

23 October 2018

INCREASED ZINC-COPPER INTERCEPT AT ALTAIR

Highlights

- **Zinc-Copper Intercept at Altair increases by 28%** - Final assay results for drill hole ALDD002 at the Altair base metal prospect have been received and has resulted in an increase in the down hole width of the recently reported intercept. Final results include:
 - **55.0m @ 3.32% Zn and 0.52% Cu from 184.0m**
 - **including 9.0m @ 6.69% Zn and 1.00% Cu from 213.0m**
- **Most significant base metal intercept achieved at Altair** - The ALDD002 intercept is the most significant zinc drill intercept achieved at Altair and has many of the hallmarks of a polymetallic, hydrothermal VHMS/SEDEX mineralising event, being also anomalous in gold, silver, lead, cobalt, tin and other minor metals.
- **Mineralisation open in all directions** - The position of the intercept in ALDD002 is well below the depth of all historical drilling at Altair and mineralisation is open in all directions.
- **New drill campaign to commence in early November** - A program of drilling to assist in establishing the orientation and extent of the mineralisation will commence in early November.

Non-Executive Chairman, Peter Harold, said “*the final assay results at Altair demonstrate the potential of this discovery. While still early days, there is a real opportunity to add a base metal element to the known gold prospectivity of the Gum Creek Project. The exploration team have quickly put together a drill program and DDH1 Drilling will be mobilising to site in late October so we can commence the drill program in the first week of November. This a very exciting development for Horizon given the potential strike length and the positive outlook for the zinc and copper prices*”.

Details

Horizon Gold Limited (ASX Code: **HRN**) (Horizon or the Company) is pleased to provide this update on the final assay results received from the recently completed, single surface diamond drill hole ALDD002 at the Altair Prospect at Gum Creek (*Figure 1*). On 4 October 2018 the Company announced the assays results for the deeper portion (from 196m to 351m) of ALDD002 which returned the following significant zinc-copper intercept:

- **43.0m @ 3.67% Zn and 0.60% Cu from 196.0m, including 9.0m @ 6.69% Zn and 1.00% Cu from 213.0m.**

(refer to Company ASX announcement dated 4 October 2018)

Final assay results for the upper portion of ALDD002 from the base of the mud-rotary pre-collar at 41.6m to 196m have now been received and when combined with the earlier assay results, have returned the following expanded intercept:

- **55.0m @ 3.32% Zn and 0.52% Cu from 184.0m, including 9.0m @ 6.69% Zn and 1.00% Cu from 213.0m.**

Next Steps

A follow up program of seven diamond drill holes, designed to establish the orientation and extent of the Altair zinc-copper mineralisation has been planned and is due to commence at the beginning of November (Figures 2 and 3).

Table 1 in Appendix 2 contains details of the mineralised intercepts and final assay results received for ALDD002. Assay results reported above and in Appendix 2 are based on 50g fire assays (gold) and four-acid digest ICP determination for 31 elements (code ME-ICP61a) of half-sawn NQ-size diamond core, analysed at ALS Laboratories Perth. Over-range (>1%) zinc and copper values were re-assayed by ore grade four-acid digest ICP determination (code OG62). Zinc intercepts are reported to a 1.0% or 5.0% Zn lower cut-off grade and a maximum 1.0m internal waste. Appendix 3 contains the appropriate JORC 2012 Disclosure Tables.

About the Company

Horizon Gold Limited (**ASX:HRN**) is an exploration company focused on its 100% owned Gum Creek Gold Project in Western Australia. The Gum Creek Gold Project hosts JORC 2012 Mineral Resources of **1.25 million ounces of gold** (*refer Appendix 1*). It is located within a well-endowed gold region that hosts multi-million ounce deposits including Big Bell, Wiluna, Mt Magnet, Meekatharra and Agnew/Lawlers. Horizon has identified multiple drill targets and is undertaking exploration and development studies with the aim of becoming a stand-alone gold producer.

