

**3 July 2025**

## **Discovery of Gold Nugget Field Highlights Potential of Undrilled Turner Prospect at Christmas Creek**

**Drilling scheduled to commence in the coming weeks at this exciting target with heritage clearance completed recently and earthmoving imminent**

### **Highlights**

- Gold nuggets discovered at surface within 600m x 200m area, including close to a hilltop.
- No historic drilling recorded or observed in the area.
- Target area recently heritage cleared by Jaru and drill preparation earthmoving imminent.
- Drilling scheduled to commence in the coming weeks utilising the RC rig already on site.
- Additional rig en-route to site with diamond drilling due to commence at the Martin Prospect.
- First batch of assays from ongoing RC drilling at the Martin Prospect expected mid-July.



*Figure 1 – A selection of gold nuggets collected recently by the Trek Metals field crew at the undrilled Turner Prospect.*

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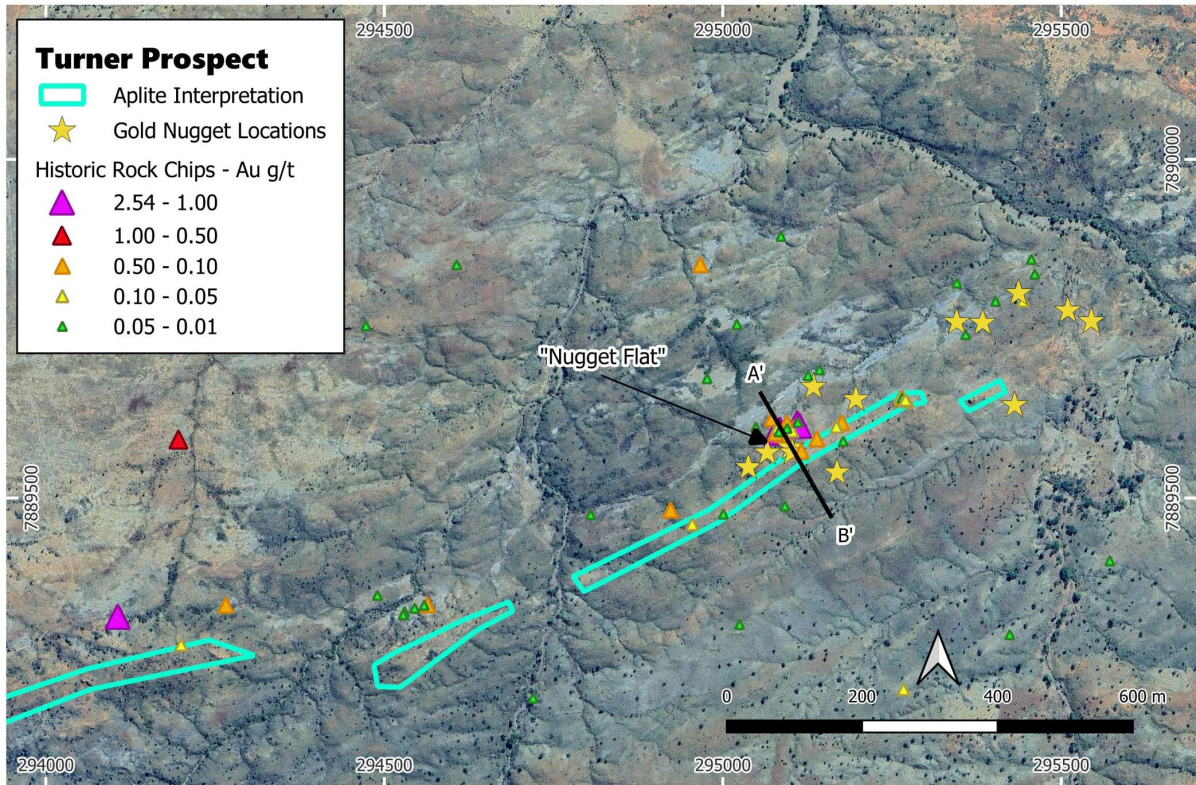


Figure 2 – Plan view at the Turner Prospect within E80/4975, highlighting “Nugget Flat” where numerous gold nuggets have been discovered, location of the gold nuggets found by Trek field personnel, locations of anomalous gold in historic rock chips, interpreted aplite unit weathering proud and location of the schematic cross-section shown in Figure 3.

