard. Search size and orientation was guided by variogram modelling results.  Indicated blocks used a minimum of 8 composites to complete an estimation. Inferred blocks used a minimum of 2 composites.  Top cuts were applied to composite outliers. A cut of 15g/t Au was applied to the flat or supergene lodes and 20g/t Au applied to the steep lodes.  Surpac mining software was used to complete the interpretation and grade estimation.
		The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.	The resource estimate corresponds well with previous resource estimates.
		The assumptions made regarding recovery of by-products.	No recoverable by-products are expected.
		Estimation of deleterious elements or other non-grade variables of economic	No significant deleterious elements have been identified and this is based upon a full suite XRF and ICPMS analysis of RC drill chips from two complete sections drilled in 2011. This is also supported by

Part	Criteria	Explanation	Comment
		significance (eg sulphur for acid mine drainage characterisation).	multielement data reported from the metallurgical work completed and also extensive petrological examination of drill chips. The main sulphide species is Pyrite. Rocks outside the mineralisation appear to have low sulfide content.
		In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.	Estimation block size is 10x10x10m which is approximately half the drill spacing in the well drilled areas of the deposit.  Multiple interpolation runs and search passes were used to obtain the best local estimation where there was high drilling density.  Maximum search ellipse dimensions were:  Indicated 70x45x8m Inferred 140x90x16
		Any assumptions behind modelling of selective mining units.	Minimum downhole width of 2m was used to ensure that narrow zones were not interpreted. No selective unit size was assumed.
		Any assumptions about correlation between variables.	Only Au was estimated.
		Description of how the geological interpretation was used to control the resource estimates.	Estimations were constrained to within interpreted mineralised lodes. Boundaries of the lodes was assumed to be hard with no samples located outside the lode used in the estimation.
		Discussion of basis for using or not using grade cutting or capping.	Some of the lodes contained high grade outliers identified from histograms and probability plots. Top cuts of 15g/t Au for flat lodes and 20g/t Au for vertical lodes were applied during estimation.
		The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.	Modelled grades were compared to drill hole grades in section and plan to confirm that the estimated grades represent the input data.  Global comparison between the estimated grade of each load and raw and declustered composite grades were conducted. Individual lodes with low composite numbers showed greatest variation but overall there was a good global correspondence.  Swath plots were used to compare estimated block and composite grade trends. Estimated grades were smoother than composite grades but showed overall trends in the input data were honoured.

Part	Criteria	Explanation	Comment
3-6	Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	The tonnages are estimated on a dry basis.
3-7	Cut-off Parameters	The basis of the adopted cut-off grade(s) or quality parameters applied.	No cut-off grade analysis has been conducted. The resource was reported at a cut-off grade of 0.5g/t Au.
3-8	Mining Factors or Assumptions	Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution.	Mineralisation greater than 130m below surface has been excluded from the resource. This is based on maximum depth of open pits for similar low grade deposits in the region. The Brilliant deposit grade is highly unlikely to support underground mining.  Preliminary mining optimisation studies have previously been conducted on earlier block models.
3-9	Metallurgical Factors or Assumptions	The basis for assumptions or predictions regarding metallurgical amenability.	Metallurgical test work indicates that Au recovery is high (92-98%) via grinding and cyanide leaching.  Bottle roll leach tests indicate that expected heap leach recovery for fresh rock is reasonable (60%), but poor for oxide and laterite material.
3-10	Environmental Factors or Assumptions	Assumptions made regarding possible waste and process residue disposal options.	A Detailed Flora and Fauna Study was completed by Botanica Surveys in 2012. No impediments to extraction.
3-11	Bulk Density	Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.	Weathering has had the greatest influence on the bulk density of the resource. On this basis the interpreted weathering zones has been used to assigned the following bulk density to the resource blocks  Laterite 2.44 t/m3  Oxide 1.92 t/m3  Transitional 2.36 t/m3  Fresh 2.79 t/m3
		The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within	The resource is located in sound competent rock with low porosity and low voids.  Variation in bulk density with weathering has been used as per above. No moisture has been measured and the bulk density was measured on a dry basis.

Part	Criteria	Explanation	Comment
		the deposit.	
		Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.	There are low numbers of bulk density measurements in the laterite and oxide zones. This reduces the confidence in the values used for these zones.
3-12	Classification	The basis for the classification of the Mineral Resources into varying confidence categories.	The Au estimates have been classified as Indicated and Inferred resources based on geological confidence, the integrity of the data, the spatial continuity of the mineralisation as demonstrated by variography, and the quality of the estimation.
		Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).	The definition of the mineralised zones was relatively consistent from section to section and based on a good level of geological understanding producing a robust model of mineralised domains. The validation of the block model shows relatively good correlation of the input data to the estimated grades.
		Whether the result appropriately reflects the Competent Person's view of the deposit.	The Mineral Resource estimate appropriately reflects the view of the Competent Person.
3-13	Audits or Reviews.	The results of any audits or reviews of Mineral Resource estimates.	No external reviews or audits of the resource estimation have been undertaken.
3-14	Discussion of Relative Accuracy / Confidence	Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person.	The relative accuracy of the Mineral Resource estimate is reflected in the resource category, with much of the deposit classified as Indicated Resource. Inferred resources have been extrapolated to a maximum of 20m from drill holes. The extrapolation has not been quantified but represents a small proportion of the resource.
		The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and	This statement relates to both global and local estimates of tonnes and grades. Indicated resources should be considered as having reasonable local accuracy whilst the Inferred resources are global in nature.

Pai	rt	Criteria	Explanation	Comment
			economic evaluation.	
			These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	No production data is available as no mining has taken place.