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Cautionary Statement

The historical Exploration Results reported herein for the Altair and Mensa Prospects were obtained by previous explorers. As a consequence, the Company is not able to independently verify the reliability of the Exploration Results.

Competent Person's Statement

The information in this release that relates to Exploration Results is based on information compiled by John Hicks. Mr Hicks is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and is a full-time employee and shareholder of Panoramic Resources Limited. Mr Hicks also holds employee performance rights in relation to Panoramic Resources Limited.

Under a Management Agreement between Panoramic Resources Limited and Horizon Gold Limited, dated 21 October 2016, Mr Hicks is authorised to report on Horizon Gold Limited exploration activities.

The aforementioned has sufficient experience that is relevant to the style of mineralisation and type of target/deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Hicks consents to the inclusion in the release of the matters based on the information in the form and context in which it appears.

Figure 1: Geological plan of the central Gum Creek project area showing the location of Altair and Mensa Prospects.

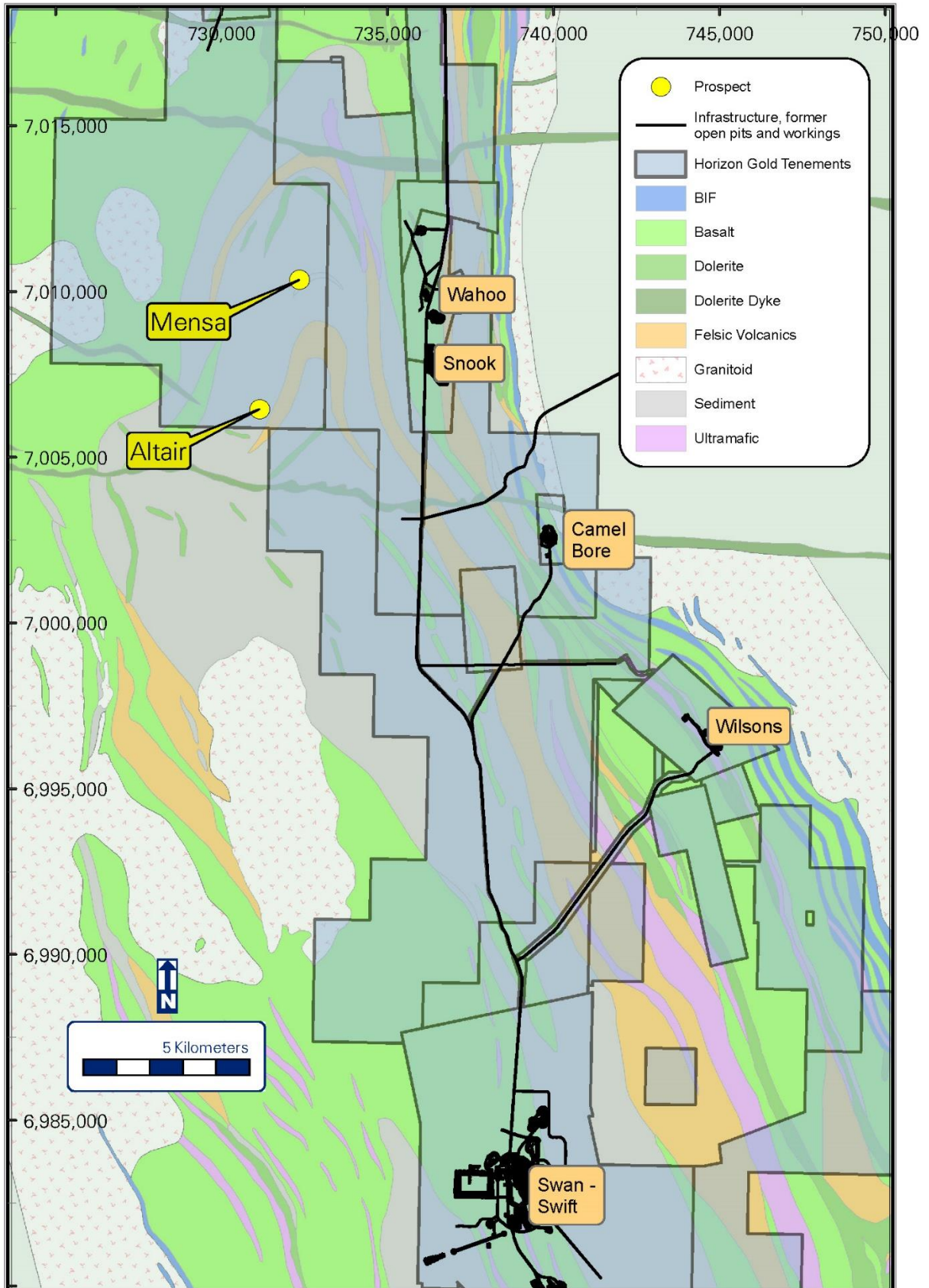


Figure 2: Altair Prospect - drill hole location plan showing position of ALDD002 and planned follow up drill holes.