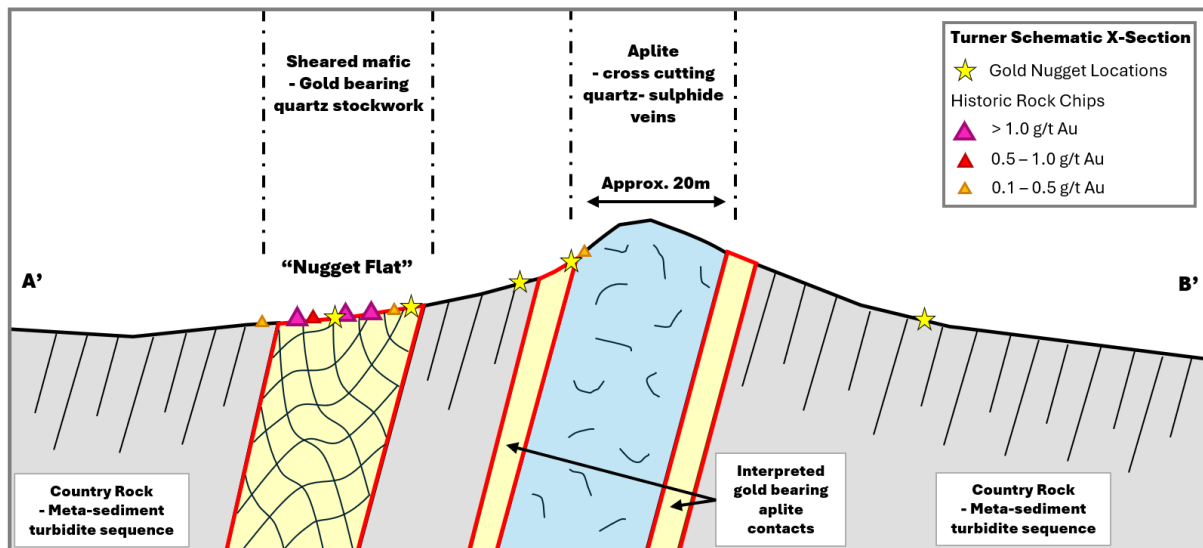


Figure 3. Schematic cross-section interpretation of the undrilled Turner prospect showing location of the gold nuggets in relation to the Aplite ridge with geological interpretation. Section markers A' & B' relating to Figure 2 are also shown.

**Cautionary Statement:** Visual estimates of mineral abundances should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates also potentially provide no information regarding impurities or deleterious physical properties relevant to valuations.

The gold nuggets are not likely representative of the entire Turner Prospect at the Christmas Creek Project and were found in an area of 600m x 200m where nuggets were located within E80/4975. Nugget locations are included in Figures 2 & 3 and listed in Table 1. The Turner Prospect location is included in Figure 6.

The gold mineralisation reported in this announcement is in nuggety form and the mineral is visually observed as native free gold and has not been, and will not be, assayed to confirm purity. TKM notes that the nuggets showing this metallic colour are typically high in gold purity.

Trek Metals Limited (ASX: **TKM**) ("**Trek**" or the "**Company**") is pleased to advise that it has identified a new highly prospective and undrilled prospect at the 100%-owned Christmas Creek Gold Project in the Kimberley region of WA which it is advancing rapidly towards drill testing alongside ongoing drilling at the priority Martin Prospect.

The Company's exploration team has discovered a nugget field with over 50 small gold nuggets (most in the ~0.2-0.4g range) in a favourable geological position at the Turner Prospect, located 30km north-east of Martin, where drilling is continuing. All nuggets located are wholly within Trek's granted Exploration Licence E80/4975 (Figures 2,3 & 6).

This opens an exciting new exploration front at the Christmas Creek Project, which the Company intends to pursue in parallel with ongoing work at Martin, Zahn, Coogan and other emerging prospect areas.

**Trek Metals CEO, Derek Marshall, said:** *"The rapid emergence of the Turner Prospect as a near-term drilling opportunity has been an unexpected bonus for the team – and we are very excited to get the rig up there as soon as possible. While our priority focus continues to be on testing around the known high-grade intercepts at Martin, we knew we had to follow up the Turner area – the story is just too good not to!"*

*"A historic report available via the Western Australian Mineral Exploration (WAMEX) database states gold nuggets – including some large examples such as those shown in Figure 4 – were recovered in the immediate vicinity of Turner, yet the prospect remains undrilled to this day. During a recent field trip with representatives from the Jaru Traditional Owner Group, the team collected over 50 small gold nuggets. Importantly, several of these were found up on the hill above Nugget Flat, indicating that the source is in the immediate vicinity. This provides an outstanding walk-up drill target."*

*"The geological interpretation is that there is an aplite unit that traverses the area for approximately 2km, with most mineralised rock chips and gold nuggets occurring near the northern contact of this unit. A sheared mafic unit with quartz veins also occurs close to this position and is interpreted to be the source of the gold, along with the contacts of the aplite as shown in Figures 2 & 3."*

*"Trek has decided to fast-track drilling at Turner and we now have all required permitting in place to allow us to utilise the RC rig currently on site in the coming weeks to test this exciting target area. The access track earthworks have already commenced."*

*"We are keeping a strong focus on the Martin Prospect where drill testing will continue with the scheduled arrival of a diamond drill rig next week. This will give us additional flexibility to test other prospects, such as Turner, with the RC rig, while maintaining significant momentum at Martin."*

*"We look forward to updating the market on the numerous exciting targets we are concurrently testing at the Christmas Creek Project. I would also personally like to thank both the field team and the Jaru for their support and efforts in rapidly progressing Turner towards drill testing."*





*Figure 4. Large gold nuggets recovered in the 1980s from the Turner Prospect area. Reference: Photo 1, file no 364 from WAMEX report A14856 Barnes 1985 Christmas Creek Annual Report for M.H. Ynema.*

## **Christmas Creek Project (Kimberley, Western Australia)**

Located south-west of Halls Creek, the Christmas Creek Project (Figure 5) comprises a largely concealed district-scale gold and rare earths exploration opportunity in the Kimberley region of WA associated with major continental-scale tectonic lineament intersections.

The Christmas Creek Project was previously part of Newmont Exploration Pty Ltd's (Newmont) global exploration portfolio with Trek acquiring the project in the December 2023 Quarter. The Company also secured additional tenement applications, adding to this district-scale greenfields gold and rare earths exploration project.

