

15 June 2020

## PROPOSED ACQUISITION OF HIGH-GRADE WESTERN AUSTRALIAN GOLD PROJECT

- Meteoric has entered into a conditional agreement to acquire the **Palm Springs Gold Project**, an advanced exploration play with past production, spectacular drill intercepts and historic resources located within the Halls Creek Orogen of Western Australia
- Production on the Project in the late 1990s came from the **Butchers Creek** Open Pit gold mine – 52,000oz @ 2.1 g/t Au, until mining was stopped by the historically low gold price<sup>1</sup>
- Historic drilling beneath the shallow Butchers Creek Open Pit indicates substantial ore zones beneath the pit floor including both thick mineralised envelopes and narrower, very high-grade zones: Significant intercepts within unmined zones below the base of the open pit include:
  - *BCP036 – 68m @ 2.5g/t Au from 44m*
  - *BCR250 – 19m @ 8.8 g/t Au from 56m*
  - *BCRC180 – 14m @ 7.5 g/t Au from 82m*
  - *BCP017 – 50m @ 3.31 g/t Au from 50m*
  - *BCD230 – 7m @ 4.2 g/t Au & 8m @ 17.4 g/t Au from 49m*
  - *BCD232 – 6m @ 21.2 g/t Au from 60m*
  - *BCD336 – 38m @ 2.4 g/t Au from 170m*
  - *BCRC318 – 29m @ 3.9 g/t Au from 113m*
- Mineralisation is **open at depth and down plunge** to the south with structural repetitions of the host unit across the project vastly increasing the potential strike length
- Northern Star Resources Ltd completed drilling and a Mineral Resource on the Project at the **Golden Crown and Faugh-a-Ballagh Prospects** and best results include
  - *GCP017 – 2m @ 174.7 g/t Au from 12m*
  - *GCD011 – 5m @ 4.9 g/t Au including 0.4m @ 47.2 g/t Au from 126.6m*
  - *GCP012 – 2m @ 11.4 g/t Au from 97m*
  - *GCD010 – 0.8m @ 501.1 g/t Au from 23m*
- The acquisition includes 3 MLs (95% interest in 2 of these MLs), 4 ELs and 7 PLs **including 20km of prospective strike** and covering more than 12,500 ha with **over 60 known gold occurrences** outside the Butchers Creek Mine
- The Project presents immediate drilling targets beneath a previously producing mine as well as encompassing substantial Brown Fields exploration targets along 20km of prospective strike
- MEI geologists will be on the ground within the next week collecting data and engaging with local groups in preparation for a drill program that will commence at Butchers Creek as soon as practicable

<sup>1</sup> Annual Report to the DMIRS GML 80/197 (May 1998)

Meteoric Resources NL (ASX: MEI) (“Meteoric” or “the Company”) is pleased to advise that it has signed a conditional legally binding Term Sheet to acquire the Palm Springs Gold Project (“the Project”) located 30km SE of Halls Creek in the Kimberley of Western Australia (“Acquisition”).

**Managing Director Dr Andrew Tunks said,**

*“We have been looking for an Australian Gold Project since early in 2020 to complement our exciting Brazilian assets and take further advantage of historically high gold prices. The Palm Springs Gold Project is an advanced exploration opportunity based around an historic open pit mine that shut down at a time of exceptionally low gold prices.*

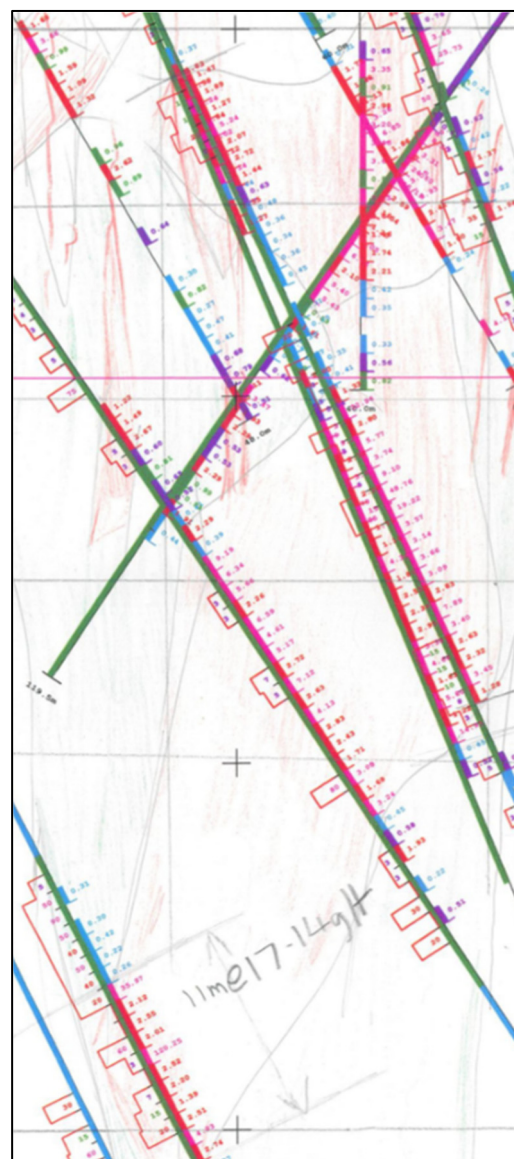
*“The Butchers Creek Open Pit was mined by Precious Metals Australia between 1995 and 1997 and produced over 50,000 ounces of gold at a recovered grade of 2g/t<sup>2</sup>. The Butchers Creek pit is quite shallow (25m in the south to 70m in the north) and there is substantial drilling beneath the pit that indicates the orebody is open at depth and down plunge to the south.*

*“During our due diligence process, it became obvious that the Butchers Creek area has had no modern exploration since the mine closed in 1997. Since that time, all the historic digital data has been lost and as such, the geological evaluation had to be carried out via “the old school” method of manually working through 65 paper drill cross-sections, a slow and painstaking process of reading the section drilling data off metre by metre to compile the significant intercepts. As we worked through the sections in detail, it highlighted to me the incredibly significant opportunity that Palm Springs offers Meteoric.*

*“The image to the right is a screenshot of one of those sections, 10,100mN at Butchers Creek. The pencil colouring and handwritten notes are from the working geologists in 1997 when the section was printed. The top of the image is approximately only 10m below the current pit floor within a planned pit extension that was never completed (refer Figure 3). As a gold explorer I am greatly excited by the continuity of the grades and the thick robust nature of the mineralised zones. Geological reports from this time indicated that the mineralisation is associated with strong potassium and pyritic alteration, yet no geophysical surveys have been used for exploration. As such our initial drilling programs will look to target this and other similar zones below and to the south of the open pit, providing us a fantastic place to commence our exploration.*

*“Across the Project there are another 60 known gold occurrences that have seen some exploration and historical production, yet many of them remain undrilled. At Golden Crown and Faugh-A-Ballagh Prospects, (approx. 4km northeast of Butchers Creek) Northern Star Resources outlined a small resource that remains open at depth and along strike. Interestingly this was Northern Star’s maiden resource and a springboard to bigger things.*

*“The Palm Springs Project is a fantastic addition to MEI’s gold portfolio. It represents immediate drilling targets beneath a previously producing gold mine whilst also encompassing substantial Brown Fields exploration targets along 20km of prospective strike. Importantly, the Project is ideally situated, only 30km south east of Halls Creek with excellent road access, has known metallurgical recoveries over 90% from a standard CIL circuit and granted Mining Leases covering the main zones of mineralisation at Butchers Creek. This acquisition is a great result for Meteoric and I look forward to progressing our 2020 exploration programs concurrently at both our Australian and Brazilian assets.”*



<sup>2</sup> Annual Report to the DMIRS GML 80/197 (May 1998)

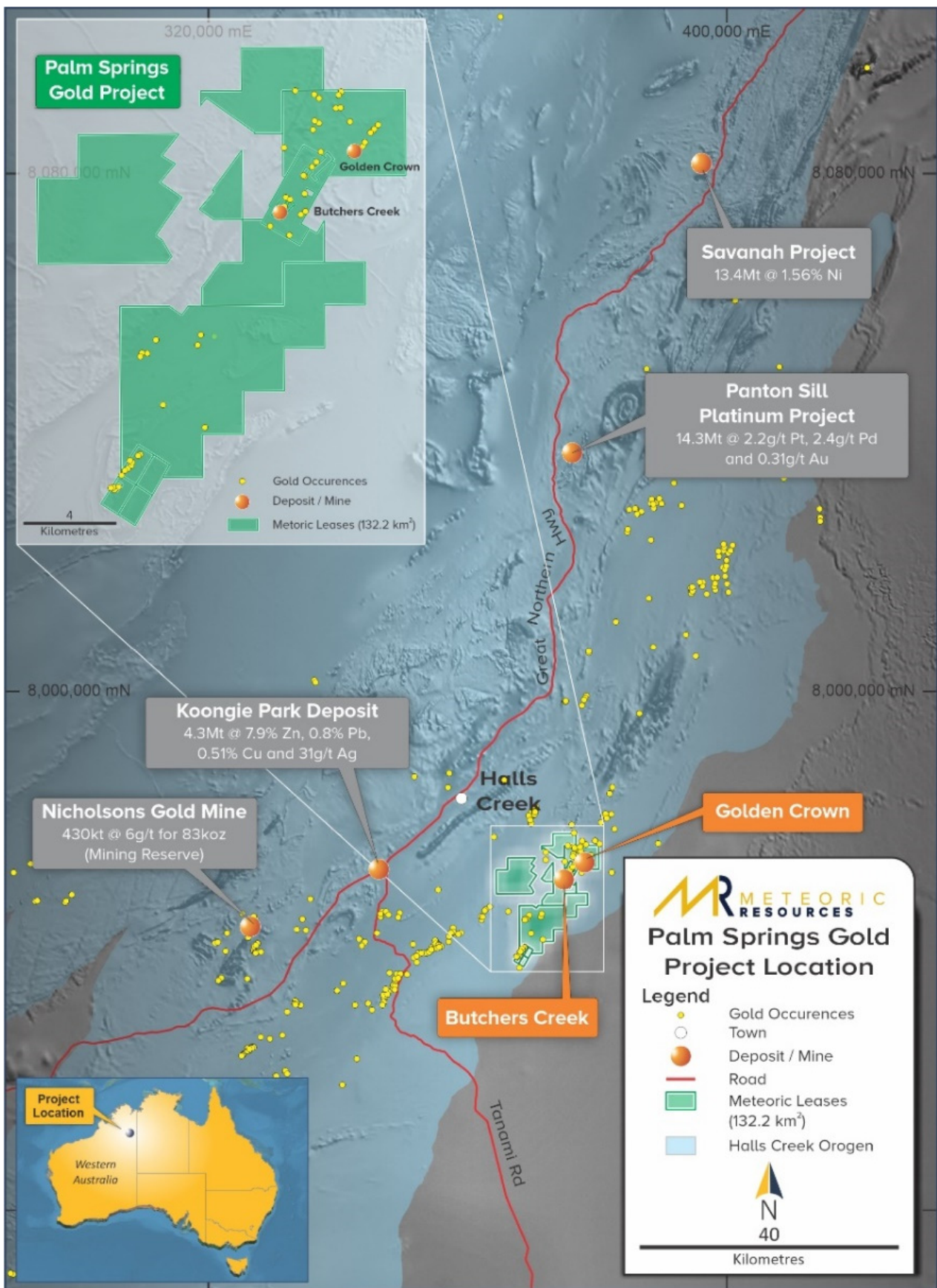


Figure 1. Location Diagram for Palm Springs Gold Project showing major orebodies across the Halls Creek Mobile zone



## Location and Previous Operation

The Palm Springs Gold Project is located approximately 30km south east of Halls Creek in the Kimberley Region of WA. It is accessible by dirt road from the Great Northern Highway which is 15km to the west of the Project.

During gold production of the Butchers Creek open pit between 1995 and 1997, a 500,000tpa conventional Carbon In Pulp (CIP) gold ore treatment plant was constructed along with a 9M tonnes open capacity Tailing Storage Facility (TSF), diesel power station and 75 man accommodation camp and offices. During operation, supplemental ore was trucked from Nicholson Find (now 100% owned and operated by Pantoro Limited ASX:PNR and no longer part of the Palm Springs Gold Project) and processed at Palm Springs.

The total production of the plant was:

<b>Butchers Creek</b>	761,000t @ 2.09g/t Au for 52,089 ounces
<b>Nicholson Find</b>	92,805t @ 7.71g/t Au for 23,007 ounces
<b>TOTAL</b>	853,808t @ 2.74g/t Au for 75,096 ounces

Past production figures are quoted from PMA Annual Technical Report on Palm Springs Mine Project – GML80/197 May 1998 submitted to Department of Minerals Industry Regulation and Safety



*Palm Springs gold treatment plant circa 1996. Although the plant was removed the concrete footings, terraced working and lay down areas remain.*



*Butchers Creek Open Pit looking north- Maximum Depth 70m average depth 30m*



## Regional Geology and Mineralisation

The Halls Creek Orogen is a NE-SW trending belt of Paleoproterozoic sediments, volcanic rocks and intrusives (Figure 1). Gold occurrences within the Halls Creek Mobile Zone are mostly localised in the Eastern part of the Orogen within the Olympio and Biscay Formations. The Palm Spring Gold Project tenure overlies these units and mineralisation at Butchers Creek is spatially associated with strongly altered (trachytic?) volcanics of the Butchers Gully Member within the Olympio Formation.

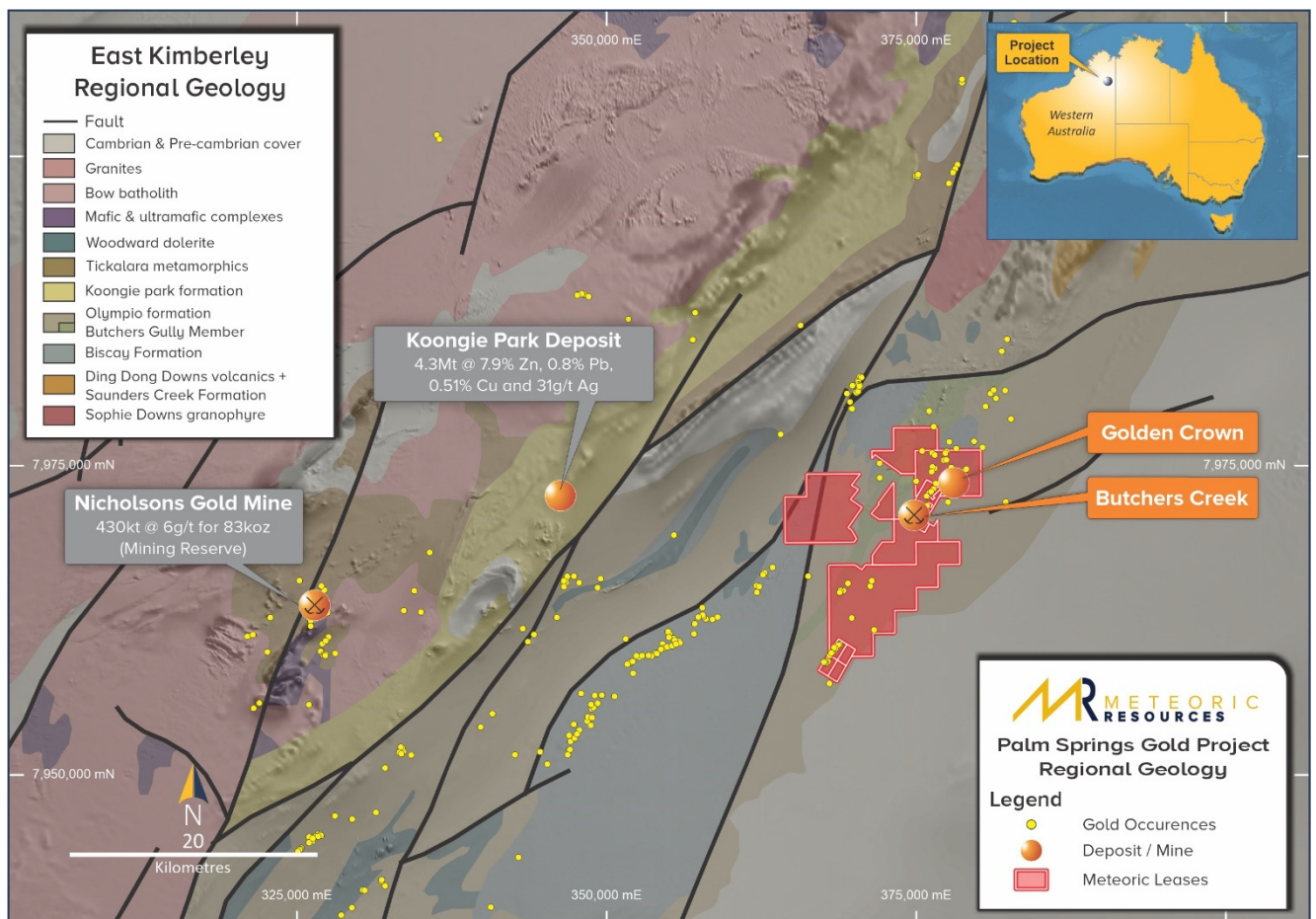


Figure 2. Regional Geology of the Halls Creek Orogen showing the location of the Palm Springs Gold Project. Note the concentration of known gold deposits within the Eastern edge of the Block specifically within the units of the Biscay and Olympio Formations. The leases acquired are shown in Red.

## Butchers Creek Geology and Mineralisation -Exploration Results

In detail, the gold mineralisation at the Butchers Creek open pit is confined to a tight slightly overturned anticlinal fold hinge and strata bound within a strongly altered trachytic volcanic unit. The gold is strongly associated with intense potassium alteration and the development of pyritic zones around quartz veins. Several styles of quartz veining were recorded during mining including saddle reefs, bedding parallel veins, flat lying extensional veins associated with larger crosscutting faults that locally displace the host unit by less than 10m.

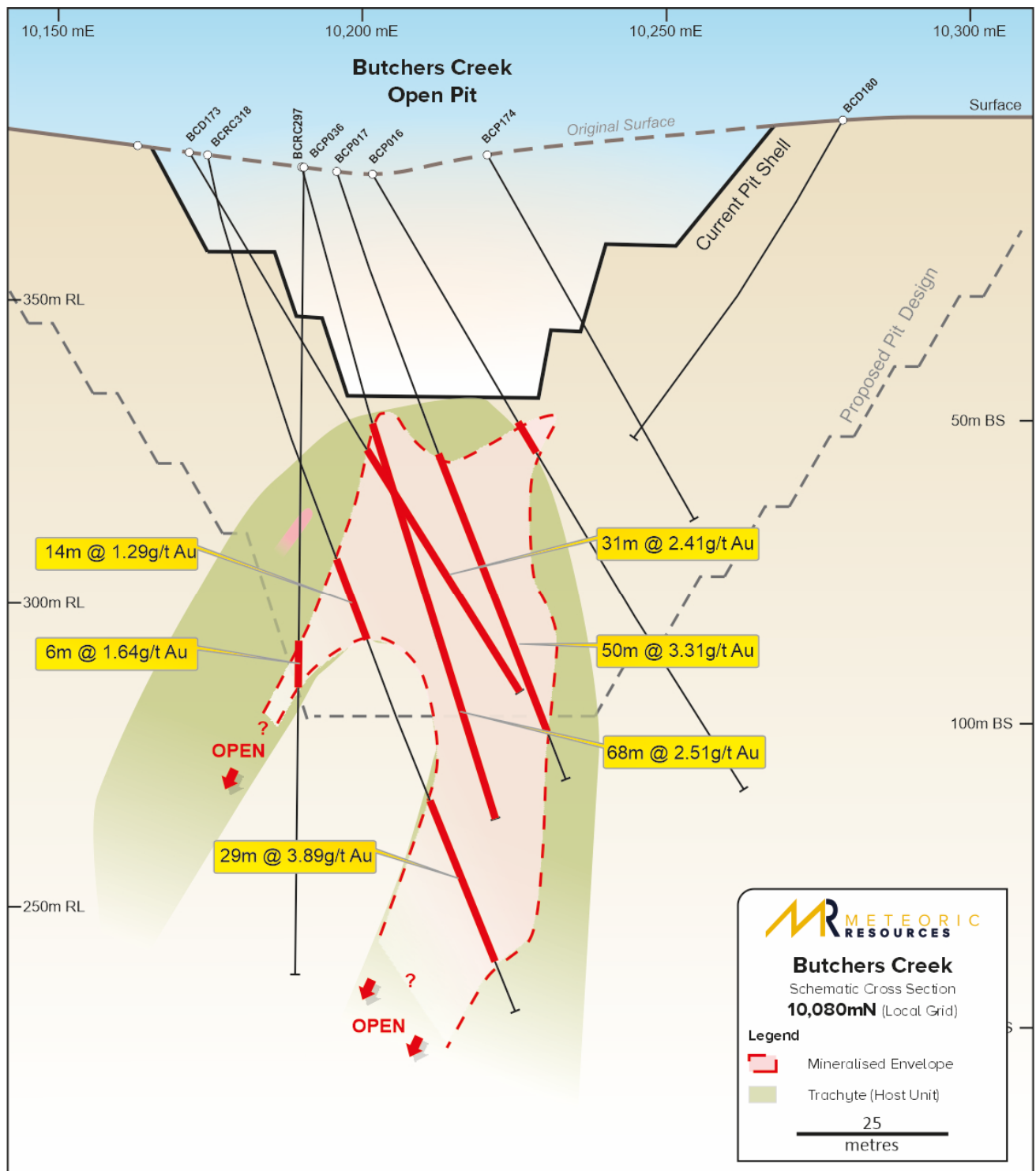


Figure 3. Cross Section 10080N from Butchers Creek open Pit. Note the strongly stratabound nature of the mineralisation within the trachyte “Host unit”. Also shown is the final pit depth at 335m RL. The planned, but never commenced, proposed pit design to the 300m RL is also shown.