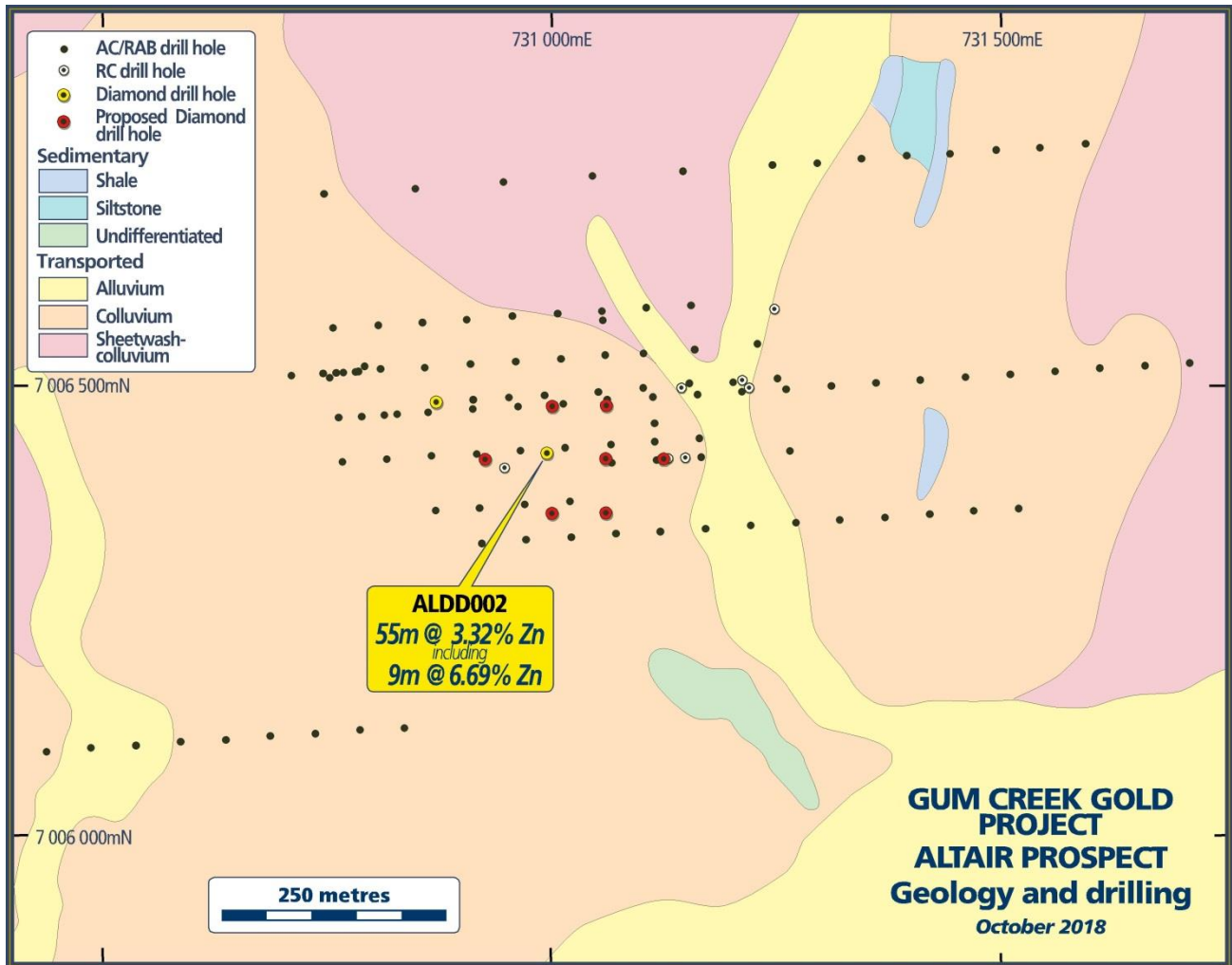