Four main undercover prospects – Coogan, Martin, Zahn and Willis – were identified via fine fraction soil sampling and Turner was identified by previous explorers via the occurrence of gold nuggets and anomalous rock chip samples (Figure 6).

Significant gold intercepts<sup>1</sup> have been returned from Martin, with encouraging anomalism identified at both Coogan and Zahn, indicating that gold-rich fluids have passed through the structures at these locations. The Turner Prospect is yet to be drill tested. Trek is focused on identifying traps sites with significant accumulations of gold mineralisation.

<sup>1</sup> Previously announced significant intercepts and collar tables from historical work at Christmas Creek can be found in Trek's project acquisition announcement via <https://investorhub.trekmetals.com.au/announcements/4421568> and more recent high-grade intercepts drilled by Trek via <https://trekmetals.com.au/announcements/6605930>

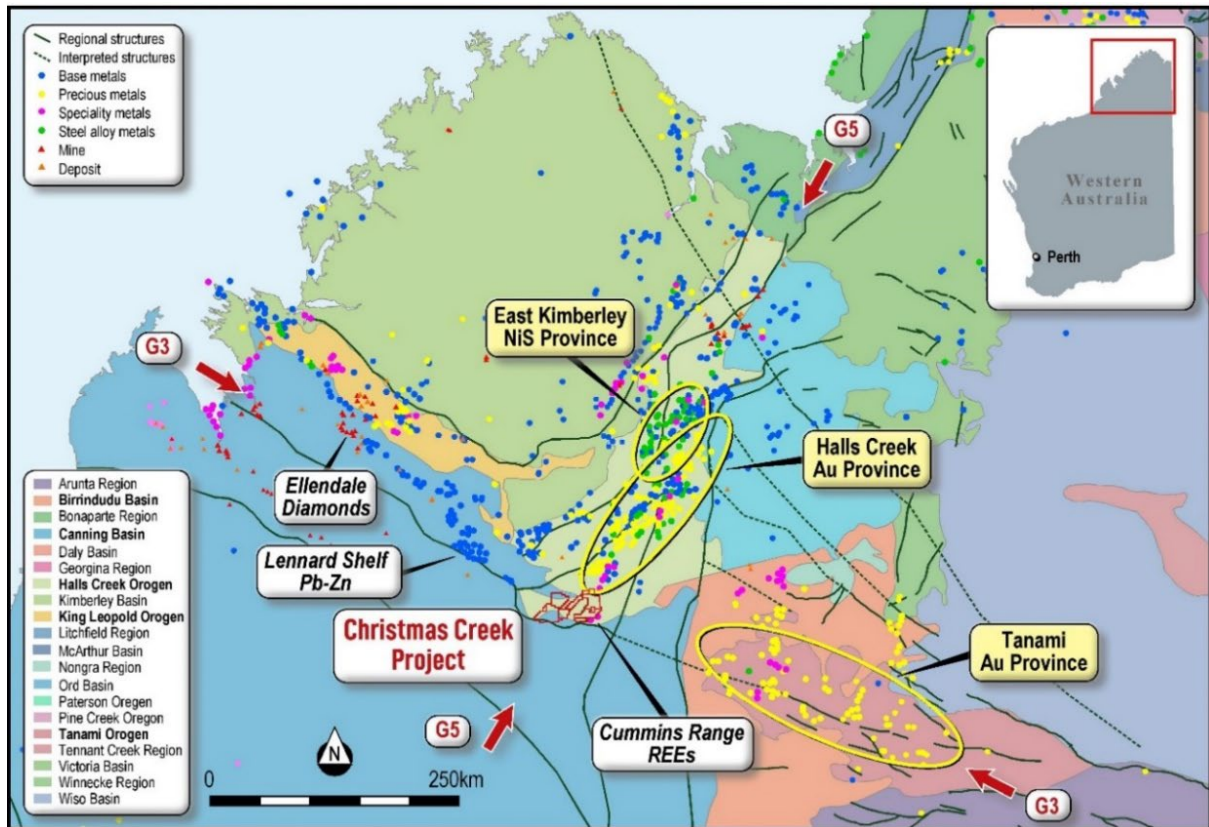


Figure 5: Continental scale context and location map for the Christmas Creek Project, located at the intersection of G3 and G5 metallogenic lineament corridors, potentially representing the intersection of the Granites-Tanami Orogen & the Halls Creek Orogen.