The Butchers Creek Deposit has had more than 30,000m of RC and diamond drilling, all drilling results available are presented in Appendix 1 with highlights including:

Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
BCP143	32	50	18	19.8	356.8
BCP052	20	28	8	31.1	249.1
BCD237	61	68	7	35.6	249.1
BCD327	36	43	7	27.7	193.8
BCRC311	22	27	5	32.5	162.6
BCD250	78	97	19	8.5	160.9
BCRC048	4	48	44	3.6	158.1
BCRC081	0	32	32	4.3	137.6
BCP017	50	100	50	2.7	132.5
BCD324	0	44	44	2.9	128.0
BCRC047	0	50	50	2.3	117.5
BCP086	49	52	3	38.2	114.6
BCP050	0	44	44	2.6	112.2
BCRC318	113	141	28	3.9	109.8
BCRC334	155	190	47	2.3	108.8
BCD180	82	96	14	7.5	105.3
BCD230	72	80	8	13.0	104.3
BCRC272	96	118	22	4.2	92.8
BCD336	170	208	38	2.4	92.3
BCP036	50	112	62	1.5	91.8
BCD231	87	107	21	4.0	84.2
BCRC322	164	170	6	14.0	83.8
BCRC272	96	118	22	3.5	77.0
BCRC042	4	30	26	2.9	74.1
BCP067	14	36	22	3.4	73.9
BCP143	18	24	6	12.0	71.9
BCD323	79	98	19	3.8	71.6
BCD187	49	56	7	10.1	70.7
BCP072	12	36	24	2.7	65.4
BCRC359	31	35	4	16.3	65.3
BCP066	4	18	14	4.5	63.7
BCRB164	56	63	7	9.0	63.3
BCP001	28	41	13	4.6	60.2
BCRC274	41	43	2	29.7	59.4
BCRC298	107	127	20	3.0	59.1
BCP053	0	24	24	2.4	58.3
BCP066	4	18	14	4.5	63.7
BCRB164	56	63	7	9.0	63.3
BCP001	28	41	13	4.6	60.2
BCRC274	41	43	2	29.7	59.4
BCRC298	107	127	20	3.0	59.1
BCP053	0	24	24	2.4	58.3
BCD182	51	60	9	5.8	52.6
BCD027	78	92	14	3.8	52.5

Table 1. Best Exploration drilling results from Butchers Creek. These results are taken from the entire Butchers Creek drilling data. Many of the intercepts represented in this table would have been mined during open pit mining in 1995-1997. All available Butchers Creek drilling is presented in Appendix 1B.

For the Butchers Creek deposit not all the data acquired by the Company is in digital format, the data available to Meteoric is in the form of Annual Technical Reports to the Department of Mines Industry Regulation and Safety (DMIRS) in the years 1985 through to 1996. In addition, the Company has relied heavily on geological maps and cross sections from the operation of the Butchers Creek Open Pit. In all, Meteoric has records for 408 drill collars comprising 57 Diamond Holes, 351 Percussion and RC Holes for over 30,000m of drilling. A review of the open file data plus operational plans and sections by the Meteoric team and in particular, the competent person Mr Peter Sheehan, indicates the data is reliable and methods used were appropriate to the industry standards of that time. Technical details of the program and methods are discussed in Appendices 1A, 1B & 1C (JORC Table 1). The significant intercepts table presented in Appendix 1B contains summarised intercepts for 332 unique holes. There are 76 holes where assay data could not be recovered from the cross sections due to age damage, over printing of adjacent holes or missing data. The drill collar information for these 76 holes is set out in Appendix 1A and the missing holes are spread across the orebody representing less than 20% of all drilling and therefore are not considered material. A drill collar location map is set out in Appendix 1D.

## Golden Crown and Faugh-a-Ballagh -Exploration Results

The Northern Star drill hole database contains 136 drill holes comprising 4 Diamond Holes for 409m, and 132 RC Holes for 9,628m.

- Northern Star Resources Ltd completed drilling and a Mineral Resource on the Project at the **Golden Crown and Faugh-a-Ballagh Prospects** and best results include
- ***GCP017 – 2m @ 174.7 g/t Au from 12m***
- ***GCD011 –5m @ 4.9 g/t Au including 0.4m @ 47.2 g/t Au from 126.6m***
- ***GCP012 – 2m @ 11.4 g/t Au from 97m***
- ***GCD010 –0.8m @ 501.1 g/t Au from 23m***

Drill collar information for all drillholes is disclosed in Appendix 2A and technical details of the program and methods are discussed in Appendix 2B (JORC Table 1) and 2C (ASX Listing Rule 5.12 requirements). A drill collar location map is set out in Appendix 2D.

The MEI exploration team is currently in the process of planning drill programs for the 2020 exploration season to confirm historic results and to test for potential extensions of the known zones as well as bringing on new targets for drill testing across the entire project. A significant portion of the initial exploration program will be designed to test previously defined zones of mineralisation across the project and validate previous exploration results.

Mineralisation at Butchers Creek, Golden Crown and Faugh-a-Ballagh is stratabound within a strongly altered trachytic host rock. During the initial field work MEI exploration teams will be focussed on confirming historic mapping (Figure 4) that indicates multiple structural repetitions of the trachyte “host unit” as a primary exploration target.



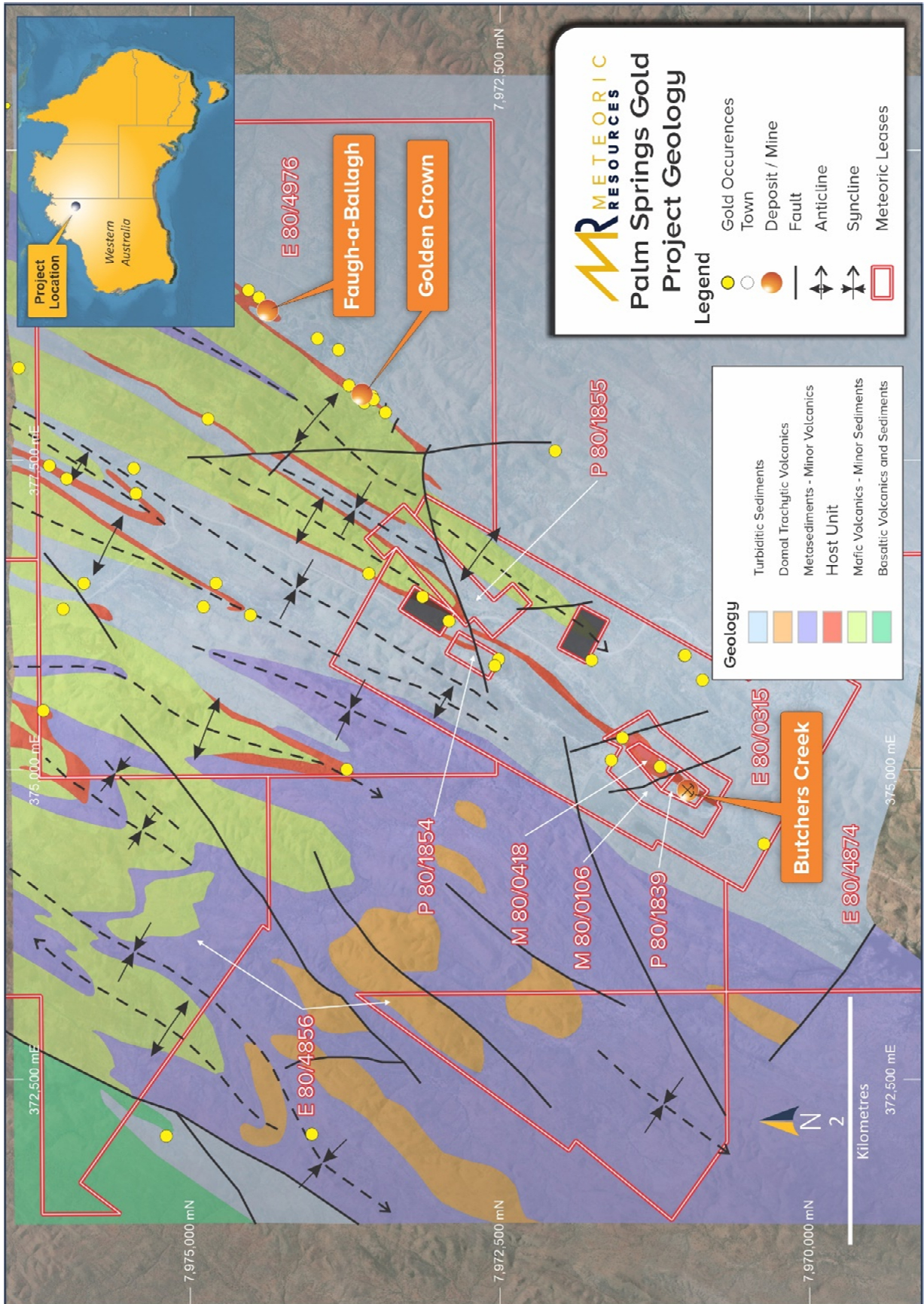


Figure 4. Geological map of the Main Prospects where mineral Resources have been previously defined. The concentration of historic workings can clearly be seen in relation to the outcrop patterns of the host unit.

## Historical Mineral Resources within the Palm Springs Gold Project

### Butchers Creek

The *PMA Annual Report on GML80/197 to DMIRS Jan 1995* quoted a Diluted Measured Resource estimate for mineralisation at Butchers Creek reported pursuant to the 1994 JORC-code. Between 1995 and 1997 the Butchers Creek Pit produced **761,000t @ 2.09g/t Au for 52,089 ounces** as reported from *PMA Annual Report on Palm Springs Mine Project – GML80/197 May 1998* submitted to DMIRS. The 1995 resource estimate figure was never updated to include the 1995-97 mining depletion of the resource.

The Butchers Creek 1994 mineral resource estimate was based on 433 drill holes comprising 57 Diamond Holes, 386 Percussion and RC Holes for over 30,000m of drilling. Collar information for all holes is presented in Appendix 1A. Gold mineralisation is stratabound within a trachytic volcanic unit and is concentrated at the apex of a regional anticlinal structure. The resource estimate used a 0.5 g/t Au bottom-cut, a 20 g/t Au top-cut and was estimated along 800m of strike and to a depth of 120m depth. The estimation method used is unknown.

The 1995 Resource figure reported by PMA cannot be reported because of significant issues that do not allow it to be upgraded to JORC 2012, these issues include:

- Resource estimate not updated at completion of mining;
- Final pit survey and reconciliation between mine and mill not available; and
- No complete geological drill database in digital format.

Additional evaluation work will need to be completed to report any remaining resources to JORC 2012. This includes undertaking:

- Validation of historic databases – generation of digital data;
- Twinning of key holes;
- Location and pickup of historic drill collars and topographic control; and
- Metallurgical testwork.

This work will be planned and budgeted to commence in the 2020-21 field seasons. The Company emphasises that there is no guarantee that after undertaking such work, a mineral resource consistent with the JORC Code (2012) will be reported.

### Golden Crown & Faugh-a-Ballagh

Northern Star quoted an Inferred Mineral Resource estimate for the Golden Crown & Faugh-a-Ballagh prospects in 2008 of **323Kt @ 3.2 g/t Au for 28,000 oz of Au** (*ASX:NST 14/12/2007*). The resource estimate was based on 136 drill holes comprising 4 diamond holes for 409m, 132 RC holes for 9,628m and the methodology is documented in *Mineral Resource Estimate for the Golden Crown Faugh-A-Ballagh Gold Deposits by Resource Evaluations Ltd Nov 2007*.

The Golden Crown and Faugh-a-Ballagh resource estimates are reported against earlier versions of the JORC Code (JORC 2004) and are as reported by previous holders. The resources are geologically confined to a syenitic intrusive host rock and mineralisation is related to intense deformation and quartz veining. The resources are estimated over 660m of geological strike and 100m in depth. A bottom-cut of 1 g/t Au was applied with top-cuts ranging from 40 to 100 g/t depending on the geological domain. The resource interpolation was Inverse Distance (squared) weighted.

Additional evaluation work needs to be completed to report resources to JORC 2012. This includes:

- Validation of historic databases;
- Twinning of key holes;
- Location and pickup of historic drill collars and topographic control; and
- Metallurgical testwork.



This work will be planned and budgeted for the 2020-21 field seasons. The Company emphasises that there is no guarantee that after undertaking such work, a mineral resource consistent with the JORC Code (2012) will be reported.

## Tenure

Tenement	Type	MEI % (To Acquire)	Grant Date	End Date	Area Ha
M80/106	Mining Lease	95%	19/07/1986	23/07/2028	38.9
M80/315	Mining Lease	95%	19/08/1990	21/08/2032	511.6
M80/419	Mining Lease	100%	4/09/1995	5/09/2037	6.8
E80/4856	Exploration Licence	100%	15/09/2015	14/09/2020	4200.0
E80/4874	Exploration Licence	100%	15/09/2015	14/09/2020	1100.0
E80/4976	Exploration Licence	100%	7/02/2017	6/02/2022	1780.0
E80/5059	Exploration Licence	100%	26/07/2017	25/07/2022	5000.0
P80/1766	Prospecting Licence	100%	7/06/2013	6/06/2021	120.0
P80/1767	Prospecting Licence	100%	7/06/2013	6/06/2021	120.0
P80/1768	Prospecting Licence	100%	7/06/2013	6/06/2021	120.0
P80/1769	Prospecting Licence	100%	7/06/2013	6/06/2021	120.0
P80/1839	Prospecting Licence	100%	6/02/2017	5/02/2021	5.8
P80/1854	Prospecting Licence	100%	25/08/2017	24/08/2021	8.0
P80/1855	Prospecting Licence	100%	25/08/2017	24/08/2021	44.0

## Terms of the Acquisition

Meteoric is acquiring 100% of Horrocks Enterprises Pty Ltd (**Horrocks**) and Kimberly Resources Limited (**Kimberly**), the holders of the Palm Springs Gold Project, from Rimbal Pty Ltd and Pinnacle Nominees Pty Ltd being the respective holding companies of Horrocks and Kimberly (**Vendors**) for a total cost of \$1M comprising cash and Meteoric Shares as follows:

- \$750,000 in cash upon Completion of the Acquisition; and
- 12,500,000 MEI Shares on Completion (being \$250,000 in MEI Shares @ 2¢ per Share), voluntarily escrowed for 6 months, to be issued pursuant to MEI's listing rule 7.1 placement capacity.

Completion of the Acquisition is conditional upon satisfaction, or waiver by Meteoric, of the following conditions:

- Transfer of shares in Kimberly not held by the Vendors to Meteoric;
- Transfer of a 2% interest in M80/0106 and M80/0315, currently not held by Kimberly, to Kimberly;
- The Vendors discharging all outstanding amounts owed on the Palm Springs Gold Project, including but not limited to rates, rents and payments owed to indigenous groups;
- Any regulatory approvals; and
- Completion of due diligence on Horrocks, Kimberly and the Palm Springs Gold Project to the satisfaction of Meteoric.

## Capital Raising

CPS Capital Group Pty Ltd (“CPS”) and Vert Capital Pty Ltd (“Vert”) have been appointed Broker and Lead Manager to a capital raising of AUD\$1,440,000 in Meteoric via the issue of 90,000,000 new Shares at AUD\$0.016 per Share (“Placement”). The Placement will be completed in two tranches. 85,000,000 Tranche 1 Shares will be issued shortly to sophisticated and professional investors pursuant to Meteoric’s placement capacity under Listing Rule 7.1. A further 3,000,000 Tranche 1 Shares will be issued to consultants of Company pursuant to Listing Rule 7.1. In Tranche 2, the Company will seek shareholder approval for Directors Dr Andrew Tunks and Dr Paul Kitto to participate in the Placement on the same terms for 1,000,000 Shares each. The purpose of the Placement is to meet the costs of the Acquisition including the cash consideration payable to the Vendors along with the estimated costs of the first drilling program that will be undertaken shortly.

Meteoric shall pay a total fee of 6% on all funds raised along with the issue of 12 million unlisted options with an exercise price of 2.4¢ exercisable on or before 28 May 2023 (to be issued pursuant to the Company’s Listing Rule 7.1 placement capacity) to CPS and Vert for services provided in relation to the capital raising.

## Executive Chairman

MEI is pleased to advise that current Non-Executive Chairman Pat Burke has agreed to take on the role of Executive Chairman to assist in the rapid development of MEI’s assets in both Brazil and now Western Australia. Mr Burke negotiated the highly advantageous terms of both this acquisition of the Palm Springs Gold Project and the Brazilian acquisition and is key to MEI’s corporate development. Mr Burke will receive remuneration of \$220,000 per annum with a 3 month notice period.

This release has been authorised by the Board of Meteoric Resources NL. For further information contact:

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## Competent Person Statement

The information in this announcement that relates to mineral resource estimates at the Golden Crown & Faugh-a-Ballagh prospects, and exploration results at the Palm Springs Gold Project is based on information reviewed, collated and fairly represented by full-time employee of Meteoric Mr Peter Sheehan who is a Member of the Australasian Institute of Mining and Metallurgy and a consultant to Meteoric Resources NL. Mr Sheehan has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Sheehan consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this announcement that relates to historic mineral resource estimates at the Golden Crown & Faugh-a-Ballagh prospects was first reported under JORC Code 2004 is provided pursuant to ASX listing rules 5.12.2 to 5.12.7 (refer Appendix 2C). The information has been compiled and reviewed by Mr Sheehan who confirms the information is an accurate representation of the available data and studies for the Palm Springs Gold Project.