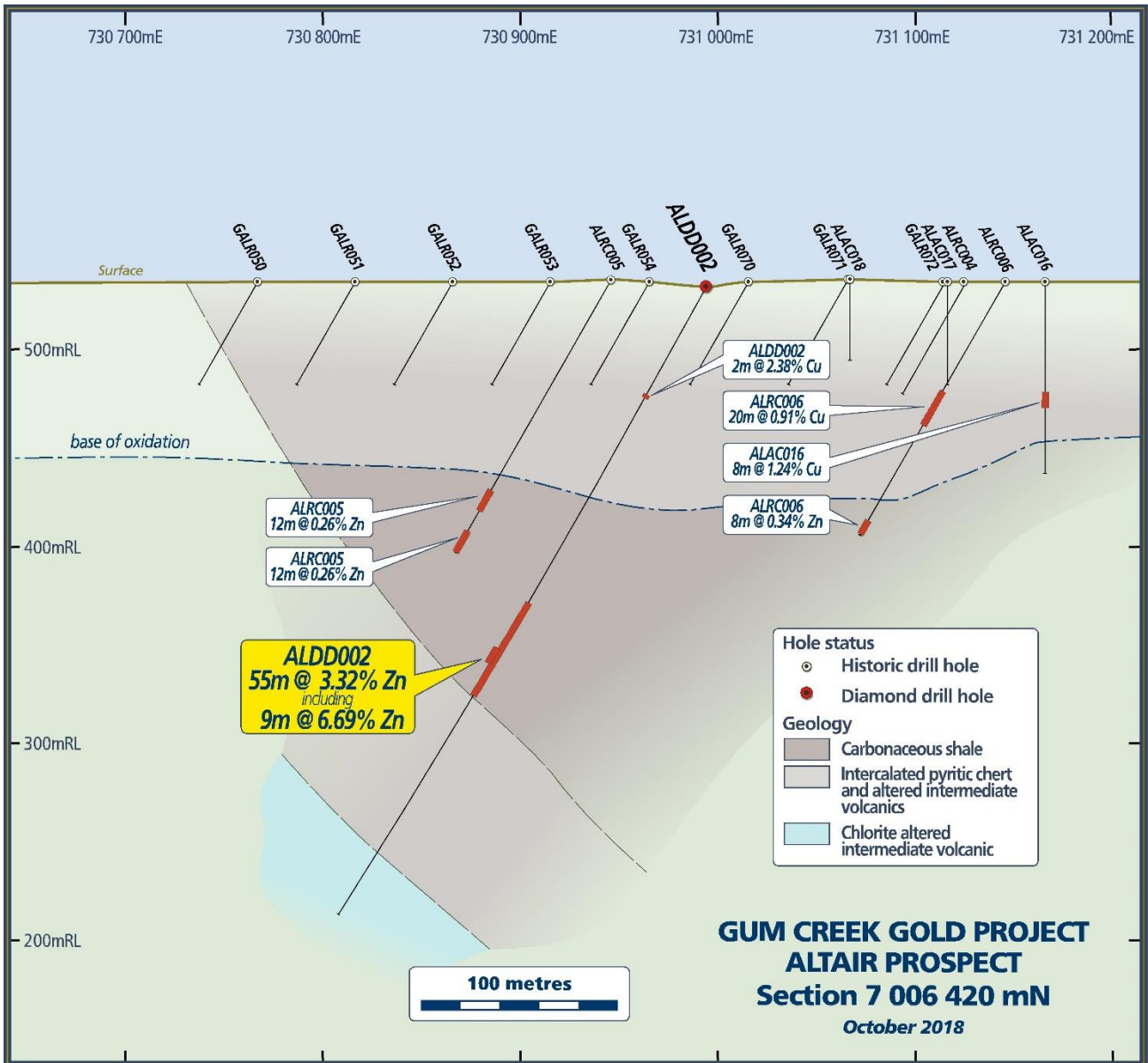