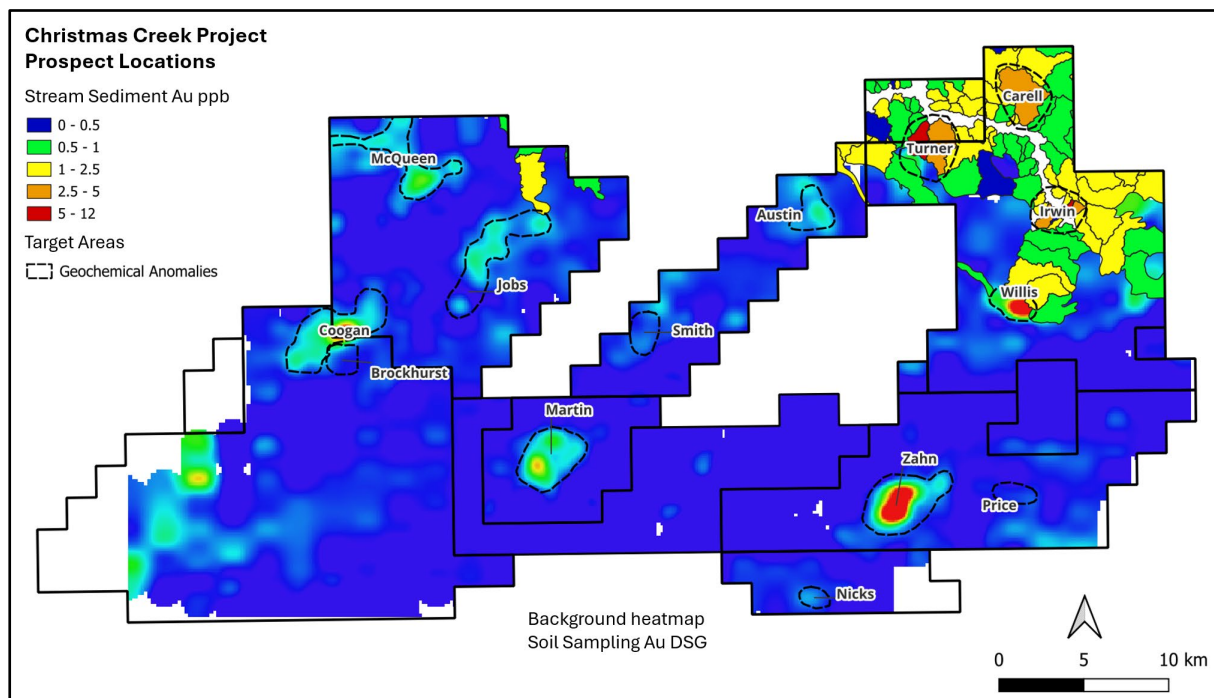


Figure 6: Prospect area map for the Christmas Creek Project area. Gold heatmap as defined by Deep Sensing Geochemistry (DSG) surface geochemistry across the main (undercover) project area, highlighting three of the four current focus prospect areas; Coogan, Martin & Zahn. Red colours outline results above 6ppb Au. In the northeastern part of the project the coloured stream sediment catchment areas highlight the new area of focus, Turner.

## Authorised by the Board of Directors

### ENDS

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## COMPETENT PERSONS STATEMENT

The information in this report relating to Exploration Results is based on information compiled by the Company's Chief Executive Officer, Mr Derek Marshall, a Competent Person, and Member of the Australian Institute of Geoscientists (AIG). Mr Marshall has sufficient experience relevant to the style of mineralisation and to the type of activity described to qualify as a competent person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves." Mr Marshall has disclosed that he holds fully paid Ordinary Shares and Performance Rights in the Company. Mr Marshall consents to the inclusion in this announcement of the matters based on his information in the form and content in which it appears.

## DISCLAIMERS AND FORWARD-LOOKING STATEMENTS

This announcement contains forward looking statements. Forward looking statements are often, but not always, identified A words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions.

The forward-looking statements in this announcement are based on current expectations, estimates, forecasts and projections about Trek and the industry in which it operates. They do, however, relate to future matters and are subject to various inherent risks and uncertainties. Actual events or results may differ materially from the events or results expressed or implied by any forward-looking statements. The past performance of Trek is no guarantee of future performance.

None of Trek's directors, officers, employees, agents or contractors makes any representation or warranty (either express or implied) as to the accuracy or likelihood of fulfilment of any forward-looking statement, or any events or results expressed or implied in any forward-looking statement, except to the extent required by law. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as at the date of this announcement.

Table 1. Recently collected gold nugget locations at the Turner Prospect, Christmas Creek Project. Nugget locations also shown in Figures 2 & 3. Turner Prospect general location also shown in Figure 6.

Easting	Northing	Reference System	Prospect	Tenement
295100	7889575	GDA2020 Z52	Turner	E80/4975
295103	7889567	GDA2020 Z52	Turner	E80/4975
295197	7889646	GDA2020 Z52	Turner	E80/4975
295510	7889777	GDA2020 Z52	Turner	E80/4975
295545	7889761	GDA2020 Z52	Turner	E80/4975
295384	7889759	GDA2020 Z52	Turner	E80/4975
295095	7889601	GDA2020 Z52	Turner	E80/4975
295169	7889538	GDA2020 Z52	Turner	E80/4975
295038	7889545	GDA2020 Z52	Turner	E80/4975
295066	7889567	GDA2020 Z52	Turner	E80/4975
295134	7889664	GDA2020 Z52	Turner	E80/4975
295346	7889760	GDA2020 Z52	Turner	E80/4975
295437	7889803	GDA2020 Z52	Turner	E80/4975
295431	7889637	GDA2020 Z52	Turner	E80/4975

Table 2. Historic rock chip results from the Turner Prospect, Christmas Creek Project.