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## APPENDIX 1A: COLLAR FILE BUTCHERS CREEK DRILLING

Listed by hole type

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
DD	BCD005	10,553.1	10,244.0	387.2	131.1	95.0	- 75.0
DD	BCD006	10,329.3	10,227.1	383.5	45.7	100.0	- 63.0
DD	BCD007	10,177.0	10,219.7	371.3	68.0	100.0	- 60.0
DD	BCD008	10,739.4	10,200.9	372.1	53.7	95.0	- 60.0
DD	BCD009	10,393.1	10,189.7	376.7	73.3	83.0	- 60.0
DD	BCD010	10,501.9	10,182.8	385.4	60.6	83.0	- 70.0
DD	BCD011	10,625.9	10,187.9	377.9	63.3	100.0	- 70.0
DD	BCD012	10,296.8	10,181.5	378.4	69.5	90.0	- 65.0
DD	BCD013	10,774.0	10,283.3	367.8	37.3	104.0	- 60.0
DD	BCD024	10,487.7	10,185.4	385.5	150.3	360.0	- 90.0
DD	BCD027	10,187.8	10,192.9	371.5	155.0	360.0	- 90.0
DD	BCD028	10,106.7	10,172.9	372.0	187.0	360.0	- 90.0
DD	BCD082	10,342.8	10,235.7	382.9	92.9	270.0	- 60.0
DD	BCD083	10,533.8	10,189.7	388.0	149.8	90.0	- 60.0
DD	BCD084	10,581.0	10,189.3	383.6	60.8	90.0	- 60.0
DD	BCD105	10,439.9	10,228.0	384.0	65.5	90.0	- 60.0
DD	BCD120	10,618.0	10,218.0	381.0	87.0	90.0	- 60.0
DD	BCD140	10,538.8	10,137.0	375.7	89.6	90.0	- 60.0
DD	BCD149	10,540.4	10,296.7	374.0	91.0	270.0	- 60.0
DD	BCD169	10,359.7	10,181.5	377.2	84.2	90.0	- 60.0
DD	BCD173	10,079.7	10,171.9	374.5	105.0	90.0	- 60.0
DD	BCD180	10,079.6	10,278.8	380.9	119.5	270.0	- 60.0
DD	BCD181	10,418.8	10,282.2	368.9	90.4	90.0	- 60.0
DD	BCD182	10,419.2	10,212.4	380.4	60.2	90.0	- 60.0
DD	BCD183	10,440.0	10,208.5	383.7	65.0	90.0	- 60.0
DD	BCD185	10,400.1	10,209.5	378.1	60.1	90.0	- 60.0
DD	BCD186	10,399.1	10,280.3	369.7	58.0	270.0	- 60.0
DD	BCD187	10,436.1	10,281.2	369.1	88.9	270.0	- 60.0
DD	BCD188	10,660.6	10,181.0	373.3	61.2	90.0	- 60.0
DD	BCD189	10,641.0	10,174.9	374.1	65.6	90.0	- 60.0
DD	BCD201	10,303.0	10,299.6	368.1	129.0	270.0	- 60.0
DD	BCD205	10,303.1	10,301.0	368.1	111.0	270.0	- 75.0
DD	BCD220	10,677.3	10,184.1	372.3	60.5	90.0	- 60.0
DD	BCD221	10,700.3	10,182.5	370.7	62.5	90.0	- 60.0
DD	BCD225	10,779.6	10,200.6	370.4	57.4	90.0	- 60.0
DD	BCD226	10,720.2	10,174.8	371.6	51.9	90.0	- 60.0
DD	BCD227	10,559.5	10,178.4	384.2	64.4	90.0	- 60.0
DD	BCD228	10,602.3	10,168.1	378.6	70.8	90.0	- 60.0
DD	BCD229	10,297.1	10,276.7	368.3	73.6	285.0	- 60.0
DD	BCD230	10,141.1	10,273.3	373.5	91.3	273.0	- 60.0
DD	BCD231	10,279.1	10,059.7	381.9	123.7	270.0	- 60.0
DD	BCD232	10,119.7	10,268.0	376.6	93.0	270.0	- 60.0
DD	BCD233	10,060.2	10,178.4	373.3	98.8	90.0	- 60.0
DD	BCD234	10,040.6	10,179.8	374.3	92.0	90.0	- 60.0

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
DD	BCD237	10,455.5	10,289.1	369.6	111.0	270.0	- 60.0
DD	BCD238	10,475.3	10,291.0	371.1	112.5	270.0	- 60.0
DD	BCRC323D	10,098.4	10,199.7	371.7	118.0	84.4	- 69.0
DD	BCRC324D	10,316.6	10,232.4	381.8	77.0	83.4	- 59.0
DD	BCRC325D	10,299.2	10,229.6	381.0	80.0	83.4	- 60.0
DD	BCRC326D	10,238.2	10,170.6	374.7	82.0	85.4	- 59.0
DD	BCRC327D	10,259.8	10,180.9	377.0	130.0	85.4	- 59.0
DD	BCRC328D	10,341.8	10,228.6	382.8	70.0	177.4	- 60.0
DD	BCRC335D	9,899.9	10,146.2	380.2	260.9	84.4	- 77.0
DD	BCRC336D	9,859.3	10,149.4	380.5	278.9	84.4	- 83.0
DD	BCRC339D	9,820.6	10,114.5	393.4	358.1	80.4	- 81.0
DD	BCRC370D	10,060.0	10,174.0	373.5	189.8	264.4	- 75.0
DD	BCRC415D	9,699.5	10,106.2	401.2	374.0	80.4	- 79.5
PERC	BCP001	10,286.2	10,221.4	382.3	63.0	360	- 90.0
PERC	BCP002	10,357.9	10,238.8	383.5	53.0	360	- 90.0
PERC	BCP003	10,406.0	10,269.0	373.2	33.0	270	- 60.0
PERC	BCP004	10,836.6	10,234.7	368.8	56.0	360	- 90.0
PERC	BCP007	10,177.0	10,219.7	371.3	68.0	100	- 63.0
PERC	BCP010	10,501.9	10,182.8	385.4	60.6	35	- 68.5
PERC	BCP014	10,197.4	10,193.4	371.4	100.0	55	- 60.0
PERC	BCP015	10,184.1	10,175.2	372.3	125.0	100	- 60.0
PERC	BCP016	10,087.5	10,202.0	371.2	120.0	100	- 63.0
PERC	BCP017	10,082.7	10,195.6	371.8	108.0	100	- 72.0
PERC	BCP018	9,983.7	10,192.3	373.2	120.0	100	- 60.0
PERC	BCP019	9,979.3	10,170.1	373.9	160.0	100	- 60.0
PERC	BCP020	9,964.0	10,145.6	375.5	115.0	100	- 60.0
PERC	BCP021	10,181.3	10,195.1	372.1	175.0	360	- 90.0
PERC	BCP022	10,223.8	10,194.7	374.1	150.0	360	- 90.0
PERC	BCP023	10,540.4	10,184.6	388.0	122.0	87	- 60.0
PERC	BCP024	10,502.4	10,181.7	385.5	150.3	360	- 90.0
PERC	BCP025	10,462.9	10,181.1	381.7	150.0	360	- 90.0
PERC	BCP026	10,130.2	10,191.0	372.8	142.0	360	- 90.0
PERC	BCP027	10,081.7	10,189.7	372.2	155.0	360	- 90.0
PERC	BCP028	10,089.1	10,163.2	375.5	187.0	360	- 90.0
PERC	BCP029	9,985.1	10,159.0	374.5	175.0	360	- 90.0
PERC	BCP030	9,999.3	10,143.3	376.6	200.0	360	- 90.0
PERC	BCP031	10,179.6	10,260.5	370.5	159.0	315	- 60.0
PERC	BCP032	10,143.9	10,215.2	370.5	120.0	360	- 60.0
PERC	BCP033	10,140.0	10,202.0	372.6	80.0	90	- 60.0
PERC	BCP034	10,180.0	10,199.0	317.7	90.0	90	- 55.0
PERC	BCP035	10,180.0	10,230.0	370.8	40.0	90	- 55.0
PERC	BCP036	10,080.0	10,190.0	372.0	112.0	90	- 75.0
PERC	BCP037	10,220.0	10,200.0	378.5	80.0	90	- 60.0
PERC	BCP038	10,240.0	10,196.0	376.2	50.0	90	- 60.0
PERC	BCP039	10,280.0	10,224.0	381.6	30.0	90	- 57.0
PERC	BCP040	10,260.0	10,190.0	377.7	66.0	90	- 55.0
PERC	BCP041	10,260.0	10,220.0	382.9	30.0	90	- 59.0

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
PERC	BCP042	10,300.0	10,228.0	381.4	30.0	90	- 60.0
PERC	BCP043	10,280.0	10,213.0	381.2	50.0	90	- 58.0
PERC	BCP044	10,280.0	10,192.0	378.9	60.0	90	- 59.0
PERC	BCP045	10,300.0	10,216.0	382.1	30.0	90	- 59.0
PERC	BCP046	10,300.0	10,206.0	380.8	40.0	90	- 58.0
PERC	BCP047	10,300.0	10,240.0	381.5	50.0	90	- 60.0
PERC	BCP048	10,320.0	10,228.0	382.2	60.0	90	- 57.0
PERC	BCP049	10,320.0	10,217.0	382.2	40.0	90	- 60.0
PERC	BCP050	10,320.0	10,240.0	383.2	50.0	90	- 58.0
PERC	BCP051	10,340.0	10,232.0	383.1	30.0	90	- 57.0
PERC	BCP052	10,340.5	10,232.0	383.1	30.0	270	- 57.0
PERC	BCP053	10,360.0	10,240.0	383.4	40.0	90	- 59.0
PERC	BCP054	10,360.0	10,220.0	383.4	40.0	90	- 57.0
PERC	BCP055	10,380.0	10,244.0	379.5	30.0	90	- 60.0
PERC	BCP056	10,380.0	10,231.0	380.2	70.0	90	- 59.0
PERC	BCP057	10,330.0	10,228.0	384.0	30.0	90	- 59.0
PERC	BCP058	10,460.0	10,226.0	385.5	40.0	90	- 60.0
PERC	BCP059	10,460.0	10,196.0	383.7	50.0	90	- 58.0
PERC	BCP060	10,460.0	10,164.0	379.9	90.0	90	- 57.0
PERC	BCP061	10,480.0	10,199.0	388.1	30.0	360	- 90.0
PERC	BCP062	10,480.0	10,231.0	390.2	50.0	90	- 59.0
PERC	BCP063	10,480.0	10,216.0	391.2	30.0	360	- 90.0
PERC	BCP064	10,480.0	10,178.0	381.7	80.0	90	- 57.0
PERC	BCP065	10,500.0	10,200.0	389.9	40.0	90	- 58.0
PERC	BCP066	10,540.0	10,249.0	390.5	50.0	90	- 59.0
PERC	BCP067	10,540.0	10,194.0	388.5	40.0	90	- 55.0
PERC	BCP068	10,540.0	10,157.0	382.0	68.0	90	- 57.0
PERC	BCP069	10,580.0	10,185.0	383.9	60.0	90	- 55.0
PERC	BCP070	10,520.0	10,211.5	394.9	48.0	360	- 90.0
PERC	BCP071	10,520.0	10,213.0	395.2	30.0	90	- 59.0
PERC	BCP072	10,560.0	10,198.0	393.0	46.5	90	- 58.0
PERC	BCP073	10,640.0	10,224.0	379.7	30.0	90	- 59.0
PERC	BCP074	10,660.0	10,220.0	380.1	30.0	90	- 58.0
PERC	BCP075	10,580.0	10,217.0	389.3	30.0	360	- 90.0
PERC	BCP076	10,200.0	10,239.9	369.6	30.0	270	- 60.0
PERC	BCP077	10,200.0	10,259.7	369.4	56.0	270	- 60.0
PERC	BCP078	10,199.0	10,220.0	370.8	36.6	90	- 60.0
PERC	BCP079	10,200.0	10,259.7	371.0	44.0	270	- 60.0
PERC	BCP080	10,316.5	10,220.0	381.5	41.0	90	- 60.0
PERC	BCP081	10,316.6	10,200.7	381.8	32.5	90	- 60.0
PERC	BCP085	10,219.8	10,238.1	373.8	66.0	90	- 60.0
PERC	BCP086	10,239.5	10,230.7	375.9	69.0	90	- 60.0
PERC	BCP087	10,258.8	10,176.6	377.2	66.0	90	- 60.0
PERC	BCP088	10,280.3	10,170.0	378.5	70.0	90	- 60.0
PERC	BCP089	10,260.9	10,210.4	379.5	50.0	90	- 60.0
PERC	BCP090	10,340.1	10,200.0	379.4	52.0	90	- 60.0
PERC	BCP091	10,318.2	10,218.0	381.1	30.0	90	- 60.0



TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
PERC	BCP092	10,315.6	10,209.1	380.8	30.0	90	- 60.0
PERC	BCP093	10,320.5	10,204.0	380.4	50.0	90	- 60.0
PERC	BCP094	10,318.7	10,229.5	381.7	50.0	15	- 60.0
PERC	BCP095	10,280.9	10,223.4	381.4	50.0	15	- 60.0
PERC	BCP096	10,333.5	10,228.9	383.2	40.0	270	- 60.0
PERC	BCP097	10,340.3	10,220.2	382.7	71.0	270	- 60.0
PERC	BCP098	10,319.5	10,178.8	376.8	52.0	90	- 60.0
PERC	BCP099	10,340.3	10,220.7	382.7	30.0	90	- 60.0
PERC	BCP100	10,344.6	10,229.1	382.7	40.0	270	- 60.0
PERC	BCP101	10,360.5	10,238.8	382.6	50.0	15	- 60.0
PERC	BCP102	10,485.0	10,210.8	390.9	50.0	15	- 60.0
PERC	BCP103	10,525.2	10,213.9	395.9	41.0	15	- 60.0
PERC	BCP104	10,519.7	10,215.9	395.6	61.0	90	- 60.0
PERC	BCP106	10,378.7	10,276.9	370.3	70.0	267	- 60.0
PERC	BCP107	10,399.4	10,256.8	373.2	70.0	263	- 60.0
PERC	BCP108	10,361.0	10,267.1	369.9	56.0	270	- 60.0
PERC	BCP109	10,340.6	10,276.0	369.2	70.0	276	- 60.0
PERC	BCP111	10,656.8	10,310.4	373.8	42.0	277	- 60.0
PERC	BCP112	10,638.0	10,304.7	374.0	50.0	277	- 60.0
PERC	BCP113	10,675.5	10,313.8	372.7	48.0	260	- 60.0
PERC	BCP114	10,318.9	10,276.0	368.4	38.0	277	- 60.0
PERC	BCP115	10,299.2	10,271.6	368.5	36.0	284	- 60.0
PERC	BCP116	10,278.5	10,265.6	368.9	56.0	278	- 60.0
PERC	BCP117	10,252.3	10,256.5	371.2	50.0	288	- 60.0
PERC	BCP118	10,241.0	10,251.0	371.1	61.0	280	- 60.0
PERC	BCP119	10,228.0	10,246.5	372.0	61.0	258	- 60.0
PERC	BCP121	10,459.6	10,246.0	381.7	42.0	270	- 60.0
PERC	BCP122	10,479.1	10,258.2	381.1	36.0	270	- 60.0
PERC	BCP123	10,500.0	10,267.4	380.9	52.0	270	- 90.0
PERC	BCP124	10,499.5	10,256.9	380.9	40.0	270	- 60.0
PERC	BCP125	10,521.0	10,270.1	380.9	51.0	270	- 60.0
PERC	BCP126	10,520.8	10,271.3	380.9	42.0	270	- 90.0
PERC	BCP127	10,542.3	10,278.6	381.1	44.0	270	- 60.0
PERC	BCP128	10,639.4	10,218.5	382.2	56.0	90	- 60.0
PERC	BCP129	10,562.5	10,285.0	380.7	48.0	270	- 90.0
PERC	BCP130	10,562.5	10,283.4	380.7	52.0	270	- 60.0
PERC	BCP131	10,601.2	10,187.5	379.9	48.0	90	- 60.0
PERC	BCP132	10,619.3	10,199.6	380.0	40.0	90	- 60.0
PERC	BCP133	10,635.3	10,194.1	377.5	40.0	90	- 60.0
PERC	BCP134	10,659.6	10,200.1	375.8	34.0	90	- 60.0
PERC	BCP135	10,678.9	10,203.7	374.8	30.0	90	- 60.0
PERC	BCP136	10,701.1	10,201.3	373.4	44.0	90	- 60.0
PERC	BCP137	10,719.4	10,213.7	373.7	40.0	90	- 60.0
PERC	BCP138	10,736.5	10,215.5	373.9	40.0	90	- 60.0
PERC	BCP139	10,760.3	10,217.8	372.4	40.0	90	- 60.0
PERC	BCP141	10,780.4	10,220.5	371.3	34.0	90	- 60.0
PERC	BCP142	10,600.0	10,220.0	377.5	60.0	360	- 90.0

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
PERC	BCP143	10,419.6	10,258.3	373.0	50.0	270	- 60.0
PERC	BCP144	10,438.2	10,260.5	373.1	55.0	270	- 60.0
PERC	BCP145	10,458.1	10,267.4	373.7	32.0	270	- 60.0
PERC	BCP146	10,478.8	10,277.8	374.0	38.0	270	- 60.0
PERC	BCP147	10,501.8	10,284.7	374.1	50.0	270	- 60.0
PERC	BCP148	10,519.2	10,289.5	374.2	44.0	270	- 60.0
PERC	BCP150	10,560.4	10,299.5	374.8	50.0	270	- 60.0
PERC	BCP151	10,581.7	10,300.4	374.8	50.0	270	- 60.0
PERC	BCP152	10,601.5	10,298.2	375.0	50.0	270	- 60.0
PERC	BCP153	10,120.4	10,249.4	376.5	60.0	270	- 60.0
PERC	BCP154	10,618.7	10,300.1	374.7	50.0	270	- 60.0
PERC	BCP155	10,601.6	10,260.8	377.4	48.0	90	- 60.0
PERC	BCP156	10,619.1	10,248.7	376.9	44.0	270	- 60.0
PERC	BCP157	10,619.7	10,265.2	377.0	42.0	270	- 60.0
PERC	BCP158	10,160.3	10,199.4	371.5	56.0	270	- 60.0
PERC	BCP159	10,159.5	10,219.5	370.9	52.0	90	- 60.0
PERC	BCP160	10,160.1	10,240.5	371.3	50.0	90	- 60.0
PERC	BCP162	10,140.5	10,235.3	374.2	60.0	360	- 90.0
PERC	BCP163	10,119.9	10,179.4	374.3	86.0	90	- 70.0
PERC	BCP164	10,119.8	10,199.7	371.8	76.0	90	- 60.0
PERC	BCP165	10,099.9	10,180.3	373.1	60.0	90	- 60.0
PERC	BCP166	10,099.9	10,199.9	371.6	60.0	90	- 60.0
PERC	BCP167	10,099.8	10,219.1	371.9	52.0	90	- 60.0
PERC	BCP168	10,241.2	10,230.0	371.1	50.0	270	- 60.0
PERC	BCP170	10,220.3	10,244.7	372.8	50.0	360	- 90.0
PERC	BCP171	10,100.0	10,230.3	375.3	50.0	360	- 90.0
PERC	BCP172	10,100.0	10,260.1	378.6	80.0	90	- 60.0
PERC	BCP174	10,079.8	10,220.4	375.1	70.0	90	- 60.0
PERC	BCP175	10,141.5	10,253.1	374.4	52.0	270	- 60.0
PERC	BCP176	10,950.4	10,266.1	364.2	50.0	90	- 60.0
PERC	BCP177	10,950.7	10,238.8	365.6	20.0	90	- 60.0
PERC	BCP178	10,948.1	10,247.7	364.4	30.0	360	- 90.0
PERC	BCP179	10,542.3	10,280.0	381.0	48.0	360	- 90.0
PERC	BCP184	10,397.9	10,237.5	373.6	40.0	360	- 90.0
PERC	BCP190	10,799.9	10,223.4	369.1	20.0	90	- 60.0
PERC	BCP191	10,819.9	10,223.4	367.2	20.0	90	- 60.0
PERC	BCP192	10,817.3	10,230.3	367.8	22.0	90	- 60.0
PERC	BCP193	10,838.6	10,221.9	366.1	18.0	90	- 60.0
PERC	BCP194	10,861.1	10,257.4	365.5	16.0	270	- 60.0
PERC	BCP195	10,861.1	10,249.6	366.5	20.0	270	- 60.0
PERC	BCP196	10,861.9	10,239.6	367.1	30.0	270	- 60.0
PERC	BCP197	10,841.5	10,249.4	366.7	20.0	270	- 60.0
PERC	BCP198	10,880.2	10,256.1	364.5	14.0	270	- 60.0
PERC	BCP199	10,961.5	10,255.5	364.9	14.0	270	- 60.0
PERC	BCP200	10,981.7	10,253.1	364.9	32.0	270	- 60.0
PERC	BCP202	11,020.9	10,242.0	365.3	30.0	270	- 60.0
PERC	BCP203	11,041.5	10,240.0	364.3	30.0	270	- 60.0

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
PERC	BCP204	11,001.0	10,246.7	365.0	16.0	270	- 60.0
PERC	BCP206	10,620.5	10,275.0	376.8	30.0	90	- 60.0
PERC	BCP207	10,643.1	10,280.6	375.0	32.0	90	- 60.0
PERC	BCP208	10,662.5	10,283.1	373.9	28.0	90	- 60.0
PERC	BCP209	10,679.7	10,288.8	373.2	30.0	90	- 60.0
PERC	BCP210	10,602.5	10,272.2	377.4	36.0	90	- 60.0
PERC	BCP211	10,593.0	10,259.0	377.6	50.0	115	- 60.0
PERC	BCP212	10,780.3	10,230.5	371.7	30.0	360	- 90.0
PERC	BCP213	10,780.0	10,170.0	370.0	22.0	90	- 60.0
PERC	BCP214	10,457.8	10,251.1	381.4	46.0	360	- 90.0
PERC	BCP215	10,421.1	10,239.7	383.0	50.0	360	- 90.0
PERC	BCP216	10,553.5	10,262.6	390.6	50.0	360	- 90.0
PERC	BCP217	10,160.3	10,240.4	371.3	40.0	360	- 90.0
PERC	BCP218	10,179.1	10,215.0	371.4	22.0	90	- 60.0
PERC	BCP219	10,179.8	10,230.1	370.8	40.0	360	- 90.0
PERC	BCP222	10,681.4	10,223.2	376.0	22.0	270	- 60.0
PERC	BCP223	10,700.0	10,222.6	376.0	26.0	90	- 60.0
RC	BCRC250	10,100.3	10,198.3	371.9	113.0	90	- 69.0
RC	BCRC251	10,141.2	10,266.0	374.0	77.0	263	- 60.0
RC	BCRC252	10,299.7	10,212.0	381.3	89.0	90	- 57.0
RC	BCRC253	10,339.6	10,189.0	378.1	115.0	90	- 57.0
RC	BCRC254	10,319.4	10,192.0	378.5	113.0	90	- 56.0
RC	BCRC255	10,299.8	10,192.7	379.5	140.0	90	- 59.0
RC	BCRC256	10,281.3	10,183.9	378.2	119.0	90	- 58.0
RC	BCRC257	10,240.0	10,240.6	376.4	89.0	90	- 58.0
RC	BCRC258	10,394.6	10,215.4	377.8	89.0	90	- 55.0
RC	BCRC259	10,119.5	10,181.3	374.3	110.0	90	- 58.0
RC	BCRC260	10,262.4	10,265.4	370.0	89.0	263	- 61.0
RC	BCRC261	10,199.9	10,169.0	371.5	127.0	90	- 62.0
RC	BCRC262	10,220.0	10,171.3	373.0	131.0	90	- 59.0
RC	BCRC263	10,240.0	10,169.1	374.8	119.0	90	- 59.0
RC	BCRC264	10,479.2	10,135.8	373.9	101.0	90	- 58.0
RC	BCRC265	10,579.0	10,169.2	380.5	89.0	90	- 61.0
RC	BCRC266	10,559.5	10,162.6	381.3	93.0	90	- 65.0
RC	BCRC267	10,039.5	10,173.7	374.6	137.0	90	- 70.0
RC	BCRC268	10,060.3	10,176.8	373.5	151.0	90	- 72.0
RC	BCRC269	10,061.1	10,196.6	371.9	106.0	90	- 59.0
RC	BCRC270	10,159.8	10,200.4	371.3	100.0	90	- 57.0
RC	BCRC271	10,140.2	10,180.7	374.4	120.0	90	- 60.0
RC	BCRC272	10,099.9	10,172.6	374.8	137.0	90	- 64.0
RC	BCRC273	10,100.6	10,215.0	372.1	107.0	90	- 69.0
RC	BCRC274	10,260.5	10,180.1	377.0	119.0	90	- 60.0
RC	BCRC275	10,360.7	10,196.8	378.0	131.0	90	- 59.0
RC	BCRC276	10,319.7	10,213.6	380.9	119.0	90	- 59.0
RC	BCRC277	10,379.6	10,209.8	377.9	107.0	90	- 60.0
RC	BCRC278	10,400.4	10,194.9	376.9	113.0	90	- 54.0
RC	BCRC279	10,379.9	10,189.9	376.6	132.0	90	- 60.0



TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
RC	BCRC280	10,440.5	10,188.6	380.1	120.0	90	- 59.0
RC	BCRC281	10,454.7	10,228.5	386.6	100.0	192	- 59.0
RC	BCRC282	10,461.9	10,187.1	382.2	119.0	90	- 54.0
RC	BCRC283	10,540.4	10,160.5	380.9	96.0	90	- 60.0
RC	BCRC284	10,518.6	10,157.7	379.9	87.0	90	- 60.0
RC	BCRC285	10,499.5	10,151.9	378.8	66.0	90	- 60.0
RC	BCRC286	10,100.0	10,172.4	374.9	155.0	90	- 75.0
RC	BCRC287	10,243.4	10,149.2	376.3	105.0	90	- 61.0
RC	BCRC288	10,460.0	10,268.0	373.2	82.0	264	- 55.0
RC	BCRC289	10,160.2	10,181.2	372.3	113.0	90	- 60.0
RC	BCRC290	10,359.8	10,166.4	375.1	95.0	90	- 59.0
RC	BCRC291	10,060.5	10,177.7	373.4	109.0	90	- 54.0
RC	BCRC292	10,440.1	10,269.0	371.0	83.0	264	- 60.0
RC	BCRC293	10,260.5	10,149.3	376.9	90.0	90	- 54.0
RC	BCRC294	10,119.1	10,169.2	375.2	131.0	90	- 64.0
RC	BCRC295	10,040.8	10,183.2	374.0	89.0	90	- 55.0
RC	BCRC296	10,060.5	10,177.1	373.3	153.0	90	- 78.0
RC	BCRC297	10,081.3	10,191.9	371.7	133.0	360	- 90.0
RC	BCRC298	10,041.0	10,172.3	374.9	161.0	90	- 80.0
RC	BCRC299	10,454.4	10,208.0	384.8	25.0	90	- 55.0
RC	BCRC300	10,460.1	10,220.9	386.7	25.0	282	- 55.0
RC	BCRC301	10,443.3	10,238.2	383.0	100.0	203	- 60.0
RC	BCRC302	10,459.9	10,247.1	381.6	50.0	204	- 59.0
RC	BCRC303	10,478.8	10,259.9	381.1	50.0	203	- 59.0
RC	BCRC304	10,500.4	10,266.8	380.9	50.0	192	- 58.0
RC	BCRC305	10,519.5	10,270.4	381.0	50.0	192	- 60.0
RC	BCRC306	10,540.2	10,279.4	381.1	50.0	192	- 60.0
RC	BCRC307	10,560.4	10,284.2	380.9	50.0	191	- 59.0
RC	BCRC308	10,560.5	10,285.3	380.9	100.0	- 1	- 59.0
RC	BCRC309	10,420.5	10,271.5	370.4	77.0	265	- 58.0
RC	BCRC310	10,340.5	10,225.5	382.7	89.0	90	- 60.0
RC	BCRC311	10,320.0	10,156.0	376.4	89.0	90	- 58.0
RC	BCRC312	10,120.2	10,169.0	375.1	162.0	90	- 74.0
RC	BCRC313	10,180.2	10,189.8	372.1	101.0	90	- 60.0
RC	BCRC314	10,217.8	10,151.2	373.7	101.0	90	- 60.0
RC	BCRC315	9,999.5	10,140.0	376.5	167.0	90	- 64.0
RC	BCRC316	10,139.7	10,167.2	375.1	134.0	90	- 63.0
RC	BCRC317	10,060.0	10,170.1	374.1	138.0	106	- 88.0
RC	BCRC318	10,082.6	10,174.9	374.1	159.0	90	- 78.0
RC	BCRC319	10,197.5	10,210.2	370.8	83.0	90	- 59.0
RC	BCRC320	10,418.7	10,188.8	377.7	110.0	90	- 58.0
RC	BCRC321	10,280.7	10,154.4	377.3	89.0	90	- 63.0
RC	BCRC322	10,000.0	10,137.8	377.1	189.0	90	- 76.0
RC	BCRC329	10,280.3	10,214.6	381.0	4.0	90	- 60.0
RC	BCRC330	10,300.0	10,229.8	381.0	4.0	90	- 60.0
RC	BCRC331	10,341.5	10,229.5	382.8	4.0	90	- 60.0
RC	BCRC332	10,799.3	10,280.7	366.9	53.0	90	- 60.0

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
RC	BCRC333	10,800.4	10,210.1	368.8	59.0	90	- 60.0
RC	BCRC334	9,940.4	10,161.1	374.8	215.0	90	- 75.0
RC	BCRC337	10,872.2	9,836.7	369.2	30.0	360	- 90.0
RC	BCRC338	10,830.8	9,815.5	369.8	24.0	360	- 90.0
RC	BCRC340	11,160.9	10,208.4	368.4	60.0	90	- 60.0
RC	BCRC341	11,119.5	10,191.9	366.1	72.0	90	- 60.0
RC	BCRC342	11,079.5	10,215.0	365.7	48.0	90	- 60.0
RC	BCRC343	11,040.5	10,215.8	365.8	59.0	90	- 60.0
RC	BCRC344	10,841.4	10,303.7	364.1	36.0	90	- 60.0
RC	BCRC345	10,758.2	10,280.6	368.0	41.0	90	- 60.0
RC	BCRC346	10,719.3	10,277.9	369.1	47.0	90	- 60.0
RC	BCRC347	10,831.2	10,200.3	365.9	72.0	90	- 60.0
RC	BCRC348	10,779.6	10,297.3	367.8	23.0	90	- 60.0
RC	BCRC349	10,817.4	10,296.7	365.9	30.0	90	- 60.0
RC	BCRC350	10,818.4	10,283.4	365.9	48.0	90	- 60.0
RC	BCRC351	10,776.8	10,284.4	367.9	42.0	90	- 60.0
RC	BCRC352	10,859.8	10,295.6	363.7	41.0	90	- 60.0
RC	BCRC353	10,200.0	10,195.3	371.1	114.0	90	- 60.0
RC	BCRC354	10,120.4	10,180.2	374.1	133.0	90	- 70.0
RC	BCRC355	10,720.7	10,292.7	369.0	18.0	90	- 60.0
RC	BCRC356	10,841.3	10,285.7	364.4	54.0	90	- 60.0
RC	BCRC357	10,859.5	10,280.1	364.4	66.0	90	- 60.0
RC	BCRC358	10,799.9	10,223.6	369.2	36.0	90	- 60.0
RC	BCRC359	10,781.0	10,220.0	371.3	36.0	90	- 60.0
RC	BCRC360	10,718.1	10,172.3	369.6	84.0	90	- 60.0
RC	BCRC361	10,699.7	10,162.8	369.4	96.0	90	- 65.0
RC	BCRC362	10,677.6	10,163.3	369.7	84.0	90	- 60.0
RC	BCRC363	10,657.5	10,160.8	370.5	96.0	90	- 65.0
RC	BCRC364	10,638.3	10,152.5	370.9	102.0	90	- 65.0
RC	BCRC365	10,622.1	10,148.0	371.8	90.0	90	- 55.0
RC	BCRC366	10,599.1	10,142.8	373.9	96.0	90	- 60.0
RC	BCRC367	10,756.0	10,295.7	368.2	24.0	90	- 60.0
RC	BCRC368	10,779.3	10,269.9	368.2	69.0	90	- 65.0
RC	BCRC369	10,259.3	10,150.1	376.7	117.0	90	- 67.0
RC	BCRC371	10,500.5	10,296.7	370.9	120.0	90	- 65.0
RC	BCRC372	10,299.0	10,151.1	377.5	102.0	90	- 60.0
RC	BCRC373	10,800.3	10,296.9	366.9	27.0	90	- 60.0
RC	BCRC374	10,819.7	10,222.8	367.4	42.0	90	- 60.0
RC	BCRC375	10,781.0	10,178.0	368.2	96.0	90	- 60.0
RC	BCRC376	10,759.2	10,177.5	369.0	73.0	90	- 60.0
RC	BCRC377	10,737.9	10,176.3	369.6	90.0	90	- 60.0
RC	BCRC378	10,760.0	10,218.4	372.9	42.0	90	- 60.0
RC	BCRC379	10,719.4	10,210.9	373.2	42.0	90	- 60.0
RC	BCRC380	10,700.6	10,206.6	373.3	42.0	90	- 60.0
RC	BCRC381	10,679.7	10,204.0	374.7	44.0	90	- 60.0
RC	BCRC382	10,599.4	10,269.7	377.5	36.0	90	- 60.0
RC	BCRC383	10,602.3	10,265.2	377.4	66.0	90	- 75.0

TYPE	Hole ID	North	East	RL	Depth	Azimuth_Local	Dip
RC	BCRC384	10,620.3	10,273.4	376.6	42.0	90	- 60.0
RC	BCRC385	10,620.1	10,257.3	376.9	65.0	90	- 60.0
RC	BCRC386	10,637.0	10,279.3	375.9	47.0	52	- 60.0
RC	BCRC387	10,663.2	10,286.1	374.0	36.0	58	- 60.0
RC	BCRC388	10,680.1	10,290.5	373.5	35.0	90	- 60.0
RC	BCRC389	10,564.3	10,249.4	385.6	65.0	90	- 60.0
RC	BCRC390	10,659.6	10,198.9	375.9	52.0	90	- 60.0
RC	BCRC391	10,859.5	10,223.9	362.9	42.0	90	- 60.0
RC	BCRC392	10,880.2	10,227.1	364.0	48.0	90	- 60.0
RC	BCRC393	10,837.4	10,221.5	365.6	42.0	90	- 60.0
RC	BCRC395	11,222.4	10,167.5	366.2	30.0	90	- 60.0
RC	BCRC396	10,820.7	10,206.0	366.5	54.0	90	- 60.0
RC	BCRC397	10,739.3	10,289.0	368.5	23.0	90	- 60.0
RC	BCRC398	10,521.7	10,233.7	396.3	84.0	90	- 60.0
RC	BCRC399	10,534.3	10,229.2	396.2	90.0	90	- 60.0
RC	BCRC400	10,505.3	10,236.3	394.8	72.0	90	- 60.0
RC	BCRC401	10,599.5	10,206.9	384.7	42.0	90	- 60.0
RC	BCRC402	10,638.0	10,263.6	375.5	60.0	90	- 60.0
RC	BCRC403	10,658.4	10,260.9	374.3	65.0	90	- 60.0
RC	BCRC404	10,678.1	10,271.8	371.4	53.0	90	- 60.0
RC	BCRC405	10,699.0	10,286.7	369.7	30.0	90	- 61.0
RC	BCRC406	10,698.9	10,273.2	370.3	53.0	90	- 65.0
RC	BCRC407	10,742.0	10,279.4	368.7	48.0	90	- 60.0
RC	BCRC408	10,642.4	10,200.2	378.9	48.0	90	- 60.0
RC	BCRC409	10,622.8	10,198.6	379.0	48.0	90	- 60.0
RC	BCRC410	10,880.3	10,212.9	364.3	71.0	90	- 60.0
RC	BCRC411	10,079.8	10,202.1	371.8	78.0	90	- 60.0
RC	BCRC412	10,120.8	10,211.0	371.1	75.0	90	- 60.0
RC	BCRC413	10,739.4	10,215.0	373.2	42.0	90	- 60.0
RC	BCRC414	10,780.3	10,230.2	371.7	24.0	90	- 60.0
RC	BCRC416	9,999.1	10,135.2	377.0	240.0	90	- 73.0
RC	BCRC441	10,414.0	10,214.0	365.0	77.0	90	- 60.0
RC	BCRC442	10,340.0	10,231.0	365.0	69.0	90	- 70.0
RC	BCRC444	10,360.0	10,215.0	370.0	86.0	90	- 60.0
RC	BCRC445	10,326.0	10,136.0	375.0	111.0	90	- 60.0
RC	BCRC446	10,420.0	10,182.0	375.0	100.0	90	- 70.0



**APPENDIX 1B: SIGNIFICANT INTERCEPT TABLE BUTCHERS CREEK**

Reported by Section Northing – From North to South (Butchers Creek Local Grid)

Cut-off grade of 1g/t over 2m with up to 4m internal dilution

Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10800	BCRC 452	NSI				-
10800	BCRC 333	NSI				-
10800	BCRC 358	21	24	3	1.9	5.67
10800	BCRC427	52	64	12	4.5	54.42
10800	BCRC332	40	45	5	2.7	13.26
10800	BCRC373	NSI				-
10780	BCP213	NSI				-
10780	BCRC375	68	82	14	0.9	13.06
10780	BCRC225	43	48	5	2.5	12.73
10780	BCRC359	22	24	2	5.2	10.49
10780	BCP141	NSI				-
10780	BCRC414	14	16	2	2.9	5.84
10780	BCP212	NSI				-
10760	BCRC376	67	68	2	1.6	3.18
10760	BCRC359	16	18	2	1.2	2.44
10760	BCRC359	31	35	4	16.3	65.28
10760	BCRC378	15	16	2	1.2	2.39
10760	BCRC378	26	29	3	1.8	5.50
10760	BCRC378	34	35	2	1.2	2.46
10760	BCRC460	NSI				-
10740	BCRC377	NSI				-
10740	BCD008	NSI				-
10740	BCRC413	20	23	3	1.5	4.54
10740	BCRC459	11	12	2	1.9	3.86
10740	BCRC426	49	51	2	3.1	6.29
10740	BCRC407	NSI				-
10740	BCD013	13	17	4	1.9	7.51
10740	BCRC397	8	12	4	1.3	5.32
10720	BCRC360	52	53	2	1.0	1.92
10720	BCRC360	58	61	3	1.5	4.43
10720	BCRC360	67	69	2	6.2	12.46
10720	BCD226	30	32	2	2.0	4.00
10720	BCRC437	44	46	2	2.3	4.56
10720	BCRC437	48	49	2	1.0	2.00
10720	BCRC379	NSI				-
10720	BCP137	19	21	2	3.3	6.52
10720	BCRC425	NSI				-
10720	BCRC346	27	30	3	7.7	23.06
10720	BCRC355	NSI				-
10700	BCRC361	65	71	6	2.7	16.22
10700	BCP221	32	35	3	2.0	5.89
10700	BCP221	55	56	2	1.7	3.48
10700	BCP136	NSI				-
10700	BCRC380	12	14	2	1.4	2.71
10700	BCRC380	24	30	6	2.6	15.30
10700	BCP223	NSI				-
10700	BCRC406	NSI				-
10700	BCRC405	NSI				-
10680	BCRC362	63	65	2	1.4	2.81
10680	BCP220	40	42	2	2.6	5.29
10680	BCRC438	22	23	2	1.3	2.57
10680	BCRC438	40	42	2	1.9	3.70
10680	BCRC2381	19	20	2	1.1	2.29
10680	BCRC2381	29	35	6	1.5	9.11
10680	BCP222	NSI				-
10680	BCRC424	NSI				-

Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10680	BCRC404	NSI				-
10680	BCP209	NSI				-
10680	BCRC388	NSI				-
10680	BCP113	NSI				-
10660	BCRC450	84	85	2	1.2	2.46
10660	BCRC450	101	102	1.75	0.0	-
10660	BCRC363	65	70	5	5.4	27.20
10660	BCRC363	79	81	2	5.0	10.01
10660	BCRC390	14	22	8	1.7	13.22
10660	BCRC436	43	47	4	3.7	14.88
10660	BCP134	14	16	2	2.5	5.06
10660	BCD188	15	17	2	2.5	5.06
10660	BCP074	6	16	10	1.5	14.80
10660	BCRC403	NSI				-
10660	BCP208	NSI				-
10660	BCRC387	4	16	12	1.7	20.75
10660	BCRC387	24	25	2	1.3	2.61
10660	BCP111	NSI				-
10640	BCRC364	75	84	9	1.6	14.78
10640	BCRC435	50	57	7	1.1	7.60
10640	BCD169	30	32	2	1.0	2.08
10640	BCD169	40	44	4	2.3	9.30
10640	BCD169	71	77	6	4.3	25.91
10640	BCP133	20	22	2	22.9	45.80
10640	BCRC408	11	21	10	1.3	12.50
10640	BCP128	12	14	2	4.6	9.28
10640	BCP073	6	8	2	1.1	2.14
10640	BCP073	14	16	2	1.1	2.24
10640	BCRC423	NSI				-
10640	BCRC402	30	45	15	1.4	20.44
10640	BCRC386	3	23	20	1.8	35.60
10640	BCP207	NSI				-
10640	BCP112	NSI				-
10620	BCRC365	60	63	3	1.3	4.04
10620	BCD011	NSI				-
10620	BCP132	NSI				-
10620	BCD120	NSI				-
10620	BCP156	NSI				-
10620	BCRC422	56	58	2	1.5	3.05
10620	BCRC385	49	52	3	1.0	3.10
10620	BCP157	NSI				-
10620	BCRC384	13	20	7	2.4	16.87
10620	BCRC384	24	26	2	3.6	7.29
10620	BCP206	10	20	10	1.4	14.08
10620	BCP154	20	34	14	1.0	14.62
10600	BCRC366	NSI				-
10600	BCRC433	30	32	2	1.4	2.79
10600	BCRC433	54	59	5	2.7	13.50
10600	BCD228	44	56	12	1.6	19.07
10600	BCP131	NSI				-
10600	BCRC444	9	17	8	2.0	16.24
10600	BCP211	NSI				-
10600	BCP155	NSI				-
10600	BCRC383	46	48	2	1.1	2.26
10600	BCRC382	14	24	10	1.9	18.56
10600	BCRC382	31	33	2	1.7	3.49
10600	BCP210	NSI				-
10580	BCRC430	75	77	2	1.6	3.18
10580	BCRC265	52	56	4	1.3	5.11
10580	BCP069	30	32	2	1.6	3.18

Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10580	BCD084	18	27	9	2.4	21.86
10580	BCD084	30	35	5	4.5	22.68
10580	BCRC420	39	41	2	3.2	6.41
10580	BCP211	NSI				-
10580	BCRC419	10	12	2	1.7	3.44
10580	BCRC308	NSI				-
10580	BCP151	NSI				-
10560	BCRC266	62	64	2	1.1	2.10
10560	BCD227	39	44	5	3.3	16.34
10560	BCP072	12	36	24	2.7	65.37
10560	BCD005	NSI				-
10560	BCRC418	30	33	3	9.3	28.01
10560	BCRC418	43	45	2	2.1	4.29
10560	BCRC389	NSI				-
10560	BCRC427	4	19	15	3.1	46.48
10560	BCP130	10	14	4	1.3	5.34
10560	BCP130	22	24	2	1.7	3.36
10560	BCRC307	NSI				-
10560	BCRC308	NSI				-
10560	BCP129	NSI				-
10560	BCP150	42	44	2	1.6	3.14
10540	BCD140	74	77	3	3.1	9.22
10540	BCD140	82	84	2	1.0	2.02
10540	BCRC283	45	51	6	1.7	10.48
10540	BCRC283	56	59	3	2.9	8.77
10540	BCRC432	13	16	3	3.3	9.92
10540	BCRC432	19	26	7	1.8	12.94
10540	BCD083	20	30	10	3.3	33.32
10540	BCD083	34	45	11	2.7	30.07
10540	BCP067	14	36	22	3.4	73.90
10540	BCP103	NSI				-
10540	BCRC399	NSI				-
10540	BCP066	4	18	14	4.5	63.66
10540	BCP066	22	30	8	2.3	18.58
10540	BCP127	NSI				-
10540	BCRC306	NSI				-
10540	BCP179	NSI				-
10540	BCRC307	39	41	2	1.3	2.65
10540	BCD149	46	48	2	6.7	13.35
10520	BCRC398	37	41	4	2.4	9.41
10520	BCRC398	29	31	2	2.5	4.93
10520	BCRC284	58	64	6	1.8	10.51
10520	BCRC247	NSI				-
10520	BCP148	NSI				-
10520	BCP126	NSI				-
10520	BCP125	NSI				-
10520	BCP104	0	4	4	4.4	17.56
10520	BCP071	2	16	14	2.2	30.96
10500	BCRC400	NSI				-
10500	BCRC371	NSI				-
10500	BCRC285	49	51	2	2.2	4.38
10500	BCP124	NSI				-
10500	BCP123	NSI				-
10500	BCP065	10	20	10	3.0	30.24
10500	BCD010	23	30	7	4.1	28.44
10500	BCD010	38	41	3	1.3	3.95
10480	BCRC246	40	48	8	1.7	13.86
10480	BCD238	60	62	2	6.7	13.41
10480	BCD238	77	80	3	3.2	9.70
10480	BCP146	NSI				-



Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10480	BCP122	NSI				-
10480	BCP064	32	42	10	2.3	22.68
10480	BCP063	10	18	8	2.3	18.24
10480	BCP062	NSI				-
10480	BCP061	24	30	6	2.4	14.20
10480	BCD024	NSI				-
10460	BCRC288	NSI				-
10460	BCRC300	11	17	6	1.7	10.25
10460	BCRC299	10	12	2	1.7	3.38
10460	BCP121	22	32	10	1.7	17.00
10459	BCRC282	101	103	2	2.4	4.88
10460	BCD237	61	68	7	35.6	249.13
10460	BCP060	NSI				-
10460	BCD237	84	87	3	1.8	5.35
10460	BCP145	NSI				-
10460	BCP059	NSI				-
10460	BCD237	94	97	3	3.2	9.46
10460	BCP058	NSI				-
10460	BCP025	NSI				-
10440	BCRC292	NSI				-
10440	BCRC280	NSI				-
10440	BCD187	49	56	7	10.1	70.68
10440	BCD187	72	80	8	2.7	21.90
10440	BCD183	NSI				-
10440	BCP144	NSI				-
10440	BCD105	32	35	3	3.4	10.12
10440	BCD105	26	30	4	1.2	4.88
10420	BCRC446	70	72	2	1.3	2.53
10420	BCRC320	45	47	2	2.1	4.17
10420	BCRC320	82	103	21	1.6	33.91
10420	BCRC309	36	45	9	1.9	16.83
10420	BCP215	NSI				-
10420	BCD182	51	60	9	5.8	52.55
10420	BCD181	55	70	15	3.3	49.47
10420	BCD181	77	81	4	3.3	13.14
10420	BCP143	18	24	6	12.0	71.90
10420	BCP143	32	50	18	19.8	356.80
10400	BCRC278	46	52	6	2.0	11.81
10400	BCRC258	55	65	10	3.4	34.01
10400	BCRC278	86	88	2	1.8	3.52
10400	BCD186	NSI				-
10400	BCD185	37	44	7	1.5	10.36
10400	BCP184	NSI				-
10400	BCP107	8	24	16	2.1	32.82
10400	BCD009	NSI				-
10400	BCP003	NSI				-
10380	BCRC279	NSI				-
10380	BCRC277	NSI				-
10380	BCP106	61	63	2	3.0	6.03
10380	BCP056	NSI				-
10380	BCP055	NSI				-
10360	BCRC290	NSI				-
10360	BCRC275	41	46	5	2.3	11.51
10360	BCD169	NSI				-
10360	BCP108	NSI				-
10360	BCP053	0	24	24	2.4	58.32
10360	BCP054	10	16	6	4.2	25.18
10360	BCP002	0	9	9	2.3	20.93
10340	BCRC310	4	6	2	1.5	3.06
10340	BCRC310	9	14	5	2.1	10.72

Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10340	BCRC253	NSI				-
10340	BCP109	22	24	2	1.5	3.08
10340	BCP099	4	6	2	2.1	4.26
10340	BCP097	NSI				-
10340	BCP096	0	2	2	2.5	5.04
10340	BCP090	NSI				-
10340	BCD082	NSI				-
10340	BCP052	8	12	4	7.5	30.10
10340	BCP052	20	28	8	31.1	249.14
10340	BCP051	6	18	12	2.1	25.24
10340	BCP050	0	44	44	2.6	112.22
10320	BCRC445	NSI				-
10320	BCD324	0	44	44	2.9	127.98
10320	BCRC311	22	27	5	32.5	162.59
10320	BCRC276	66	68	2	2.5	4.90
10320	BCP114	NSI				-
10320	BCP098	45	51	6	3.8	22.55
10320	BCP094	0	4	4	3.0	12.17
10320	BCP093	NSI				-
10320	BCP092	NSI				-
10320	BCP091	4	7	3	2.3	6.91
10320	BCP091	14	18	4	2.5	9.83
10320	BCRC081	0	32	32	4.3	137.62
10320	BCRC80	0	16	16	3.6	57.08
10320	BCRC049	NSI				-
10320	BCRC048	4	48	44	3.6	158.10
10320	BCRC047	0	50	50	2.3	117.46
10300	BCRC372	75	79	4	1.4	5.78
10300	BCD325	5	27	22	2.4	53.57
10300	BCRC255	96	99	3	2.4	7.27
10300	BCRC252	20	22	2	2.5	4.98
10300	BCD229	41	45	4	4.6	18.20
10300	BCD201	90	105	15	2.5	37.79
10300	BCP115	34	36	2	2.1	4.11
10300	BCRC046	NSI				-
10300	BCRC045	18	24	6	2.9	17.12
10300	BCRC042	4	30	26	2.9	74.10
10300	BCRC042	58	62	4	5.1	20.20
10300	BCD012	NSI				-
10280	BCP116	28	32	4	2.2	8.88
10280	BCP116	36	38	2	2.2	4.36
10280	BCP116	44	56	12	1.5	18.12
10280	BCP001	0	6	6	1.9	11.40
10280	BCP001	28	41	13	4.6	60.19
10280	BCP043	10	17	7	2.5	17.50
10280	BCP044	NSI				-
10280	BCRC256	36	38	2	6.9	13.80
10280	BCRC256	96	104	8	3.4	27.36
10280	BCP088	47	49	2	2.2	4.44
10280	BCRC321	64	69	5	3.2	15.90
10280	BCP088	66	70	4	1.5	5.92
10280	BCP088	55	60	5	1.8	9.05
10260	BCRC260	28	30	2	3.4	6.80
10260	BCRC260	34	38	4	2.9	11.76
10260	BCP117	35	43	8	1.4	10.96
10260	BCP041	8	20	12	2.4	28.80
10260	BCP089	2	10	8	3.4	26.96
10260	BCP040	26	28	2	2.7	5.34
10260	BCD327	36	43	7	27.7	193.76
10260	BCRC274	41	43	2	29.7	59.36

Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10260	BCP087	NSI				-
10260	BCRC369	92	94	2	1.1	2.16
10260	BCRC293	74	76	2	2.5	4.96
10260	BCRC260	29	31	2	3.5	7.08
10260	BCRC260	34	38	4	3.4	13.44
10260	BCP117	36	44	8	1.4	11.52
10240	BCP118	36	42	6	1.9	11.28
10240	BCRC257	24	31			-
10240	BCRC257	60	65	5	1.6	8.10
10240	BCD038	NSI				-
10240	BCP086	49	52	3	38.2	114.60
10240	BCRC457	9	12	3	3.6	10.71
10240	BCD326	NSI				-
10240	BCRC263	NSI				-
10240	BCRC287	86	93	7	1.3	8.96
10240	BCP118	36	42	6	1.8	11.04
10220	BCP119	14	16	2	4.0	8.04
10220	BCP119	20	22	2		-
10220	BCP119	36	38	2	1.2	2.40
10220	BCP170	NSI				-
10220	BCP037	25	27	2	8.6	17.24
10220	BCP022	80	82	2	1.2	2.40
10220	BCP085	48	51	3	2.3	6.84
10220	BCRC314	78	81	3	1.8	5.34
10220	BCP110	20	22	2	4.2	8.38
10220	BCP110	36	38	2	1.2	2.46
10220	BCP110	14	16	2	4.0	8.04
10220	BCP170	NSI				-
10220	BCRC262	57	65	8	2.0	16.08
10220	BCRC85	47	50	3	14.5	43.62
10220	BCRC314	78	81	3	1.8	5.37
10200	BCP031	NSI				-
10200	BCP077	NSI				-
10200	BCP078	NSI				-
10200	BCP014	32	34	2	2.6	5.18
10200	BCRC261	NSI				-
10200	BCP031	NSI				-
10200	BCRC077	NSI				-
10200	BCRC076	NSI				-
10200	BCRC078	NSI				-
10200	BCRC319	NSI				-
10200	BCRC079	NSI				-
10200	BCRC353	NSI				-
10200	BCP014	44	46	2	1.1	2.18
10200	BCRC261	NSI				-
10180	BCP034	70	82	12	3.0	35.76
10180	BCP021	81	91	10	3.1	30.90
10180	BCD027	78	92	14	3.8	52.64
10180	BCP015	69	84	15	3.7	55.05
10180	BCRC034	42	44	2	2.1	4.14
10180	BCRC034	70	80	10	3.5	35.00
10180	BCP021	82	92	10	3.1	31.30
10180	BCD027	78	92	14	3.8	52.50
10180	BCRC313	81	84	3	1.9	5.73
10160	BCP159	39	45	6	1.4	8.40
10160	BCRC270	59	61	2	7.0	14.00
10160	BCRC270	89	92	3	1.5	4.56
10160	BCD230	72	80	8	13.0	104.32
10160	BCRC289	61	63	2	1.2	2.46
10160	BCP160	NSI				-



Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10160	BCRB317	34	36	2	1.0	2.00
10160	BCRC270	64	66	2	7.0	14.00
10160	BCRC270	88	90	2	1.5	3.04
10160	BCRC289	67	69	2	1.2	2.46
10140	BCRC251	48	55	7	3.5	24.78
10140	BCRB175	34	46	12	2.3	27.12
10140	BCRC033	34	36	2	5.3	10.66
10140	BCRC033	48	74	26	1.5	37.96
10140	BCP028?	NSI				-
10140	BCRC271	62	64	2	1.8	3.66
10140	BCD230	49	64	15	3.0	44.55
10140	BCRC251	47	54	7	3.6	25.10
10140	BCP175	34	46	18	2.2	39.96
10140	BCP162	42	46	4	1.7	6.92
10140	BCP162	56	60	4	1.5	5.96
10140	BCP33	48	74	26	1.4	37.44
10140	BCP026	NSI				-
10140	BCRC271	63	65	2	1.8	3.66
10140	BCRC316	74	76	2	1.2	2.42
10120	BCRB164	65	76	11	1.7	18.48
10120	BCRB164	56	63	7	9.0	63.28
10100	BCRC312	NSI				-
10100	BCRB167	NSI				-
10100	BCRB172	NSI				-
10100	BCRC272	88	91	3	1.8	5.37
10100	BCRC272	96	118	22	3.5	77.00
10100	BCRC272	71	75	4	1.3	5.20
10100	BCD323	79	98	19	3.8	71.63
10100	BCD180	82	96	14	7.5	105.28
10100	BCD180	100	109	9	1.2	11.07
10100	BCD250	78	97	19	8.5	160.93
10100	BCRC454	57	69	12	2.3	27.72
10100	BCRC273	30	32	2	6.8	13.64
10100	BCRC273	52	58	6	5.9	35.28
10100	BCRC456	55	57	2	1.9	3.82
10100	BCRC456	63	69	6	1.4	8.34
10100	BCRC456	71	73	3	1.5	4.47
10100	BCRC272	70	74	4	1.3	5.20
10100	BCRC272	88	91	3	1.8	5.37
10100	BCRC272	96	118	22	4.2	92.84
10100	BCRC272	64	66	2	3.1	6.10
10100	BCRC285	78	80	2	1.7	3.36
10100	BCRC312	NSI				-
10080	BCD180	NSI				-
10080	BCP174	NSI				-
10080	BCRC297	74	80	6	1.6	9.84
10080	BCP017	50	100	50	3.3	165.50
10080	BCRC318	70	84	14	1.3	18.06
10080	BCRC318	113	141	29	3.9	113.68
10080	BCP036	44	112	68	2.5	170.68
10080	BCD173	61	92	31	2.4	74.71
10060	BCD370	74	86	12	1.5	18.24
10060	BCRC268	68	89	21	1.9	39.06
10060	BCRC291	76	78	2	1.4	2.74
10060	BCRC291	65	67	2	3.9	7.84
10060	BCRC291	56	59	3	1.7	5.19
10060	BCD231	87	107	21	4.0	84.21
10040	BCRC296	127	138	11	2.7	29.48
10040	BRRC298	87	100	13	1.2	15.21
10040	BCRC267	77	79	2	5.0	9.96

Section Northing	Hole #	From (m)	To (m)	Interval (m)	Grade Au (g/t)	Grade.thickness (g.m)
10020	BCRC298	107	127	20	3.0	59.09
10020	BCP030	127	129	2	1.3	2.58
10020	BCRC315	NSI				-
10000	BCRC416	135	146	11	1.1	12.44
10000	BCP018	NSI				-
10000	BCP019	NSI				-
9980	BCRC322	148	150	2	27.4	54.74
9960	BCRC322	164	170	6	14.0	83.80
9940	BCRC334	128	139	11	2.5	27.45
9940	BCRC334	155	190	47	2.3	108.79
9860	BCD336	170	208	38	2.4	92.32
9820	BCD339	234	242	8	2.4	18.94
9820	BCD339	252	261	9	1.5	13.48
9820	BCD339	312	317	5	1.7	8.57

## Appendix 1C- JORC Code, 2012 Edition – Table 1 report for Butchers Creek

### Section 1 Sampling Techniques and Data

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

Criteria	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> <li>• RC/PERC sampling was generally conducted on 1 metre and 2 metre samples down the drill holes.</li> <li>• Standard RC sampling techniques at the time employed riffle splitters (common references to a Jones splitter) to split the samples.</li> <li>• DD sampling was generally conducted on 1 metre samples down the drill hole, with occasional samples &lt; 1 metre designed to test geologic intervals. Half core was sampled.</li> </ul>
<i>Drilling techniques</i>	<ul style="list-style-type: none"> <li>• RAB (BCRB*) drilling was used to test low priority areas east of the open cut</li> <li>• PERCUSSION (BCP*) drilling used a 5.5' hammer, a variety of rigs were used, including: Warman 1000 and Warman 750.</li> <li>• REVERSE CIRCULATION (BCRC) The majority of the RC drilling was carried out between 1993-1994 A 5"inch face sampling hammer was used. A variety of rigs were utilised, including a Schramm 685.</li> <li>• DIAMOND (BCD*) drilling: produced HQ diameter core.</li> </ul>
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li>• For BCD drilling, core loss was often recorded in the Comments section of the summary logging sheets, as well as being recorded in a specific column of detailed logging sheets. For PERC/RC drilling the Comments section records where there was 'wet sample' or 'no sample' return.</li> <li>• There is no documentation regarding maximizing recoveries. However, the use of suitable capacity drill rigs (mentioned above) allows for best possible recoveries.</li> <li>• There is no reference to sample size producing a grade bias.</li> <li>• A number of RC holes were twinned with diamond core. For several holes both grade and intersection width varied significantly. This will need to be followed up in subsequent work.</li> </ul>
<i>Logging</i>	<ul style="list-style-type: none"> <li>• RC/PERC drill holes were geologically logged on a combination of 1 and 2 metre intervals.</li> <li>• Logging is qualitative in nature recording: oxidation, texture, rock type, structure type and alpha angles, alteration type and intensity, sulphide type and percentages.</li> </ul>
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> <li>• DD samples: half core was cut and sampled.</li> <li>• RC/PERC samples: where reference is made to sampling the samples were split (Jones splitter) and a minimum of 2 kg submitted to laboratories.</li> <li>• Both sampling methods are considered appropriate for Au determination given the bulk sample size.</li> <li>• Standard Industry practices supports the above sampling protocols.</li> <li>• No information is provided around duplicate samples</li> <li>• Sample sizes conform with Industry Standards for Au detection in PERC/RC and DD drilling methods employed.</li> </ul>
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> <li>• Assaying was carried out at reputable, accredited Laboratories used extensively in Mining &amp; Exploration industry at the time, including: - <ul style="list-style-type: none"> <li>○ Australian Analytical Laboratories (Perth) Au determination by Fire Assay (50g charge), and Aqua Regia.</li> <li>○ Perth Assay Laboratories (Perth) Au determination by Fire Assay (50g charge).</li> <li>○ Assay Corp Pty Ltd (Halls Creek, WA) Au determination by Fire Assay (50g charge).</li> </ul> </li> <li>• No additional methods or tools for sampling are considered in the text.</li> <li>• Quality Control Procedures are poorly documented.</li> </ul>

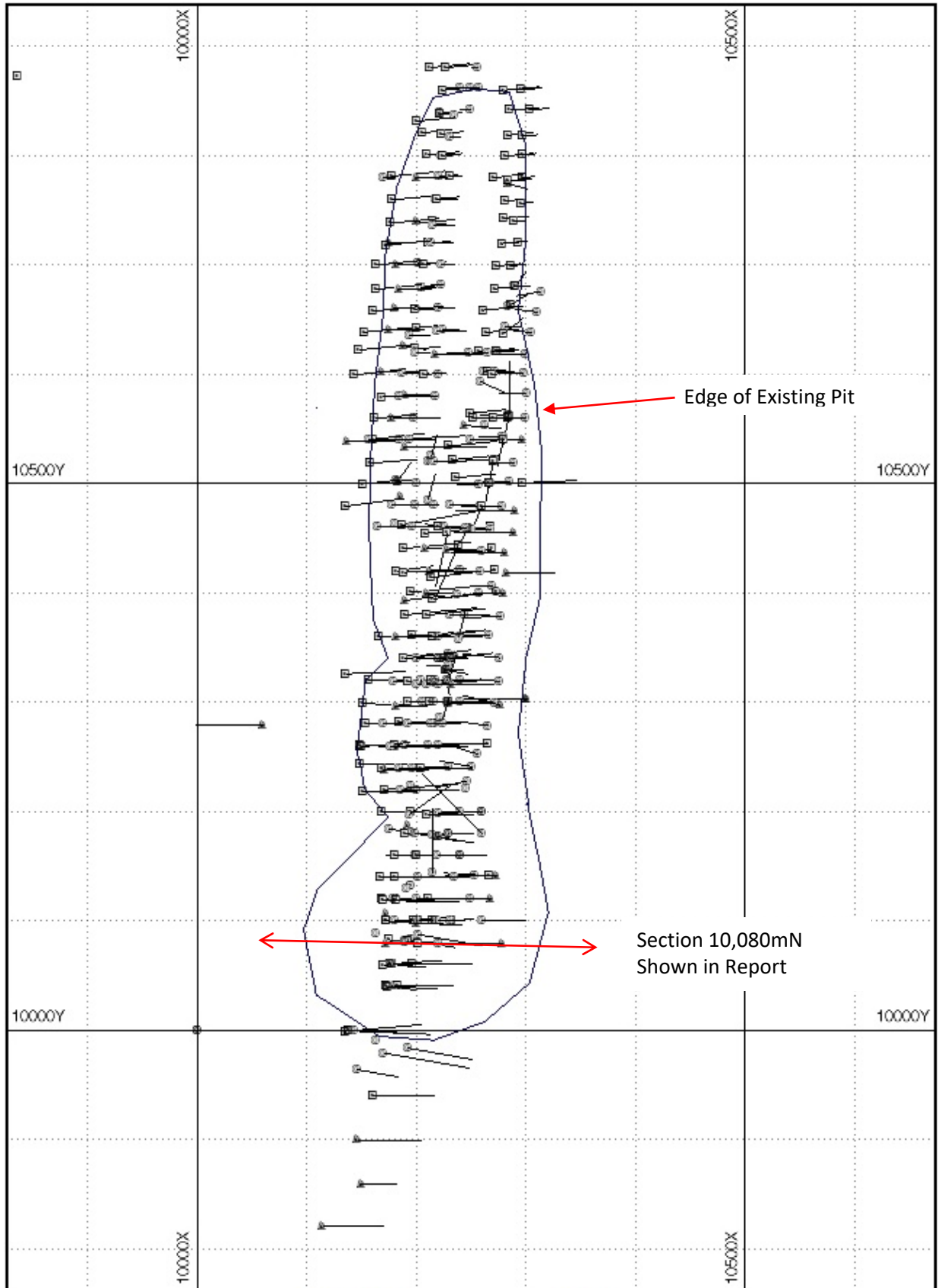
Criteria	Commentary
<i>Verification of sampling and assaying</i>	<ul style="list-style-type: none"> <li>• Significant intersections in the area of the existing pit were supported by grade control drilling. The author is encouraged by reported recovered mill reconciled grades of 2.09g/t Au versus a stated resource grade of 2.10g/t Au. While this is not compelling it does lend weight to accurate drilling grades.</li> <li>• Twin holes are present throughout the Butchers Creek pit, commonly to check the original percussion (BCP*) drill holes using RC drilling. Several RC holes (BCRC*) were twinned by diamond holes (BCD*).</li> <li>• Data capture and data entry was in keeping with Industry Standards for the period from 1970 to 1999. Drill holes were individually logged in hard copy (paper) and entered into spreadsheets and/or a Database for manipulation of the data on sections and plans.</li> <li>• Copies of original logging were kept on site and also filed with Department as part of Annual Technical Reports. Unfortunately MEI have been unable to retrieve a digital database and are in the process of recreating it from: original drill hole records including, survey, logging and assay data.</li> <li>• A complete set of hard copy working sections at 20m intervals were recovered.</li> <li>• Open File data in the form of Annual Technical Reports previously submitted to the Mines Department will be used for the ongoing digital capture of historic data.</li> <li>• All assay intersections reported in this ASX release were obtained from scanned, georeferenced historic drill sections.</li> <li>• Assays reported were based on those reporting 2m &gt;1g/t and calculating the arithmetic mean for uncut grade.</li> <li>• The depth of the intersection was digitally measured from scanned georeferenced historic cross sections. These depths have an accuracy of +/-5m depending on azimuth orientation of the drill hole in relation to the cross section orientation.</li> <li>• All hard copy historic assays will be compiled into a database by using Optical Character Recognition (OCR) software to capture tabulated hard copy data or by manually capturing assay results from hard copy drill logs.</li> <li>• Assay data has not been adjusted. The AU1 grade was used for calculation purposes.</li> </ul>
<i>Location of data points</i>	<ul style="list-style-type: none"> <li>• Collar co-ords were set out in Local Grid and recorded in drill logs. The collars haven't been converted to MGA co-ordinate system.</li> <li>• During the 1990s Precious Metals Australia picked up drill hole collars and baselines) using contract surveyors Raneiri, Bateman &amp; Ingram (Perth).</li> <li>• The holes were picked up on a local grid with a N-S orientated baseline referenced as 10,200mE.</li> <li>• These pickups are considered adequate as a basis for the design of additional exploration drilling.</li> </ul>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li>• Drilling over the historical resource areas at Butchers generally uses a 20m collar spacing, with sections 20m apart.</li> <li>• Regional prospects were drilled with a 100m to 200m collar spacing.</li> <li>• The drill spacing is considered sufficient to support historic resources at Butchers Creek.</li> <li>• No compositing has been applied to exploration results.</li> </ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li>• The structural orientation of mineralized vein system at Mt Bradley is poorly understood. No orientated drill core was generated by PMA for resource modelling. Mapping of the pit floor and walls during open cut mining by PMA identified a complex vein system.</li> <li>• The drill orientation at Mt Bradley is dominantly at right angles to the strike of the stratigraphy but not necessarily the vein array. The majority of holes at Butchers Creek are angled with an easterly drill azimuth, which is optimal to test both steep and shallow west dipping mineralisation.</li> <li>• Several vertical holes and west dipping drill holes are shown on section.</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li>• There is no information regarding sample security.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>• No audits or reviews have been conducted on the project.</li> </ul>