Figure 3: Altair Prospect – Cross section 7006420mN ($\pm 20m$)



APPENDIX 1:

Table 1: Gum Creek Project Mineral Resources Statement as at 30 June 2018

(refer to the Company's ASX announcement of 28 September 2018)

Resource	Resource Date	Cut-off grade (g/t Au)	Mineralisation Type	Indicated		Inferred		Total		Contained Gold (oz)
				Tonnes	Au (g/t)	Tonnes	Au (g/t)	Tonnes	Au (g/t)	
Open Pit Resources										
Swan OC	Jun-15	0.7	Free Milling	2,250,000	2.6	990,000	2.4	3,240,000	2.5	261,000
Heron South	Aug-16	0.5	Refractory	1,140,000	2.2	2,000	1.3	1,140,000	2.2	80,000
Howards	Jul-13	0.4	Free Milling	5,250,000	1.1	720,000	1.0	5,970,000	1.1	204,000
Specimen Well	Aug-16	0.5	Free Milling			360,000	2.0	360,000	2.0	23,000
Toedter	Aug-16	0.5	Free Milling			690,000	1.5	690,000	1.5	34,000
Shiraz	Jul-13	0.4	Refractory	2,480,000	0.8	440,000	0.8	2,920,000	0.8	78,000
Underground Resources										
Swan UG	Jun-15	4.0/6.0	Free Milling	210,000	8.7	80,000	11.3	280,000	9.4	86,000
Swift UG	Jun-15	6.0	Free Milling			50,000	10.3	50,000	10.3	15,000
Kingfisher UG	Aug-16	3.5	Free Milling			390,000	6.1	390,000	6.1	77,000
Wilson's UG	Jul-13	1.0	Refractory	2,130,000	5.3	140,000	6.0	2,270,000	5.4	391,000
Total				13,450,000	2.2	3,850,000	2.5	17,300,000	2.2	1,250,000

Total Mineral Resources as at 30 June 2018 are 17.3Mt @ 2.25g/t Au for 1.25 million ounces contained gold (*Table 1*), which is unchanged from the Resources reported in Horizon's IPO Prospectus dated 21 October 2016 and previously by Panoramic Resources Limited ("Panoramic") (*refer Panoramic (ASX: PAN) ASX announcement of 14 October 2016 titled "Gum Creek Gold Project Mineral Resources at 30 September 2016"*).

Full details of the Resources, including Material Information Summaries for each deposit and JORC Table 1, Sections 1 and 3 are included in the announcement by Panoramic to the ASX on 14 October 2016. The announcement can be accessed via Panoramic's ASX announcements platform.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

APPENDIX 2:

Table 1: Gum Creek Project drill-hole locations and results

Hole	East	North	RL	Dip	Azi	EOH	From	To	Intercept
ALDD002	730994.7	7006422.9	532.1	-59.5	265.3	370.1	0	41.6	Mud-rotary precollar – not sampled
							62.0	64.0	2.0m @ 2.38% Cu
							170.0	171.0	1.0m @ 1.04% Zn and 0.16% Cu
							184.0	239.0	55.0m @ 3.32% Zn and 0.52% Cu
							213.0	222.0	Including: 9.0m @ 6.69% Zn and 1.00% Cu