Easting	Northing	WAMEX	Sample	Type	Company	Datum	Date	Au ppm
295411	7889750	A086946	59613	Rock	Pegasus	GDA94 AHD 52	2009	0.003
295617	7889901	A086946	59614	Rock	Pegasus	GDA94 AHD 52	2009	0.004
295583	7890194	A086946	59620	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295606	7890007	A086946	59621	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295067	7888576	A086946	59622	Rock	Pegasus	GDA94 AHD 52	2009	0.001
294899	7888704	A086946	59623	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295024	7889312	A086946	59624	Rock	Pegasus	GDA94 AHD 52	2009	0.025
295020	7889434	A086946	59625	Rock	Pegasus	GDA94 AHD 52	2009	0.001
294155	7888807	A086946	59626	Rock	Pegasus	GDA94 AHD 52	2009	0.001
294157	7888799	A086946	59627	Rock	Pegasus	GDA94 AHD 52	2009	0.001
294153	7888805	A086946	59628	Rock	Pegasus	GDA94 AHD 52	2009	0.002
294481	7888748	A086946	59629	Rock	Pegasus	GDA94 AHD 52	2009	0.005
294422	7888729	A086946	59630	Rock	Pegasus	GDA94 AHD 52	2009	0.006
294340	7888770	A086946	59631	Rock	Pegasus	GDA94 AHD 52	2009	0.003
295083	7889600	A086946	59635	Rock	Pegasus	GDA94 AHD 52	2009	1.683
295105	7889603	A086946	59636	Rock	Pegasus	GDA94 AHD 52	2009	0.249
295264	7889646	A086946	59637	Rock	Pegasus	GDA94 AHD 52	2009	0.01
295582	7889702	A086946	59638	Rock	Pegasus	GDA94 AHD 52	2009	0.001
293822	7888977	A086946	59823	Rock	Pegasus	GDA94 AHD 52	2009	0.015
293710	7889153	A086946	59824	Rock	Pegasus	GDA94 AHD 52	2009	0.023
293640	7889270	A086946	59825	Rock	Pegasus	GDA94 AHD 52	2009	0.007
295081	7889601	A086946	59826	Rock	Pegasus	GDA94 AHD 52	2009	0.583
295077	7889595	A086946	59827	Rock	Pegasus	GDA94 AHD 52	2009	2.133
295109	7889609	A086946	59828	Rock	Pegasus	GDA94 AHD 52	2009	1.03
295138	7889586	A086946	59829	Rock	Pegasus	GDA94 AHD 52	2009	0.11
294954	7889460	A086946	59830	Rock	Pegasus	GDA94 AHD 52	2009	0.05



Easting	Northing	WAMEX	Sample	Type	Company	Datum	Date	Au ppm
294892	7889503	A086946	59831	Rock	Pegasus	GDA94 AHD 52	2009	0.007
294850	7889484	A086946	59832	Rock	Pegasus	GDA94 AHD 52	2009	0.009
294804	7889474	A086946	59833	Rock	Pegasus	GDA94 AHD 52	2009	0.01
294590	7889293	A086946	59834	Rock	Pegasus	GDA94 AHD 52	2009	0.006
295858	7890250	A086946	59843	Rock	Pegasus	GDA94 AHD 52	2009	0.013
295108	7889661	A086946	59850	Rock	Pegasus	GDA94 AHD 52	2009	0.006
295142	7889688	A086946	59851	Rock	Pegasus	GDA94 AHD 52	2009	0.017
295156	7889736	A086946	59852	Rock	Pegasus	GDA94 AHD 52	2009	0.007
295306	7889751	A086946	59855	Rock	Pegasus	GDA94 AHD 52	2009	0.009
295258	7889649	A086946	59856	Rock	Pegasus	GDA94 AHD 52	2009	0.003
295261	7889647	A086946	59857	Rock	Pegasus	GDA94 AHD 52	2009	0.057
295272	7889641	A086946	59858	Rock	Pegasus	GDA94 AHD 52	2009	0.06
295475	7889788	A086946	59918	Rock	Pegasus	GDA94 AHD 52	2009	0.003
295482	7889795	A086946	59919	Rock	Pegasus	GDA94 AHD 52	2009	0.005
295460	7889829	A086946	59921	Rock	Pegasus	GDA94 AHD 52	2009	0.029
295429	7889837	A086946	59922	Rock	Pegasus	GDA94 AHD 52	2009	0.002
295455	7889851	A086946	59923	Rock	Pegasus	GDA94 AHD 52	2009	0.01
295430	7889728	A086946	59925	Rock	Pegasus	GDA94 AHD 52	2009	0.009
295358	7889689	A086946	59926	Rock	Pegasus	GDA94 AHD 52	2009	0.003
295453	7889800	A086946	59927	Rock	Pegasus	GDA94 AHD 52	2009	0.008
295443	7889790	A086946	59928	Rock	Pegasus	GDA94 AHD 52	2009	0.067
295402	7889789	A086946	59929	Rock	Pegasus	GDA94 AHD 52	2009	0.01
295379	7889781	A086946	59930	Rock	Pegasus	GDA94 AHD 52	2009	0.007
295345	7889816	A086946	59932	Rock	Pegasus	GDA94 AHD 52	2009	0.045
295345	7889801	A086946	59933	Rock	Pegasus	GDA94 AHD 52	2009	0.002
295320	7889778	A086946	59934	Rock	Pegasus	GDA94 AHD 52	2009	0.002
295375	7889739	A086946	59937	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295358	7889740	A086946	59938	Rock	Pegasus	GDA94 AHD 52	2009	0.018
295261	7889727	A086946	59939	Rock	Pegasus	GDA94 AHD 52	2009	0.008
295268	7889727	A086946	59940	Rock	Pegasus	GDA94 AHD 52	2009	0.006
295264	7889646	A086946	59942	Rock	Pegasus	GDA94 AHD 52	2009	0.102
295215	7889644	A086946	59943	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295107	7889746	A086946	59946	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295020	7889755	A086946	59947	Rock	Pegasus	GDA94 AHD 52	2009	0.044
294966	7889843	A086946	59948	Rock	Pegasus	GDA94 AHD 52	2009	0.155
294941	7889939	A086946	59949	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295072	7889616	A086946	59950	Rock	Pegasus	GDA94 AHD 52	2009	0.124
295048	7889603	A086946	59951	Rock	Pegasus	GDA94 AHD 52	2009	0.016
294976	7889675	A086946	59953	Rock	Pegasus	GDA94 AHD 52	2009	0.01
294987	7889627	A086946	59954	Rock	Pegasus	GDA94 AHD 52	2009	0.001
294999	7889592	A086946	59955	Rock	Pegasus	GDA94 AHD 52	2009	0.002
295003	7889594	A086946	59956	Rock	Pegasus	GDA94 AHD 52	2009	0.008
295065	7889540	A086946	59957	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295055	7889540	A086946	59958	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295050	7889518	A086946	59959	Rock	Pegasus	GDA94 AHD 52	2009	0.001
295000	7889475	A086946	59960	Rock	Pegasus	GDA94 AHD 52	2009	0.014