## Section 2 Reporting of Exploration Results

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>Tenement data is listed in the body of the report.</li> <li>Native Title clearances are required for ongoing exploration drilling</li> <li>A Third party agreement exists over a priority ML covering mineralisation in the Palm Springs pit and is covered in the body of the text.</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>Low-Level aeromagnetics – radiometric survey was flown over 30% of the project area in Dec 1996.</li> <li>Southern Geoscience completed a litho-structural analysis of the aeromagnetic and identified 16 exploration targets for gold mineralisation.</li> <li>Two regional stream sediment surveys were completed Geochemex (1996) and Stockdale (1997) and 440 sites sampled.</li> <li>PMA completed infill stream sediment sampling of 16 target areas and three high priority areas were identified.</li> <li>There hasn't been any systematic exploration or drilling of these tenements since mine closure in June 1997.</li> <li>A desktop review in 1999 of existing geological data identified seven target areas for gold mineralisation within a 30km radius of Palm Springs</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>The Mt Bradley project is located within the Halls Creek Mobile Zone and includes numerous gold occurrences, the majority of which are associated with quartz vein systems developed within anticlinal hinges and adjacent to fault zones. The mine sequence is composed of Lower Proterozoic turbiditic sediments, trachyandesitic volcanics of the Olympio Formation, Butchers Ck Member and basic sills and dykes, which are tightly folded and metamorphosed to greenschist facies. The eastern side of the Palm Springs pit is located adjacent to a steeply dipping regional N-S trending shear zone.</li> <li>Mineralisation is associated with the quartz vein arrays associated with the brittle deformation of massive trachyandesite, particularly where its highly altered, with a high sulphide occurrence.</li> <li>Gold mineralisation is associated with anticlinal fold hinges, which plunges at 20-30degrees to the south from the southern limit of the open cut.</li> <li>The folded trachyandesite is within a tightly folded overturned anticline, with the western limb dipping 70 west and eastern limb dipping 85 degrees west dipping, beside a major north trending regional shear zone.</li> <li>The axial plane shear of the antiform enhances mineralisation, and mineralized cross-cutting conjugate faults off-set north trending lodes.</li> </ul>
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <li>Refer to Dill Collar Tables in Appendix I.</li> </ul>
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <li>Reported gold grades are uncut.</li> <li>A simple arithmetic mean was calculated from the assay intervals presented on historic cross sections.</li> </ul>
<i>Relationship of true widths and intercept width</i>	<ul style="list-style-type: none"> <li>All assay intervals are down hole intersections, the true width isn't reported.</li> <li>The open cut was mined to a depth of 70m to the 320mRL in the Northern Pit and to a depth of 53m, to the 337.5mRL in the Southern Pit.</li> </ul>
<i>Diagrams</i>	<ul style="list-style-type: none"> <li>Refer to Dill Collar plots in Appendix I.</li> </ul>
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li>All available holes are published</li> <li>Refer to Mineralised Intercepts Tables in Appendix I.</li> </ul>
<i>Other exploration data</i>	<ul style="list-style-type: none"> <li>There is no other substantive exploration data that is meaningful and material to the current Release.</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li>See body of report</li> </ul>

**APPENDIX 1D: Butchers Creek Drill Hole Location Plan**



	<b>Drill Hole Type</b>  Diamond  Reverse Circulation  Percussion	Scale: As Appropriate	Plot Date: 14 Jun 2010	Sheet 1 of 1	<b>Drill Collar Plot</b> Butchers Creek
		Plot File: Vizex		20 0 20m 	

**APPENDIX 2A: SIGNIFICANT INTERCEPT & COLLAR FILE Golden Crown and Faugh-a-Ballagh**

Cut off grade 1 g/t over 2m with up to 2m internal dilution

Hole_No	Intercept [FROM DEPTH]	Hole_Type	East (m)	North (m)	RL (m)	EOH (m)	Azm	Dip
BGP001	NO SIGNIFICANT INTERCEPT	RC	9884.4	9893.6	396.5	40	125	-60
BGP002	NO SIGNIFICANT INTERCEPT	RC	9865.2	9892.9	396.5	66	125	-60
BGP002	NO SIGNIFICANT INTERCEPT	RC	9884.4	9782.4	403.1	40	125	-60
BGP004	2m@4.4g/t Au [3m]	RC	9870.5	9780.2	402.4	62	125	-60
BGP004	2m@1.2g/t Au [9m]							
BGP004	2m@1.1g/t Au [19m]							
BGP005	NO SIGNIFICANT INTERCEPT	RC	9885.5	9707.4	407.8	45	125	-60
BGP006	<b>2m@7.6g/t Au [45m]</b>	RC	9863.3	9707.6	402.5	72	125	-60
BGP007	NO SIGNIFICANT INTERCEPT	RC	9875.5	9600.3	388.2	58	125	-60
BGP008	2m@1.6g/t Au [4m]	RC	9887.4	9501.4	395.6	48	127	-60
BGP008	<b>3m@14.7g/t Au [13m]</b>							
BGP008	2m@4.8g/t Au [20m]							
BGP009	NO SIGNIFICANT INTERCEPT	RC	9880.2	9399.5	389.2	52	125	-60
BGP010	NO SIGNIFICANT INTERCEPT	RC	9835.1	9200.4	389.3	34	125	-60
BGP011	2m@2.6g/t Au [7m]	RC	9805.0	9200.5	388.0	42	125	-60
BGP011	2m@2.3g/t Au [18m]							
BGP012	NO SIGNIFICANT INTERCEPT	RC	9821.4	8999.4	387.6	30	125	-60
BGP013	NO SIGNIFICANT INTERCEPT	RC	9801.3	8999.2	388.0	32	125	-60
BGP014	NO SIGNIFICANT INTERCEPT	RC	9781.2	8999.1	389.1	44	125	-60
BGP015	2m@2.6g/t Au [19m]	RC	9888.6	9999.8	386.8	45	125	-60
BGP016	NO SIGNIFICANT INTERCEPT	RC	9868.3	10000.2	386.7	70	125	-60
BGP017	NO SIGNIFICANT INTERCEPT	RC	9896.3	10097.6	382.7	58	125	-60
BGP018	NO SIGNIFICANT INTERCEPT	RC	9881.1	10098.3	383.2	78	125	-60
BGP019	<b>3m@18g/t Au [6m]</b>	RC	10055.0	10599.8	388.5	40	125	-60
BGP020	NO SIGNIFICANT INTERCEPT	RC	10035.2	10599.4	387.4	66	128	-60
BGP021	NO SIGNIFICANT INTERCEPT	RC	10055.7	10699.9	400.1	39	124	-60
BGP022	2m@1g/t Au [31m]	RC	10034.9	10699.7	396.2	60	127	-60
BGP022	2m@1.2g/t Au [36m]							
BGP023	NO SIGNIFICANT INTERCEPT	RC	10050.5	10799.0	395.9	37	125	-60
BGP024	NO SIGNIFICANT INTERCEPT	RC	10030.2	10799.3	393.9	58	126	-60
BGP025	NO SIGNIFICANT INTERCEPT	RC	10050.0	10899.9	398.0	33	125	-60
BGP026	NO SIGNIFICANT INTERCEPT	RC	10030.1	10899.9	396.5	60	125	-60
BGP027	NO SIGNIFICANT INTERCEPT	RC	10054.8	10999.5	390.2	32	125	-60
BGP028	2m@1.1g/t Au [36m]	RC	10035.0	10999.8	390.0	57	125	-60
BGP028	NO SIGNIFICANT INTERCEPT							
BGP029	NO SIGNIFICANT INTERCEPT	RC	10060.5	11099.8	390.8	33	125	-60
BGP030	NO SIGNIFICANT INTERCEPT	RC	10040.2	11099.7	391.1	60	125	-60
BGP031	NO SIGNIFICANT INTERCEPT	RC	10070.4	11200.4	390.6	42	125	-60
BGP032	NO SIGNIFICANT INTERCEPT	RC	9990.8	10399.7	380.3	100	125	-60
BGP033	NO SIGNIFICANT INTERCEPT	RC	10029.3	10503.0	396.3	60	125	-60
BGP034	3m@1.9g/t Au [46m]	RC	10003.7	10500.5	393.4	90	127	-60
BGP034	2m@1.1g/t Au [66m]							
BGP035	2m@3g/t Au [75m]	RC	9976.5	10498.3	386.9	100	124	-60

Hole_No	Intercept [FROM DEPTH]	Hole_Type	East (m)	North (m)	RL (m)	EOH (m)	Azm	Dip
BGP036	NO SIGNIFICANT INTERCEPT	RC	10005.2	10601.0	390.8	88	126	-60
BGP037	NO SIGNIFICANT INTERCEPT	RC	9984.5	10601.0	388.7	108	125	-60
BGP038	<b>4m@4.3g/t Au [66m]</b>	RC	10014.6	10699.2	395.1	84	127	-60
BGP039	6m@1g/t Au [85m]	RC	9990.8	10700.5	395.5	100	125	-60
BGP039	2m@1.3g/t Au [89m]							
BGP040	NO SIGNIFICANT INTERCEPT	RC	9969.5	10701.6	390.8	100	125	-60
BGP041	NO SIGNIFICANT INTERCEPT	RC	9948.4	10700.7	388.2	80	125	-60
BGP042	NO SIGNIFICANT INTERCEPT	RC	9928.2	10700.6	389.6	90	125	-60
BGP043	<b>5m@6.6g/t Au [61m]</b>	RC	9864.2	9502.2	390.9	77	125	-60
BGP044	NO SIGNIFICANT INTERCEPT	RC	9850.5	9400.5	383.6	92	125	-60
BGP045	<b>6m@44g/t Au [14m]</b>	RC	10016.2	10480.8	388.1	69	131	-60
BGP045	2m@2.5g/t Au [33m]							
BGP046	<b>2m@15g/t Au [65m]</b>	RC	9990.7	10481.2	386.8	96	127	-60
BGP046	2m@4.1g/t Au [72m]							
BGP047	NO SIGNIFICANT INTERCEPT	RC	10035.6	10520.6	394.2	42	125	-60
BGP048	NO SIGNIFICANT INTERCEPT	RC	10017.2	10520.4	395.0	66	126	-60
BGP049	2m@3.2g/t Au [5m]	RC	10044.5	10579.3	388.6	30	125	-60
BGP050	NO SIGNIFICANT INTERCEPT	RC	10019.5	10580.2	385.4	60	126	-60
BGP051	2m@1.1g/t Au [3m]	RC	10055.7	10619.5	390.1	34	129	-60
BGP052	2m@1.6g/t Au [54m]	RC	10034.7	10619.1	390.2	63	126	-60
BGP053	2m@1.7g/t Au [19m]	RC	10049.8	10679.8	395.7	43	126	-60
BGP054	2m@1.2g/t Au [61m]	RC	10009.6	10678.7	396.2	84	120	-60
BGP055	NO SIGNIFICANT INTERCEPT	RC	10044.1	10719.5	400.2	48	125	-60
BGP056	NO SIGNIFICANT INTERCEPT	RC	10024.5	10719.5	398.3	66	125	-60
BGP057	NO SIGNIFICANT INTERCEPT	RC	9884.8	9819.9	390.6	28	125	-60
BGP058	NO SIGNIFICANT INTERCEPT	RC	9870.8	9820.2	390.6	52	125	-60
BGP059	NO SIGNIFICANT INTERCEPT	RC	9846.4	9780.0	394.0	73	125	-60
BGP060	NO SIGNIFICANT INTERCEPT	RC	9849.4	9759.6	397.1	78	125	-60
BGP061	NO SIGNIFICANT INTERCEPT	RC	9870.7	9759.6	403.7	53	125	-60
BGP062	NO SIGNIFICANT INTERCEPT	RC	9889.8	9722.9	406.9	33	125	-60
BGP063	2m@1.4g/t Au [1m]	RC	9875.8	9723.2	406.6	53	125	-60
BGP063	2m@1.2g/t Au [51m]							
BGP064	2m@1g/t Au [54m]	RC	9850.5	9678.4	396.4	78	125	-60
BGP065	NO SIGNIFICANT INTERCEPT	RC	9895.5	9521.4	392.9	25	128	-60
BGP066	2m@1.4g/t Au [1m]	RC	9877.4	9521.0	389.7	51	125	-60
BGP066	2m@1.1g/t Au [5m]							
BGP066	3m@1.3g/t Au [27m]							
BGP066	<b>2m@9.4g/t Au [45m]</b>							
BGP067	<b>7m@4.5g/t Au [24m]</b>	RC	9893.9	9482.1	400.2	36	129	-60
BGP068	NO SIGNIFICANT INTERCEPT	RC	9878.5	9482.3	398.5	63	125	-60
BGP069	2m@1.1g/t Au [44m]	RC	9854.7	9482.2	393.7	84	125	-60
BGP070	2m@1.9g/t Au [2m]	RC	9813.7	9180.6	391.0	14	125	-60
BGP071	8m@1.4g/t Au [24m]	RC	9794.4	9180.4	388.6	47	125	-60
BGP072	NO SIGNIFICANT INTERCEPT	RC	9775.0	9180.3	388.4	75	125	-60
BGP073	2m@1.1g/t Au [57m]	RC	9777.3	9199.9	392.8	70	125	-60
BGP074	<b>2m@15.4g/t Au [43m]</b>	RC	9874.8	9676.8	403.3	60	125	-60



Hole_No	Intercept [FROM DEPTH]	Hole_Type	East (m)	North (m)	RL (m)	EOH (m)	Azm	Dip
BGP075	2m@1.6g/t Au [0m]	RC	10030.0	10679.2	394.3	65	125	-60
BGP075	2m@2.3g/t Au [39m]							
BGP076	NO SIGNIFICANT INTERCEPT	RC	10014.5	10459.4	383.7	66	127	-60
BGP077	2m@1.2g/t Au [62m]	RC	9989.5	10459.6	384.3	93	125	-60
BGP077	2m@1g/t Au [78m]							
BGP077	3m@3g/t Au [87m]							
BGP078	NO SIGNIFICANT INTERCEPT	RC	9999.4	10399.9	382.3	70	125	-90
BGP079	NO SIGNIFICANT INTERCEPT	RC	7870.0	9710.0	400.0	70	125	-60
BGP080	2m@1.2g/t Au [70m]	RC	7850.0	9450.0	400.0	90	125	-60
BGP081	NO SIGNIFICANT INTERCEPT	RC	7875.0	9450.0	400.0	74	125	-60
BGP082	NO SIGNIFICANT INTERCEPT	RC	7900.0	9450.0	400.0	45	125	-60
BGP083	2m@2.5g/t Au [33m]	RC	7900.0	9355.0	400.0	92	35	-60
BGP084	NO SIGNIFICANT INTERCEPT	RC	8578.0	9500.0	400.0	54	125	-60
BGP085	NO SIGNIFICANT INTERCEPT	RC	8603.0	9300.0	400.0	40	125	-60
BGP086	NO SIGNIFICANT INTERCEPT	RC	8638.0	9080.0	400.0	32	125	-60
BGP087	NO SIGNIFICANT INTERCEPT	RC	7925.0	11400.0	400.0	46	305	-60
BGP088	NO SIGNIFICANT INTERCEPT	RC	7835.0	11390.0	400.0	40	125	-60
BGP089	NO SIGNIFICANT INTERCEPT	RC	7845.0	11390.0	400.0	40	125	-60
BGP090	NO SIGNIFICANT INTERCEPT	RC	7925.0	11250.0	400.0	80	125	-60
BGP091	NO SIGNIFICANT INTERCEPT	RC	7938.0	11250.0	400.0	60	125	-60
BGP092	NO SIGNIFICANT INTERCEPT	RC	7940.0	11000.0	400.0	82	125	-60
BGP093	NO SIGNIFICANT INTERCEPT	RC	7956.0	11000.0	400.0	50	125	-60
BGP094	NO SIGNIFICANT INTERCEPT	RC	9965.0	10479.5	381.3	138	126	-60
BGP095	NO SIGNIFICANT INTERCEPT	RC	9969.8	10460.1	380.1	126	125	-60
BGP096	NO SIGNIFICANT INTERCEPT	RC	10015.7	10999.5	390.4	82	125	-60
BGP097	NO SIGNIFICANT INTERCEPT	RC	10012.3	10899.6	394.6	76	125	-60
BGP098	NO SIGNIFICANT INTERCEPT	RC	9969.6	10700.8	390.8	129	125	-60
BGP099	2m@1.1g/t Au [94m]	RC	9995.2	10674.7	396.0	108	126	-60
BGP099	<b>5m@5g/t Au [100m]</b>							
BGP100	NO SIGNIFICANT INTERCEPT	RC	10010.7	10620.4	392.6	96	131	-60
BGP101	NO SIGNIFICANT INTERCEPT	RC	9997.4	10502.2	393.4	99	130	-65
BGP102	NO SIGNIFICANT INTERCEPT	RC	9987.0	10483.5	386.7	100	76	-60
BGP103	<b>2m@12.1g/t Au [33m]</b>	RC	10007.2	10482.1	388.2	75	128	-60
BGP103	2m@1.1g/t Au [61m]							
BGP104	NO SIGNIFICANT INTERCEPT	RC	10014.6	10481.5	388.1	98	76	-60
BGP105	NO SIGNIFICANT INTERCEPT	RC	9989.2	10460.5	384.2	100	77	-60
BGP106	2m@3.6g/t Au [54m]	RC	10005.2	10460.0	384.1	77	125	-60
BGP107	3m@0.7g/t Au [79m]	RC	9994.4	10441.9	380.5	150	76	-60
BGP108	NO SIGNIFICANT INTERCEPT	RC	9950.4	10399.8	383.3	147	125	-60
BGP109	2m@1.1g/t Au [27m]	RC	9870.1	9759.8	403.4	97	50	-60
BGP109	2m@2.5g/t Au [46m]							
BGP110	NO SIGNIFICANT INTERCEPT	RC	9879.7	9708.7	407.7	88	50	-60
BGP111	2m@1.5g/t Au [65m]	RC	9873.3	9676.4	402.6	93	50	-60
BGP112	NO SIGNIFICANT INTERCEPT	RC	9863.4	9708.9	402.4	109	50	-60
BGP113	NO SIGNIFICANT INTERCEPT	RC	9840.7	9707.5	398.9	96	125	-60
BGP114	<b>2m@8.6g/t Au [21m]</b>	RC	9874.6	9600.2	387.6	111	50	-60