Gum Creek Gold Project - Table 1, Section 1 – Sampling Techniques and Data

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

Criteria	Comments
Sampling techniques	<p><u>Diamond drilling:</u></p> <ul style="list-style-type: none"> Where possible ALDD002 diamond core was sawn in half, with one half collected for analysis and the other half retained for reference. In the softer, more friable upper parts of the hole the core was crushed and smashed in the core tray, then half of this material was grab sampled. Sampling of diamond core is generally at 1m intervals, or to geological/mineralisation boundaries. Diamond core sampling is selective, based on observed indicators of mineralisation (e.g. veining, alteration, and sulphide mineralisation).
Drilling techniques	<p><u>ALDD002:</u></p> <ul style="list-style-type: none"> Was drilled mud-rotary to 41.6m, HQ3 to 146.9m then NQ2 to EOH at 370.1m. Where possible, drill core was oriented using the Reflex “Ezi-Mark” system.
Drill sample recovery	<p><u>Diamond drilling:</u></p> <ul style="list-style-type: none"> Zones of core loss are noted during the drilling process Core recovery is recorded in the geological logging process as a percentage recovered vs. expected drill length. Core recoveries throughout the target intervals were consistently 100%.
Logging	<ul style="list-style-type: none"> ALDD002 was geologically logged. Geological logging typically detailed lithology, alteration, mineralisation, weathering, oxidation, veining and structural features if available. Logging was to an industry standard and in sufficient detail to support the statements made in the accompanying release.
Sub-sampling techniques and sample preparation	<p><u>Diamond drilling:</u></p> <ul style="list-style-type: none"> Sampling of the ALDD002 diamond core was generally at 1m intervals, or to obvious geological/mineralisation boundaries. Sample preparation for all samples submitted included oven drying for a minimum of 8 hours, crushing and pulverizing the sample to 85% passing 75 microns. Quality control procedures included the insertion of standards and blanks to monitor sampling and analytical processes. The sample sizes collected are those typically used throughout the industry and are considered appropriate to this style of mineralisation.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> All ALDD002 samples were submitted to ALS Laboratories in Perth for analysis. All core samples were subjected to an initial 50gm Fire Assay (code Au-AA26) and four-acid digest 31 multi-element ICP determination (code ME-ICP61a). Over-Limit (>1%) Zn and Cu values were re-assayed by Ore Grade four-acid digest ICP determination (code OG62). Over-Limit (>1%) S values for the zinc intercept reported in this release were re-assayed by the S-IR08 method. All analytical data reported was generated by direct laboratory assays. No field estimation devices were employed. ALS conducted extensive QAQC procedures throughout their laboratory processes. In addition, Horizon conducted its own internal QAQC process which typically involved the insertion of 1 Certified Reference Material (CRM) or blank for every 20 samples.
Verification of sampling and assaying	<ul style="list-style-type: none"> No independent check assaying was performed. No twin holes were completed. Logging was completed in OCRIS logging software and loaded into Horizon’s SQL database for validation. Sections were then generated and visual validation was completed to ensure integrity of the data.

Criteria	Comments
	<ul style="list-style-type: none"> No adjustments were made to assay data except for replacing negatives with half detection limit numerical values.
Location of data points	<ul style="list-style-type: none"> The collar for ALDD002 was initially set-out using a hand-held GPS and after completion was accurately surveyed DPGS. Down hole surveys were performed no more than 30m apart using an Axis Champ (north seeking) Gyro tool. The grid system at Gum Creek is MGA_GDA94 Zone 50. A Gum Creek surface topography DTM was acquired with the purchase of the Project. The origin of the DTM is unclear, but accurately surveyed drill hole collar RLs agree closely with the DTM.
Data spacing and distribution	<ul style="list-style-type: none"> Not applicable.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> All drilling was completed roughly perpendicular to the known strike of the structure/mineralisation or lithology being tested. No sampling bias is apparent from the direction of drilling.
Sample security	<ul style="list-style-type: none"> All samples were kept secure on site until dispatched to the laboratory.
Audits or reviews	<ul style="list-style-type: none"> All sampling techniques are accepted as industry standards. No audits or reviews have been undertaken.