Easting	Northing	WAMEX	Sample	Type	Company	Datum	Date	Au ppm
295167	7889604	A086946	59961	Rock	Pegasus	GDA94 AHD 52	2009	0.059
295175	7889610	A086946	59962	Rock	Pegasus	GDA94 AHD 52	2009	0.103
294922	7889481	A086946	59963	Rock	Pegasus	GDA94 AHD 52	2009	0.155
294825	7889438	A086946	59964	Rock	Pegasus	GDA94 AHD 52	2009	0.002
294881	7889400	A086946	59965	Rock	Pegasus	GDA94 AHD 52	2009	0.002
294579	7889335	A086946	59966	Rock	Pegasus	GDA94 AHD 52	2009	0.006
291570	7888039	NA	1146468	Rock	Newmont	GDA2020 Z52	2018	-0.005
291537	7888123	NA	1146469	Rock	Newmont	GDA2020 Z52	2018	-0.005
293769	7887353	NA	1146470	Rock	Newmont	GDA2020 Z52	2018	-0.005
293828	7887456	NA	1146471	Rock	Newmont	GDA2020 Z52	2018	-0.005
293858	7887521	NA	1146472	Rock	Newmont	GDA2020 Z52	2018	-0.005
293855	7887723	NA	1146473	Rock	Newmont	GDA2020 Z52	2018	-0.005
292262	7887476	NA	1146474	Rock	Newmont	GDA2020 Z52	2018	-0.005
292432	7887335	NA	1146475	Rock	Newmont	GDA2020 Z52	2018	-0.005
295622	7887662	NA	1146476	Rock	Newmont	GDA2020 Z52	2018	-0.005
295932	7887639	NA	1146477	Rock	Newmont	GDA2020 Z52	2018	-0.005
295952	7887736	NA	1146478	Rock	Newmont	GDA2020 Z52	2018	-0.005
295875	7887913	NA	1146479	Rock	Newmont	GDA2020 Z52	2018	-0.005
295908	7888038	NA	1146480	Rock	Newmont	GDA2020 Z52	2018	-0.005
295905	7888054	NA	1146481	Rock	Newmont	GDA2020 Z52	2018	-0.005
294258	7888344	NA	1146482	Rock	Newmont	GDA2020 Z52	2018	-0.005
294258	7888345	NA	1146483	Rock	Newmont	GDA2020 Z52	2018	-0.005
294433	7888683	NA	1146484	Rock	Newmont	GDA2020 Z52	2018	-0.005
294401	7888707	NA	1146485	Rock	Newmont	GDA2020 Z52	2018	-0.005
294441	7888702	NA	1146486	Rock	Newmont	GDA2020 Z52	2018	-0.005
294720	7889205	NA	1146487	Rock	Newmont	GDA2020 Z52	2018	0.015
294768	7889453	NA	1146488	Rock	Newmont	GDA2020 Z52	2018	0.008
294816	7889479	NA	1146489	Rock	Newmont	GDA2020 Z52	2018	-0.005
295078	7889596	NA	1146490	Rock	Newmont	GDA2020 Z52	2018	0.294
295111	7889612	NA	1146491	Rock	Newmont	GDA2020 Z52	2018	0.026
295113	7889607	NA	1146492	Rock	Newmont	GDA2020 Z52	2018	1.51
295178	7889584	NA	1146493	Rock	Newmont	GDA2020 Z52	2018	0.014
295219	7889611	NA	1146494	Rock	Newmont	GDA2020 Z52	2018	0.005
292687	7888324	NA	1146495	Rock	Newmont	GDA2020 Z52	2018	-0.005
292687	7888327	NA	1146496	Rock	Newmont	GDA2020 Z52	2018	-0.005
292738	7888547	NA	1146497	Rock	Newmont	GDA2020 Z52	2018	-0.005
292612	7888556	NA	1146498	Rock	Newmont	GDA2020 Z52	2018	-0.005
292508	7888614	NA	1146499	Rock	Newmont	GDA2020 Z52	2018	-0.005
292346	7888608	NA	1146500	Rock	Newmont	GDA2020 Z52	2018	-0.005
295579	7889594	NA	1794000	Rock	Newmont	GDA2020 Z52	2018	0.004
292374	7888683	NA	1798401	Rock	Newmont	GDA2020 Z52	2018	-0.005
292377	7888681	NA	1798402	Rock	Newmont	GDA2020 Z52	2018	-0.005
292639	7889409	NA	1798403	Rock	Newmont	GDA2020 Z52	2018	-0.005
293462	7889577	NA	1798404	Rock	Newmont	GDA2020 Z52	2018	-0.005
293465	7889573	NA	1798405	Rock	Newmont	GDA2020 Z52	2018	-0.005
294007	7889239	NA	1798406	Rock	Newmont	GDA2020 Z52	2018	-0.005