Hole_No	Intercept [FROM DEPTH]	Hole_Type	East (m)	North (m)	RL (m)	EOH (m)	Azm	Dip
BGP114	<b>7m@5.5g/t Au [64m]</b>							
BGP115	NO SIGNIFICANT INTERCEPT	RC	9875.8	9521.0	389.4	82	70	-60
BGP116	NO SIGNIFICANT INTERCEPT	RC	9889.7	9438.5	396.9	33	125	-60
BGP117	NO SIGNIFICANT INTERCEPT	RC	9873.7	9482.4	397.2	94	75	-60
BGP118	<b>3m@7.2g/t Au [89m]</b>	RC	9838.7	9521.9	397.8	120	129	-60
BGP118	2m@4.4g/t Au [98m]	RC	9832.9	9501.9	398.8	133	127	-60
BGP119	2m@1.5g/t Au [107m]	RC	9863.5	9439.0	390.3	75	125	-60
BGP120	NO SIGNIFICANT INTERCEPT	RC	9863.5	9440.0	390.2	131	70	-60
BGP121	2m@1.5g/t Au [65m]		9861.9	9440.0	390.2	131	70	-60
BGP121	<b>5m@23g/t Au [81m]</b>							
BGP121	<b>4m@4.2g/t Au [90m]</b>							
BGP122	2m@1.4g/t Au [66m]	RC	9789.0	9159.9	391.5	81	70	-60
BTP001	NO SIGNIFICANT INTERCEPT	RC	7325.0	7970.0	400.0	51	125	-60
BTP002	4m@1.6g/t Au [11m]	RC	7300.0	7970.0	400.0	69	125	-60
	NO SIGNIFICANT INTERCEPT	RC	7275.0	7970.0	400.0	75	125	-60
BTP004	2m@1.3g/t Au [12m]	RC	7250.0	7970.0	400.0	75	130	-60
BTP004	3m@2.9g/t Au [21m]							
BTP005	NO SIGNIFICANT INTERCEPT	RC	7225.0	7970.0	400.0	75	129	-60
BTP006	NO SIGNIFICANT INTERCEPT	RC	7200.0	7970.0	400.0	75	125	-60
GCD004	2m@2g/t Au [89m]	DD	9873.0	9460.0	396.1	120.7	74	-60
GCD005	2m@4.8g/t Au [17m]	DD	9883.0	9500.0	395.7	71.8	75	-60
GCD005	<b>2m@8.6g/t Au [29m]</b>							
GCD010	<b>2m@200.2g/t Au [22m]</b>	DD	10013.0	10480.0	387.9	72	130	-60
GCD010	<b>0.8m@500.1g/t Au [23m]</b>							
GCD010	2m@1.8g/t Au [53m]							
GCD011	<b>5m@4.9g/t Au [123m]</b>	RD	9966.0	10702.0	390.6	143.8	124	-60
GCP001	NO SIGNIFICANT INTERCEPT	RC	9876.0	9352.0	381.8	93	74	-60
GCP002	NO SIGNIFICANT INTERCEPT	RC	9875.0	9400.0	388.4	96	74	-60
GCP003	2m@2.4g/t Au [40m]	RC	9875.0	9440.0	395.0	100	78	-60
GCP003	2m@1.2g/t Au [58m]							
GCP006	3m@3.1g/t Au [26m]	RC	9900.0	9560.0	382.4	52	255	-60
GCP006	2m@2.1g/t Au [38m]							
GCP007	2m@2.2g/t Au [20m]	RC	9872.0	9556.0	388.7	74	76	-60
GCP008	NO SIGNIFICANT INTERCEPT	RC	9875.0	9600.0	387.6	88	74	-60
GCP009	NO SIGNIFICANT INTERCEPT	RC	9875.0	9620.0	390.6	83	74	-60
GCP012	2m@4.6g/t Au [5m]	RC	10050.0	10545.0	391.4	143	274	-60
GCP012	2m@2.3g/t Au [45m]							
GCP012	2m@3.6g/t Au [50m]							
GCP012	<b>3m@4.9g/t Au [86m]</b>							
GCP012	<b>2m@11.4g/t Au [97m]</b>							
GCP012	2m@1.4g/t Au [102m]							
GCP012	2m@1.2g/t Au [116m]							
GCP013	2m@4.8g/t Au [10m]	RC	10050.0	10570.0	390.0	100	273	-60
GCP013	2m@4g/t Au [20m]							
GCP013	2m@2.4g/t Au [26m]							
GCP013	2m@3.4g/t Au [49m]							

Hole_No	Intercept [FROM DEPTH]	Hole_Type	East (m)	North (m)	RL (m)	EOH (m)	Azm	Dip
GCP013	2m@1.8g/t Au [76m]							
GCP014	2m@1.8g/t Au [20m]	RC	10050.0	10630.0	391.7	100	237	-60
GCP014	2m@1.8g/t Au [47m]							
GCP014	2m@2.9g/t Au [52m]							
GCP015	<b>4m@3.6g/t Au [25m]</b>	RC	10055.0	10670.0	396.4	100	234	-60
GCP016	2m@1.2g/t Au [19m]	RC	10060.0	10710.0	401.1	96	235	-60
GCP016	2m@1.1g/t Au [28m]							
GCP016	2m@1g/t Au [31m]							
GCP016	<b>2m@9.2g/t Au [53m]</b>							
GCP016	2m@1.2g/t Au [67m]							
GCP016	4m@2.4g/t Au [71m]							
GCP017	2m@1.5g/t Au [2m]	RC	10062.5	10750.5	400.2	101	235	-60
GCP017	<b>5m@70.5g/t Au [9m]</b>							
GCP017	<b>2m@174.68g/t Au [12m]</b>							
GCP017	2m@2.5g/t Au [59m]							
GCP017	2m@2g/t Au [65m]							
GCP017	2m@1.5g/t Au [88m]							
GCP018	NO SIGNIFICANT INTERCEPT	RC	10010.0	10510.0	395.5	100	273	-60
GCP019	2m@2.2g/t Au [106m]	RC	7235.0	8028.0	400.0	124	87	-60
GCP020	2m@1.7g/t Au [29m]	RC	7278.0	8146.0	400.0	88	58	-60
GCP021	NO SIGNIFICANT INTERCEPT	RC	7295.3	8099.4	400.0	52	57	-60
GCP022	NO SIGNIFICANT INTERCEPT	RC	7300.0	8029.0	400.0	64	56	-60
GCP023	NO SIGNIFICANT INTERCEPT	RC	7301.0	8021.0	400.0	65	160	-60
GCP024	2m@1.1g/t Au [6m]	RC	7300.0	7984.0	400.0	71	74	-60
GCP025	2m@1.1g/t Au [37m]	RC	7295.0	7831.0	400.0	100	55	-60

## APPENDIX 2B -JORC Code, 2012 Edition – Table 1 report for Golden Crown

### Section 1 Sampling Techniques and Data

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

Criteria	Commentary
<i>Sampling techniques</i>	<ul style="list-style-type: none"> <li>• RC / DD drill hole sampling was conducted on 1 metre samples down the drill holes.</li> <li>• Standard RC sampling techniques at the time employed riffle splitters to split the samples. DD half core samples were taken from drill core using a diamond saw.</li> <li>• DD sampling was generally conducted on 1 metre samples down the drill hole, with occasional samples &lt; 1 metre designed to test geologic intervals. Half core was sampled.</li> <li>• Samples were assayed for Au by Fire Assay with as atomic absorption spectrometry finish.</li> </ul>
<i>Drilling techniques</i>	<ul style="list-style-type: none"> <li>• REVERSE CIRCULATION drilling generally used 5' face sampling hammer. A variety of RC rigs were used to complete the drilling.</li> <li>• DIAMOND drilling employed HQ diameter core.</li> </ul>
<i>Drill sample recovery</i>	<ul style="list-style-type: none"> <li>• For DD drilling, core loss was often recorded in the Comments section of the summary logging sheets, as well as being recorded in a specific column of detailed logging sheets. For RC drilling the Comments section records where there was 'wet sample' or 'no sample' return.</li> <li>• There is no documentation regarding maximizing recoveries, However the use of suitable capacity drill rigs (mentioned above) allows for best possible recoveries.</li> <li>• There is no reference to sample size producing a grade bias.</li> </ul>
<i>Logging</i>	<ul style="list-style-type: none"> <li>• RC drilling were geologically logged on a combination of 1 and 2 metre intervals.</li> <li>• Logging is qualitative in nature recording: oxidation, texture, rock type, structure, and alteration (% alteration minerals and sulphides).</li> </ul>
<i>Sub-sampling techniques and sample preparation</i>	<ul style="list-style-type: none"> <li>• DD samples: half core was cut and sampled.</li> <li>• RC samples: samples were split and a minimum of 2 kg submitted to laboratories for Fire Assay.</li> <li>• Both sampling methods are considered appropriate for Au determination given the bulk sample size.</li> <li>• Standard Industry practices supports the above sampling protocols.</li> <li>• No information is provided around duplicate samples.</li> <li>• Sample sizes conform with Industry Standards for Au detection RC and DD drilling methods employed.</li> </ul>
<i>Quality of assay data and laboratory tests</i>	<ul style="list-style-type: none"> <li>• Assaying was carried out at accredited Laboratories used in Mining &amp; Exploration industry with Au determination by Fire Assay (50g charge) which is considered appropriate for the assaying of Au.</li> <li>• No additional methods or tools for sampling are considered in the text.</li> <li>• Quality Control Procedures are poorly documented.</li> </ul>
<i>Verification of sampling and assaying</i>	<ul style="list-style-type: none"> <li>• Twin holes are present throughout the Golden Crown resource, commonly to check the accuracy of the RC drilling and sampling.</li> <li>• Data capture and entry was in keeping with Industry Standards for the period. Drill holes were individually logged in hard copy (paper) and entered into spreadsheets and/or a Database for manipulation of the data on sections and plans. Copies of original logging were kept on site and also filed with Department as part of Annual Technical Reports.</li> <li>• Samples within the mineralized envelope were composited to even 1.0m intervals. A range of high grade cut from 40g/t to 100g/t were applied to Au values based on statistical analysis.</li> </ul>
<i>Location of data points</i>	<ul style="list-style-type: none"> <li>• Drill hole collars and baselines were regularly picked up during drilling by contract surveyors.</li> <li>• The holes were picked up on AMG and a local mine grid.</li> <li>• These pickups are considered adequate for the purpose of reporting a Mineral Resource Estimate.</li> </ul>
<i>Data spacing and distribution</i>	<ul style="list-style-type: none"> <li>• Drill spacing at the historical resource areas is on 20m sections.</li> <li>• The drill spacing is considered sufficient to support a Mineral Resource Estimate at Golden Crown.</li> </ul>

Criteria	Commentary
	<ul style="list-style-type: none"> <li>Samples have been composited to even 1.0m samples.</li> </ul>
<i>Orientation of data in relation to geological structure</i>	<ul style="list-style-type: none"> <li>The drilling orientation at Golden Crown is dominantly at right angles to the strike of the mineralisation to achieve unbiased sampling. Most holes at Golden Crown are angled and optimal to test a steep dipping orebody.</li> </ul>
<i>Sample security</i>	<ul style="list-style-type: none"> <li>There is no information regarding sample security.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>No audits or reviews have been conducted on the project.</li> </ul>

## Section 2 Reporting of Exploration Results

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

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>The Golden Crown project is located on Exploration Lease E80/4976 held 100% by Horrocks Enterprises Pty. Ltd. Within the shire of Halls Creek in the Kimberley of Western Australia.</li> <li>There are no known JV's or partnerships associated with the Golden Crown project.</li> <li>The tenement is in 'good standing' as at 12<sup>th</sup> June 2020.</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>A Mineral Resource estimate for the Golden Crown and Faugh-a-Ballagh deposits was completed during November 2007 by Resource Evaluations Pty Ltd (ResEval) for Northern Star Resources (NST). The deposit is located in the Eastern Kimberley region of Western Australia, some 20km east of the town of Halls Creek. The Golden Crown and Faugh-a-Ballagh deposits are quartz vein hosted within a granitoid intrusive which has intruded into a sequence of metasediments. The majority of mineralisation appears to be confined to the granitoid, however minor mineralisation is found along the margins in the metasediments. The resource for the Golden Crown and Faugh-a-Ballagh deposits was based on the data from 97 surface RC and diamond drill holes, and covered a combined total of 660m lateral extent from 7,973,300mN to 7,973,600mN for Golden Crown and 7,974,060mN to 7,974,290mN for Faugh-a-Ballagh. The vertical extent of the resource for Golden Crown is 100m from surface at 400mRL to 300mRL and for Faugh-a-Ballagh 100m from surface at 375mRL to 275mRL. Previous mining has been small scale surface mining that resulted in approximately 1,100 ounces of gold being produced. The Mineral Resource estimate complies with recommendations in the Australian Code for Reporting of Mineral Resources and Ore Reserves (2004) by the Joint Ore Reserves Committee (JORC).</li> <li>The resource was reviewed and restated in 2012 by Runge Ltd</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>The tenements overly portions of the contact between the Biscay and Olympio Formations. The contact is regionally anomalous in terms of the number of gold occurrences. The Biscay Formation, comprising basalt and subordinate units of intercalated sandstone, siltstone, chert and tuff, form the basal succession of the prospect area. This succession is overlain successively by intermediate to felsic volcanic and volcanoclastic rocks and syenite sills of the Butchers Gully Member of the Olympio Formation. The upper part of the Olympio Formation comprises a monotonous sequence of thin bedded, lithic sandstone. Dolerite sills intrude all rock sequences within the project area. (NST, 2005)</li> <li>The local geology at Golden Crown and Faugh-a-Ballagh is dominated by the hosting granitoid which has a north-easterly strike and variable dip from sub vertical to 35o. Having a known strike length of over 3km and a width of up to 50m, the granitoid has intruded the metavolcanics and sediments.</li> <li>Mineralisation at the Golden Crown and Faugh-a-Ballagh deposits is restricted to zones of quartz veining within the granitoid body with very little mineralisation in the immediate surrounding rock. The main zones of quartz veining at Golden Crown and Faugh-a-Ballagh appear to cross cut the granitoid body in a north westerly direction with variable dips from sub vertical to 60oW. Multiple quartz vein sets have been mapped at the prospects although the dominant vein sets have yet to be identified. No information on alteration and sulphide content associated with mineralisation was provided to ResEval. Minor information on quartz veining was available from limited drill logs and photographs of diamond core or RC chips. It is recommended that further analysis of the available drilling core and RC chips should be made to evaluate any alteration haloes that exist around the quartz veining. Alteration haloes and sulphides are commonly associated with vein style gold deposits and give indications to</li> </ul>



Criteria	Commentary																																																						
	the extent and direction of the major mineralised trends inside the host rocks.																																																						
<i>Drill hole Information</i>	<ul style="list-style-type: none"> <li>Refer to Dill Collar Table in Appendix II.</li> </ul>																																																						
<i>Data aggregation methods</i>	<ul style="list-style-type: none"> <li>The Golden Crown/Faugh-a-Ballagh resource area had a combined total of 660m lateral strike extent from 7,973,300mN to 7,973,600mN for Golden Crown and 7,974,060mN to 7,974,290mN for Faugh-a-Ballagh. The vertical extent of the resource for Golden Crown is 100m from surface at 400mRL to 300mRL and for Faugh-a-Ballagh 100m from surface at 375mRL to 275mRL.</li> <li>Total drill holes used in the resource estimate included 72 surface RC holes, and 4 surface diamond holes for a total of 1,965m of drilling. The majority of holes were drilled at 20-40m section spacings throughout the deposits and orientated at 60° at a bearing of 125o, however several holes are orientated in different directions.</li> <li>RC and diamond drilling was used in the resource estimate with samples being collected at even 1m intervals. Half core samples were taken from core drilling using a diamond saw and RC samples were collected via a riffle splitter.</li> <li>Samples were assayed for Au by Fire Assay with an atomic absorption spectrometry (AAS) finish.</li> <li>The majority of drillhole collars have been accurately surveyed by licensed surveyors and transformed to AMG grid. Two holes remain to be surveyed.</li> <li>An Access database (goldencrownproject.mdl) was provided by NST to ResEval for the Golden Crown and Faugh-a-Ballagh deposits. The database contains drill hole information for the deposits in both local and AMG grids. In general, drilling was carried out with 20-30m spaced holes on 20-40m section intervals. The drill holes have varying directions however the majority of holes are drilled to 125o AMG grid. Recent drilling has been drilled at a bearing of 275o AMG azimuth.</li> <li>Recent RC drilling by NST was completed by Mt Magnet drilling. Samples were collected every 1m from a rig mounted cyclone. Samples were composited to 4m by splitting each 1m sample down to 1.5kg using a riffle splitter and combining adjacent samples. Samples were then sent to the Genalysis laboratory in Perth for analysis. All samples that returned assays greater than 0.2g/t were re-split into single 1m samples and re submitted for analysis.</li> <li>Samples within the mineralized envelope were composited to even 1.0m intervals. A range of high grade cut from 40g/t to 100g/t were applied to Au values based on statistical analysis.</li> <li>The database contained records for 97 drill holes in the resource area. 4 were diamond holes while 97 were RC holes at the deposits, four trenches were also sampled. A total of 76 holes were included in the resource estimate, of which 4 were diamond and 72 were RC holes for a total of 697m within the mineralised envelopes. A summary of the drilling data within the resource area is shown below:</li> </ul> <table border="1" data-bbox="424 1473 1225 1821"> <thead> <tr> <th rowspan="2">Method</th> <th colspan="2">Project</th> <th colspan="2">In Resource</th> </tr> <tr> <th>Number</th> <th>Metres</th> <th>Number</th> <th>Metres</th> </tr> </thead> <tbody> <tr> <td colspan="5"><b>Golden Crown</b></td> </tr> <tr> <td>Diamond</td> <td>2</td> <td>191</td> <td>2</td> <td>16</td> </tr> <tr> <td>RC</td> <td>37</td> <td>665</td> <td>33</td> <td>207</td> </tr> <tr> <td><b>Sub Total</b></td> <td><b>39</b></td> <td><b>856</b></td> <td><b>35</b></td> <td><b>233</b></td> </tr> <tr> <td colspan="5"><b>Faugh-a-Ballah</b></td> </tr> <tr> <td>Diamond</td> <td>2</td> <td>72</td> <td>2</td> <td>18</td> </tr> <tr> <td>RC</td> <td>56</td> <td>1,037</td> <td>39</td> <td>436</td> </tr> <tr> <td><b>Sub Total</b></td> <td><b>58</b></td> <td><b>1,109</b></td> <td><b>41</b></td> <td><b>464</b></td> </tr> <tr> <td><b>Total</b></td> <td><b>97</b></td> <td><b>1,965</b></td> <td><b>76</b></td> <td><b>697</b></td> </tr> </tbody> </table>	Method	Project		In Resource		Number	Metres	Number	Metres	<b>Golden Crown</b>					Diamond	2	191	2	16	RC	37	665	33	207	<b>Sub Total</b>	<b>39</b>	<b>856</b>	<b>35</b>	<b>233</b>	<b>Faugh-a-Ballah</b>					Diamond	2	72	2	18	RC	56	1,037	39	436	<b>Sub Total</b>	<b>58</b>	<b>1,109</b>	<b>41</b>	<b>464</b>	<b>Total</b>	<b>97</b>	<b>1,965</b>	<b>76</b>	<b>697</b>
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<i>Relationship between mineralisation widths and intercept lengths</i>	<ul style="list-style-type: none"> <li>The drilling orientation at Golden Crown is dominantly at right angles to the strike of the mineralisation to achieve unbiased sampling. Most holes at Golden Crown are angled and optimal to test a steep dipping orebody.</li> </ul>																																																						

Diagrams

Resource Evaluations Pty Ltd

Northern Star Limited: Golden Crown Resource Report

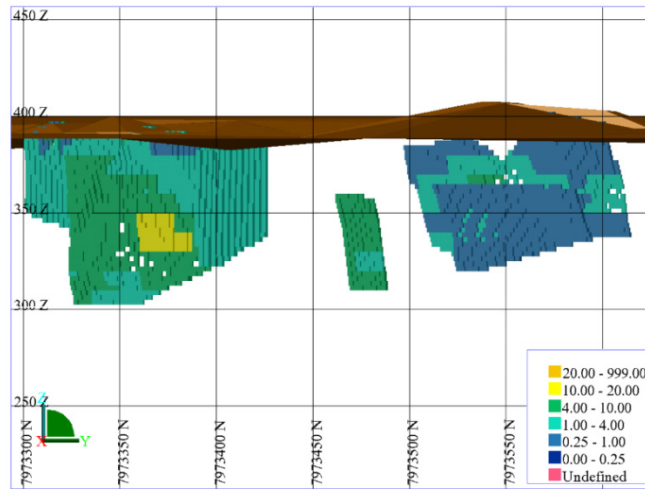


Figure 11.5. Long Section Golden Crown Resource Coloured by Gold Grade.