Gum Creek Gold Project - Table 1, Section 2 - Reporting of Exploration Results

Criteria	Comments
Mineral tenement and land tenure status	<ul style="list-style-type: none"> The Gum Creek Gold Project (GCGP) is a former gold mining centre that has been on care and maintenance since 2005. The GCGP is currently secured by 45 tenements/applications. A current tenement listing is available in the Company's quarterly report for the period ending 30 June 2018, lodged with the ASX on 24 July 2018 All tenements and land tenure are current and held in good standing by Horizon Gold Limited's wholly owned entity, Panoramic Gold Pty Ltd (Pan Gold). Pan Gold has 100% ownership of the tenements, and subject to any necessary approvals, the sole right to explore for and/or mine all commodities within the area of the tenements. Various royalties may be payable to third parties in the future in relation to these tenements. Refer to the Solicitor's Report contained in the Company's IPO Prospectus submitted to ASIC on 21 October 2016 for details of the royalty agreements.
Exploration done by other parties	<p>Horizon Gold Limited acquired the GCGP in December 2016. Previous owners of the Project include:</p> <ul style="list-style-type: none"> Australian Resources Limited, 1988 – 1999 Abelle Limited, 1999 – 2003 Harmony Gold Mining Co Ltd, 2003 Legend Mining Limited, 2003 – 2005 (mining ceased) Apex Minerals Limited, 2008 - 2011 Panoramic Resources Limited 2011 – December 2016 <p>Exploration at Altair and Mensa prospects has been undertaken by the following entities:</p> <ul style="list-style-type: none"> Pancontinental Gold Pty Ltd 1993-1994 Goldfields Exploration Pty Ltd, 1995 WA Exploration Services Pty Ltd, 1998
Geology	<p>The GCGP contains a series of shear and vein host gold deposits of both free milling and refractory character. All deposits are classified as belonging to the Archaean orogenic category of gold deposits.</p>
Drill hole Information	<ul style="list-style-type: none"> Exploration at Gum Creek is conducted on the series of historical exploration grids. For consistency, all drill hole collars reported herein are in (MGA) GDA94 Zone 50 coordinates. Collar RLs are AHD. Collar co-ordinates are preliminary, based on hand-held GPS with typical accuracy of +/- 5m until resurveyed by DPGS after completion. Collar dips and azimuth are drill hole set-up designs. Down hole lengths and EOH depths are measured drill lengths. Table 1 in the text of the document summarises this information.
Data aggregation methods	<p><u>Diamond drilling:</u></p> <ul style="list-style-type: none"> Diamond drill results reported in this release are based on length-weighted composites, calculated using a 1.0% Zn lower cut-off grade Composites may contain up to a maximum downhole width of 1m internal dilution. No top cuts to high-grade assays have been applied.
Relationship between mineralisation	<p>There is insufficient data at this point to determine the relationship between the intercept lengths reported in this release and the True Width of the mineralisation.</p>

Criteria	Comments
widths and intercept lengths	
Diagrams	The diagrams and plans in this announcement are deemed to be appropriate for the level of data available and on the information being reported on.
Balanced reporting	The exploration results and information reported in this announcement are sufficiently detailed in nature for the announcement to be considered sufficiently balanced and not misleading.
Other substantive exploration data	Refer to the Company's ASX announcements dated 7 June 2018 and 31 August 2018.
Further work	The exploration results and information reported in this announcement relate to the completion of recent single diamond drill hole. Work is ongoing and further results will be reported if and when they become available.