Easting	Northing	WAMEX	Sample	Type	Company	Datum	Date	Au ppm
294106	7889325	NA	1798407	Rock	Newmont	GDA2020 Z52	2018	2.54
294468	7889799	NA	1798408	Rock	Newmont	GDA2020 Z52	2018	-0.005
294539	7889826	NA	1798409	Rock	Newmont	GDA2020 Z52	2018	-0.005
295150	7889446	NA	1798410	Rock	Newmont	GDA2020 Z52	2018	-0.005
295267	7889218	NA	1798411	Rock	Newmont	GDA2020 Z52	2018	0.095
295244	7889060	NA	1798412	Rock	Newmont	GDA2020 Z52	2018	-0.005
295078	7888411	NA	1798413	Rock	Newmont	GDA2020 Z52	2018	-0.005
295032	7888342	NA	1798414	Rock	Newmont	GDA2020 Z52	2018	0.027
294122	7889331	NA	1798415	Rock	Newmont	GDA2020 Z52	2018	-0.005
294145	7889339	NA	1798416	Rock	Newmont	GDA2020 Z52	2018	-0.005
294266	7889342	NA	1798417	Rock	Newmont	GDA2020 Z52	2018	0.289
294306	7889346	NA	1798418	Rock	Newmont	GDA2020 Z52	2018	-0.005
294453	7889337	NA	1798419	Rock	Newmont	GDA2020 Z52	2018	0.005
294563	7889340	NA	1798420	Rock	Newmont	GDA2020 Z52	2018	0.009
294566	7889342	NA	1798421	Rock	Newmont	GDA2020 Z52	2018	0.008
294559	7889342	NA	1798422	Rock	Newmont	GDA2020 Z52	2018	0.011
294528	7889328	NA	1798423	Rock	Newmont	GDA2020 Z52	2018	0.01
295081	7889604	NA	1798424	Rock	Newmont	GDA2020 Z52	2018	0.06
295095	7889603	NA	1798425	Rock	Newmont	GDA2020 Z52	2018	0.018
295103	7889599	NA	1798426	Rock	Newmont	GDA2020 Z52	2018	0.055
295065	7889593	NA	1798427	Rock	Newmont	GDA2020 Z52	2018	0.008
295083	7889598	NA	1798428	Rock	Newmont	GDA2020 Z52	2018	0.019
295270	7889645	NA	1798429	Rock	Newmont	GDA2020 Z52	2018	0.095
295583	7889559	NA	1798430	Rock	Newmont	GDA2020 Z52	2018	-0.005
295593	7889481	NA	1798431	Rock	Newmont	GDA2020 Z52	2018	-0.005
295588	7889389	NA	1798432	Rock	Newmont	GDA2020 Z52	2018	-0.005
296535	7889818	NA	1798433	Rock	Newmont	GDA2020 Z52	2018	-0.005
295065	7890918	NA	1798490	Rock	Newmont	GDA2020 Z52	2018	-0.001
295101	7890928	NA	1798491	Rock	Newmont	GDA2020 Z52	2018	0.004
295101	7890927	NA	1798492	Rock	Newmont	GDA2020 Z52	2018	-0.001
295212	7890919	NA	1798493	Rock	Newmont	GDA2020 Z52	2018	0.001
295126	7889681	NA	1798494	Rock	Newmont	GDA2020 Z52	2018	0.022
295105	7889639	NA	1798495	Rock	Newmont	GDA2020 Z52	2018	0.001
295095	7889611	NA	1798496	Rock	Newmont	GDA2020 Z52	2018	0.121
295098	7889600	NA	1798497	Rock	Newmont	GDA2020 Z52	2018	0.007
295088	7889594	NA	1798498	Rock	Newmont	GDA2020 Z52	2018	0.271
295116	7889569	NA	1798499	Rock	Newmont	GDA2020 Z52	2018	0.24
295586	7889598	NA	1798500	Rock	Newmont	GDA2020 Z52	2018	0.005