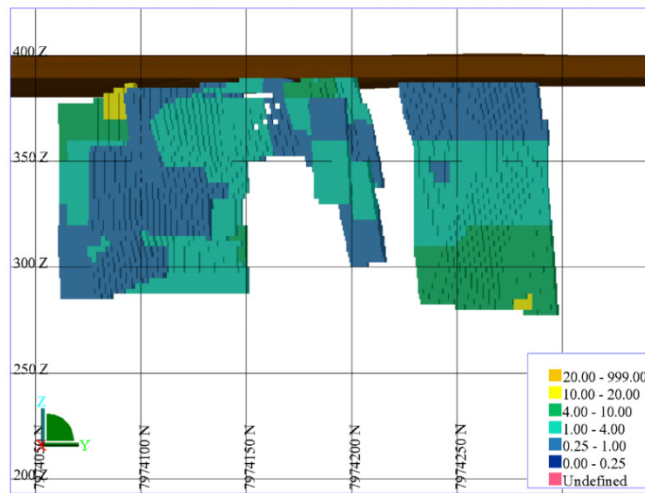


Figure 11.6. Long Section Faugh-a-Ballagh Resource Coloured by Gold Grade.

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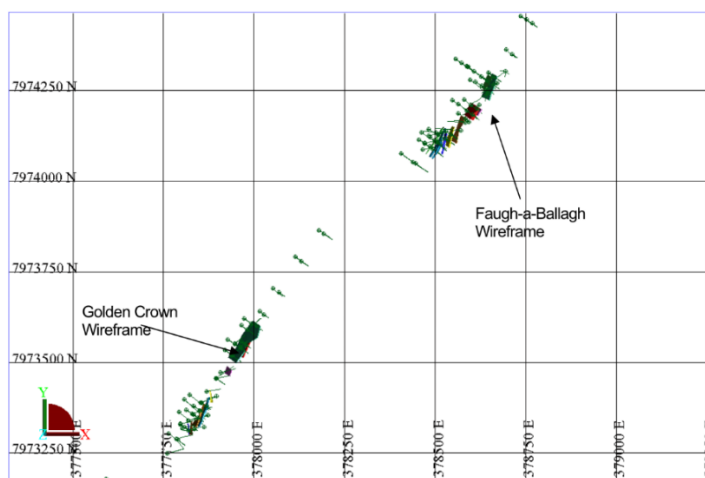


Figure 1.2. Golden Crown and Faugh-a-Ballagh Deposits - All Drilling and Resource Wireframes

Criteria	Commentary
<i>Balanced reporting</i>	<ul style="list-style-type: none"> <li>Refer to Significant Intercepts Table in Appendix II.</li> </ul>
<i>Other substantive exploration data</i>	<ul style="list-style-type: none"> <li>No further material geological information is available to MEI. MEI plans to conduct further exploration and development drilling once they have assessed the current available data, conducted on-ground exploration in the form of mapping and sampling and ground based geophysics.</li> </ul>
<i>Further work</i>	<ul style="list-style-type: none"> <li>MEI plans to conduct exploration drilling to test for for dip and strike extensions to the known gold mineralisation at Golden Crown, along with a systematic round of ground based geophysics to assist in identifying further drill targets in the region</li> </ul>

### Section 3 Estimation and Reporting of Mineral Resources

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

Criteria	Commentary
<i>Database integrity</i>	<ul style="list-style-type: none"> <li>Data provided to ResEval by NST included drilling data in the form of an exploration database of all holes drilled at the project, photographs of core and RC chips from recent drilling and several geological reports and maps.</li> <li>An Access database (goldencrownproject.mdl) was provided. The database contained records for 97 drill holes in the resource area. 4 were diamond holes while 97 were RC holes at the deposits, four trenches were also sampled. A total of 76 holes were included in the resource estimate, of which 4 were diamond and 72 were RC holes for a total of 697m within the mineralised envelopes.</li> <li>The data validation process involved the comparison of the digital data with plans supplied by NST. These plans were supplied in local grid, whereas the estimate was completed on AMG grid.</li> <li>Comparisons of the plans noted that an incorrect transformation was used for the GCP series holes resulting in the incorrect location for those holes. These issues were rectified by NST and a new transformation was applied to all holes.</li> <li>ResEval noted that a difference was observed between the new transformation of the BGP series holes and the original data supplied in AMG grid. NST informed ResEval that the new transformation was to be used.</li> </ul>
<i>Site visits</i>	<ul style="list-style-type: none"> <li>No site visit has been made by the Competent Person.</li> <li>The project is still in Due Diligence stage and a trip to the Project will be made in the coming months.</li> </ul>
<i>Geological interpretation</i>	<ul style="list-style-type: none"> <li>In general, drilling was carried out with 20-30m spaced holes on 20-40m section intervals. The drill holes have varying directions however the majority of holes are drilled to 125o AMG grid. More recent drilling has been drilled at a bearing of 275o AMG azimuth.</li> <li>The quartz veining and the edge of the granitoid body was generally used as the edge of mineralisation. Where this was not available a 0.3g/t Au cut-off was used for the construction the wireframes for both Golden Crown and Faugh-a-Ballagh deposits. Selection of 0.3g/t as the secondary mineralised threshold for defining the wireframes was based on visual review of the grade distribution and was supported by the analysis of raw sample data.</li> <li>These interpreted sectional outlines were manually triangulated in Surpac to form the wireframes.</li> <li>Resource outlines were generally extrapolated to a distance of 10m from drillhole intersections along strike and to the extent of mineralisation at depth.</li> </ul>
<i>Dimensions</i>	<ul style="list-style-type: none"> <li>The Golden Crown &amp; Faugh-a-Ballagh resources have a combined total of 660nm lateral strike extent. The vertical extent of the resource at Golden Crown is 100m from surface (400m RL – 300m RL), and for Faugh-a-Ballagh it is also 100m from surface (375m RL – 275m RL).</li> </ul>
<i>Estimation and modelling techniques</i>	<ul style="list-style-type: none"> <li>Analysis of the assay data indicated all samples had 1m sample lengths hence a 1m composite was used. Surpac software was used to extract 1.0m down-hole composites within the intervals coded as resource intersections.</li> <li>A single block model for Golden Crown and Faugh-a-Ballagh deposits was created using Surpac software to encompass the full extent of both deposits.</li> </ul>

Criteria	Commentary
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- The block model used a primary block size of 10m NS x 5m EW x 10m vertical with sub-cells of 2.5m x 1.25m x 2.5m. The parent block size was selected on the basis of 50% of the average drill hole spacing within the main mineralised zones.

Model Name	goldencrown20071118.mdl		
	Y	X	Z
Origin (minimum y,x,z)	7,973,250	377,550	250
Extent	1600	700	160
Block Size (Sub-blocks)	10 (2.5)	5 (1.25)	10 (2.5)
Rotation	30°		

- The wireframes were used as hard boundaries for the interpolations. Inverse Distance Squared (ID2) was selected because robust variograms could not be calculated. This resulted in a degree of smoothing which is appropriate for the disseminated nature of the mineralisation.
- Orientated search ellipses with an ellipsoidal search were used to select data for the interpolations. The ellipses were oriented to match the geometry of the individual objects.

	Golden Crown/Faugh-a-Ballagh ID2 Interpolation Run	
	Pass 1	Pass 2
Search Type	Ellipsoid	Ellipsoid
Bearing	See Appendix 4	
Dip		
Plunge		
Major-Semi Major Ratio	2	2
Major-Minor Ratio	3	3
Max Search Radius	60m	120m
Max Vertical Search	999	999
Minimum Samples	10	5
Maximum Samples	40	40
Block Discretisation	3 X by 4 Y by 3 Z	3 X by 4Y by 3 Z
Percentage Blocks Filled	90%	10%

- Two interpolation passes were used for the interpolation with slightly different maximum search radii and parameters as shown in Appendix 4. The majority of the model was estimated in the first pass.
- To check that the interpolation of the block models honoured the drilling data, comparison was made between the interpolated block grades v composited sample grades. The validation plots show a reasonable correlation by elevation and northing. The validation plots highlight the smoothing effect of the ID2 interpolation. In general, the trends shown by the composited data are honoured by the block model.
- Volume validation of the model was completed by comparing the volume of the wireframe against the volume of the model. Excellent correlation was achieved with less than 1% variation.
- A visual comparison of the block estimates on section and graphically in 3D also indicates the model honors the drillhole grades.

**Moisture**

- Tonnages are estimated on a Dry Tonnes basis.

**Cut-off parameters**

- Analysis of the grade statistics indicates that the Au data from all datasets are positively skewed with a high coefficient of variation. The application of a high grade cut is considered appropriate for 3 separate domains prior to using the data for any linear grade interpolation.
- Domain 1: A top-cut of 40g/t was selected using a log probability plot of raw grades which showed a distinct break at 40g/t. This results in 1 sample being cut and a decrease in the coefficient of variation from 2.15 to 1.99.
- Domain 2: A top-cut of 40g/t was selected using a log probability plot of raw grades which showed a distinct break at 40g/t. This results in 1 sample being cut and a decrease in the coefficient of variation from 1.89 to 1.77.
- Domain 3: A top-cut of 100g/t was selected using a log probability plot of raw grades which showed a distinct break at 40g/t. This results in 1 sample being cut and a decrease in the

Criteria	Commentary
	coefficient of variation from 7.99 to 4.53.
<i>Mining factors or assumptions</i>	<ul style="list-style-type: none"> <li>No mention is made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution.</li> </ul>
<i>Metallurgical factors or assumptions</i>	<ul style="list-style-type: none"> <li>No testwork has been completed at this stage.</li> </ul>
<i>Environmental factors or assumptions</i>	<ul style="list-style-type: none"> <li>No Environmental factors have been considered due to early nature of the resource.</li> </ul>
<i>Bulk density</i>	<ul style="list-style-type: none"> <li>A value of 2.7t/m<sup>3</sup> was assumed for the bulk density for both deposits.</li> <li>This assumption is considered appropriate due to the unweathered nature of the deposit, and the quartz vein host to the mineralisation.</li> </ul>
<i>Classification</i>	<ul style="list-style-type: none"> <li>The estimate complies with the recommendations for an Inferred Mineral Resource JORC Code (2004) because both deposits display reasonable continuity of lode structure and mineralisation from the information provided, however controls on mineralisation and grade distribution are poorly understood.</li> <li>Furthermore, no bulk density or QAQC information was available and there are inconsistencies in the collar and downhole surveys which require rectification.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>As part of a Due Diligence on the project by Bulletin Resources in 20102, Runge Limited Consultants were commissioned to review the existing Inferred Resource. The resource was confirmed at 33,600 ounces under JORC Code (2004).</li> </ul>
<i>Discussion of relative accuracy/confidence</i>	<ul style="list-style-type: none"> <li>The lack of complete understanding of the controls of mineralisation within the deposits leads to an overall lower confidence level for the estimate, hence the Inferred Mineral Resource classification. Detailed structural analysis of both surface outcrop and drill core would assist understanding better the orientations of the gold bearing quartz veins.</li> <li>The lack of detailed bulk density measurements is a potential risk for the resource. Bulk density determination should be made in all weathering type to accurately estimate the tonnages within the deposits.</li> <li>No QAQC information was provided to ResEval. It is recommended that all future drilling incorporate an extensive QAQC program which is controlled and monitored.</li> <li>Several lodes within the Golden Crown and Faugh-a-Ballagh deposits are open both along strike and at depth, hence potential exists to add to the resources with further drilling. Repetition of lodes along strike is probable and presents a possibility to increase the resource.</li> </ul>



## APPENDIX 2C: ASX Listing Rule 5.12

### Reporting of Historic Resources at Golden Crown and Faugh-a-Ballagh

With respect to reporting historic resource estimates for Golden Crown and Faugh-a-Ballagh, the Company provides the following information pursuant to ASX Listing Rule 5.12:

#### **5.12.1 The source and date of the historical estimates or foreign estimates.**

The Mineral Resource Estimate for the Golden Crown and Faugh-a-Ballagh Gold Deposits, East Kimberley has been extracted from a November 2007 report by Jeremy Clarke of Resource Evaluations Pty Ltd. The report was submitted to the Department of Mines, Industry Regulation and Safety (of the time) by Northern Star Resources as an Appendix to Combined Annual Report C13/2004 for the reporting period 15/07/2007 – 14/07/2008 on Exploration Licenses E80/2394 & 2522.

#### **5.12.2 Whether the historical estimates or foreign estimates use categories of mineralisation other than those defined in Appendix 5A (JORC Code) and if so, an explanation of the differences.**

The historic MRE is reported under JORC 2004 and as a result the categories do not differ from the current JORC code.

#### **5.12.3 The relevance and materiality of the historical estimates or foreign estimates to the entity.**

The historic MRE is considered by Meteoric to be both relevant and of significant materiality as they provide background on the potential size and grade characteristics of the known mineralisation within the Palm Springs Gold Project and the underlying data will be important in directing future exploration.

#### **5.12.4 The reliability of the historical estimates or foreign estimates, including by reference to any of the criteria in Table 1 of Appendix 5A (JORC Code) which are relevant to understanding the reliability of the historical estimates or foreign estimates.**

Meteoric is confident that the existence of a historic JORC Code (2004) compliant estimate for Golden Crown and Faugh-a-Ballagh provides a reasonable basis for relying on the historic MRE which was prepared by Jeremy Clarke of Resource Evaluations Pty Ltd in November 2007, as an Independent Consultant.

The Company has undertaken an initial Due Diligence on the Palm Springs Project (as set out in JORC Table 1 - Sections 1 & 2). Section 3 of JORC Table 1 has also been completed, setting out criteria which is relevant to understanding the reliability of the historical estimate. Notwithstanding, additional work is required prior to determining whether a resource can or will be disclosed under JORC Code (2012).

#### **5.12.5 To the extent known, a summary of the work programs on which the historical estimates or foreign estimates are based and a summary of the key assumptions, mining and processing parameters and methods used to prepare the historical estimates or foreign estimates.**

The historic MRE at Golden Crown and Faugh-a-Ballagh Gold Deposits was completed based on the following work programs and key assumptions:

- The Golden Crown/Faugh-a-Ballagh resource area had a combined total of 660m lateral strike extent from 7,973,300mN to 7,973,600mN for Golden Crown and 7,974,060mN to 7,974,290mN for Faugh-a-Ballagh. The vertical extent of the resource for Golden Crown is 100m from surface at 400mRL to 300mRL and for Faugh-a-Ballagh 100m from surface at 375mRL to 275mRL.
- Total drill holes used in the resource estimate included 72 surface RC holes, and 4 surface diamond holes for a total of 1,965m of drilling. The majority of holes were drilled at 20-40m section spacings throughout the deposits and orientated at 60° at a bearing of 125°, however several holes are orientated in different directions.
- RC and diamond drilling was used in the resource estimate with samples being collected at even 1m intervals. Half core samples were taken from core drilling using a diamond saw and RC samples were collected via a riffle splitter. Samples were assayed for Au by Fire Assay with an atomic absorption spectrometry (AAS) finish.

- The majority of drill hole collars have been accurately surveyed by licensed surveyors and transformed to AMG grid. Two holes remain to be surveyed.
- Wireframes were constructed using cross sectional interpretations based on geological contacts and a nominal 0.3g/t Au cut-off grade. Samples within the wireframes were composited to even 1.0m intervals for both Golden Crown and Faugh-a-Ballagh.
- A range of high grade cut from 40g/t to 100g/t were applied to Au values based on statistical analysis.
- A Surpac block model was used for the estimate with a block size of 10m NS x 5m EW x 10m vertical with sub-cells of 2.5m x 1.25m x 2.5m.
- Inverse Distance Squared grade interpolation was used for both the Golden Crown and Faugh-a-Ballagh deposits with an oriented search ellipse based on individual lode geometry. An 'ellipsoid' search method was used.
- No bulk density determinations were available from the deposits. Information provided by NST suggested that the weathering profile is very shallow and a bulk density of 2.7t/m<sup>3</sup> was assumed for both deposits.
- The Mineral Resource was classified as Inferred due to: the drill density, the degree of grade continuity, and the understanding of the controls of mineralisation within the deposits.

**5.12.6 Any more recent estimates or data relevant to the reported mineralisation available to the entity.**

Meteoric notes that as part of a Due Diligence on the project by Bulletin Resources in 2012, Runge Limited Consultants were commissioned to review the existing Inferred Resource. The resource was confirmed at 33,600 ounces under JORC Code (2004). The review is referenced in a report submitted to the Department of Mines, Industry Regulation and Safety (of the time) by Bulletin Resources in Annual Technical Report on the Golden Crown Project for the reporting period 15/07/2011 – 14/07/2012 on Exploration License E80/2394.

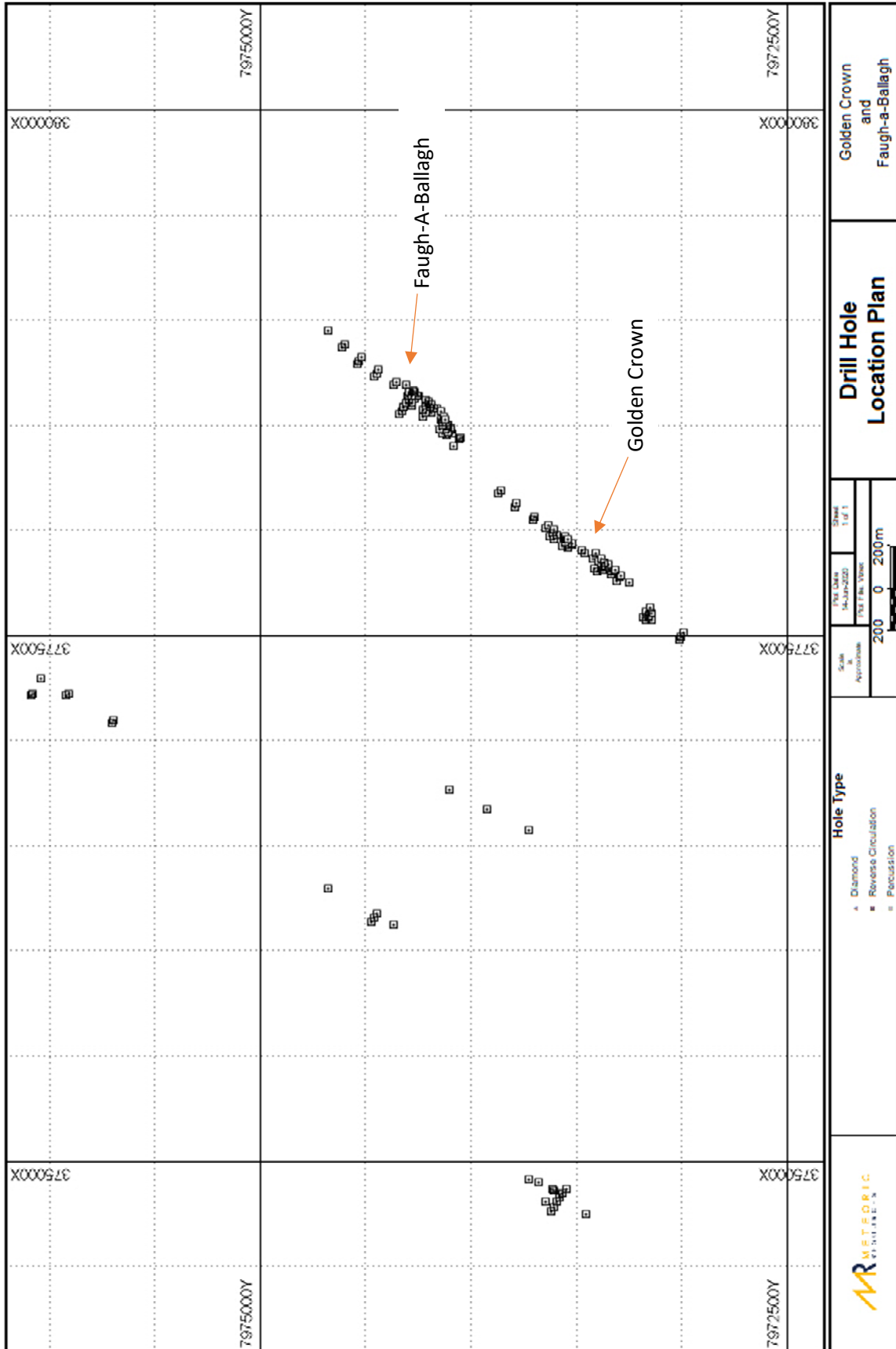
**5.12.7 The evaluation and/or exploration work that needs to be completed to verify the historical estimates or foreign estimates as mineral resources or ore reserves in accordance with Appendix 5A (JORC Code).**

The Company intends, upon successful completion of the proposed transaction, to undertake further geologic fieldwork including: data assimilation, site visits, mapping, re-logging of key drill holes, geologic interpretation, and if necessary drilling to support a JORC Code (2012) MRE at Golden Crown and Faugh-a-Ballagh. This will also include assessment of any relevant Environmental factors, and assumptions made regarding mining methods, processing options, and potential dilution. The Company reiterates that there is no guarantee that after undertaking such work, a mineral resource consistent with the JORC Code (2012) will be reported.

**5.12.8 The proposed timing of any evaluation and/or exploration work that the entity intends to undertake and a comment on how the entity intends to fund that work.**

This work is proposed to commence upon successful completion of the proposed Acquisition, targeting July-August of 2020. The Acquisition and 2020 Exploration Program will be funded by a \$1.44M Share Placement to be finalised in June 2020.

**APPENDIX 2D: Golden Crown Drill Hole Location Plan**



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