## JORC Table Section 1: Sampling Techniques and Data:

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.</li> </ul>	<ul style="list-style-type: none"> <li>Gold nuggets were discovered on site by Trek field personnel utilising a Minelab GPX6000 metal detector. The locations were recorded via handheld GPS and are plotted on Figures 2 &amp; 3, with locations also listed in Table 1.</li> <li>Historic rock chip data is plotted on Figures 2 &amp; 3, with locations and Au values also listed in Table 2. Pegasus samples were prepared via aqua-regia digest and analysed via ICP-AES. Newmont samples analysed for Au by fire assay with an ICP-AES finish at ALS laboratories in Perth. All samples and results are included.</li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).</li> </ul>	<ul style="list-style-type: none"> <li>No drill testing of the Turner Prospect has been recorded to date.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> </ul>	<ul style="list-style-type: none"> <li>No drill testing of the Turner Prospect has been recorded to date.</li> </ul>
Logging	<ul style="list-style-type: none"> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul style="list-style-type: none"> <li>No logging has been undertaken to date at the Turner Prospect.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field</li> </ul>	<ul style="list-style-type: none"> <li>No sub-sampling or sample preparation has been conducted to date at the Turner Prospect.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>duplicate/second-half sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>The Turner Prospect has been identified mainly by the occurrence of gold nuggets, along with the analysis of rock chips by both fire assay and aqua regia. Due to the early-stage nature of the prospect these are deemed appropriate. Drill testing and additional analysis of the samples generated will be tested at an accredited mineral exploration laboratory.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>The anomalous rock chip samples reported by Pegasus were field checked and duplicated with good comparative results by Newmont.</li> <li>The reported occurrence of gold nuggets at Turner has been verified recently by Trek personnel via the discovery of more than 50 small gold nuggets at the site utilising a metal detector.</li> </ul>
Location of data points	<ul style="list-style-type: none"> <li>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>Location of field data points were recorded using a handheld GPS which is considered appropriate at this stage of exploration.</li> <li>Grid projection system has been standardised in the database to GDA2020 MGA zone 52</li> <li>Surface RL data is collected using GPS, which is then projected to an SRTM DTM to improve accuracy. This is considered appropriate for this stage of exploration.</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>Field sampling has been irregular and targeted based on geological interpretation.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</li> </ul>	<ul style="list-style-type: none"> <li>At this early stage of exploration, the exact influence of geological structure is unknown.</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>Chain of custody is managed by the Company.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>A review of all available information regarding the sampling techniques, data and analytical methods has been undertaken by Trek and it is considered that appropriate methods have been employed at all stages of exploration to date.</li> <li>Reviews of legacy results have been completed in house by the previous operator and by Trek prior to, and further upon acquisition of the project.</li> </ul>

## JORC Table Section 2: Reporting of Exploration Results:

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>The Project is located ~140 km south-west of Halls Creek in northern Western Australia and comprises granted licences E80/4975, E80/5082, E80/5083, E80/5427, E80/5914, E80/6011, and E80/6012, and two applications, E80/6007 &amp; E80/6010. All tenements are held by Archer X Pty Ltd.</li> <li>Key terms for the 100% acquisition of Archer X Pty Ltd by Trek are outlined in the ASX:TKM release dated 11/10/2023.</li> <li>The Licences are located on Native Title determined land belonging to the Yi-Martuwarra Ngurrara in the West, and the Jaru People in the East. There is no determined Native Title claim over the Zahn Prospect in the southeast of the Project.</li> <li>Native title, heritage protection and mineral exploration agreements have been entered into with the Jaru and Yi-Martuwarra Ngurrara Native Title Holders and Newmont Exploration Pty Ltd and/or Archer X Pty Ltd. All agreements have been assigned to Archer X Pty Ltd. All fieldwork activities have been undertaken in conjunction with approval from Native Title representatives of the Yi-Martuwarra Ngurrara and Jaru people with numerous heritage surveys completed and cultural monitors present when requested. An archaeological survey was also completed prior to drilling activities at Zahn.</li> <li>The Project area lies within five cattle stations; Larrawa, Lamboo, Carranya, Yougawalla and Bulka.</li> </ul>
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>The Project area is relatively under explored with historical activity centred on the Christmas Creek and Burrina Pool prospects. A rare earth oxide Resource within a carbonatite dyke (Cummins Range Project, RareX Limited, ASX:REE), exists just outside and to the southeast of the Project area.</li> <li>Gold nuggets were first discovered in proximity to the Christmas Creek in the 1890's. Barnes (1985) suggests several thousand ounces were produced from the area, mostly in the 1930s and 1950s through into the 1980s. No official production records exist. Further prospecting and illegal dozing of the site has occurred. Reference: WAMEX report A14856 Barnes 1985 Christmas Creek Annual Report for M.H. Ynema</li> <li>CRA Exploration Pty Ltd (CRAE) undertook exploration in the area during the mid-1970s, undertaking an airborne magnetic and radiometric survey, where percussion drilling returned isolated bismuth (420ppm) and gold (0.6ppm) anomalism.</li> <li>G.B. Barnes and Associates for M.H. Ynema in the mid-1980s to early 1990s undertook sampling across stockwork veining produced a peak gold value of 21g/t Au. A 20g/t Au result was returned in 1992 after further sampling.</li> <li>Billiton Australia explored the southwestern portion of the Project between 1991 and 1994 for Pb-Zn mineralisation. Utilising 2D seismic data collected in 1985 for oil exploration, gravity, and magnetic data Billiton targeted an oil-trap style limestone dome with a single 565m deep diamond core hole. No significant assay results were returned however the model they were targeting has been superseded.</li> <li>Northern Star Resource Ltd completed Air Core (AC) drilling targeting the CRAE gold-bismuth anomaly and geophysical aeromagnetic and radiometric</li> </ul>

Criteria	JORC Code explanation	Commentary
		<p>highs undercover. Forty-six AC holes were drilled for 1,636m over three years. No significant assays were returned.</p> <ul style="list-style-type: none"> <li>Pegasus undertook airborne geophysics, stream sediment, soils and rock chip sampling around the Turner Prospect area in the late 2000s.</li> <li>Newmont entered into a Joint Venture agreement with Archer X Pty Ltd in 2017 and explored the Project until withdrawal in September 2023, with most of the on groundwork undertaken in the period 2018 – 2022. Exploration included significant surface geochemistry followed up by limited Air Core and Reverse Circulation drilling (details outlined in the announcement dated 11<sup>th</sup> October 2023, and associated Table 1). Three prospects (Coogan, Martin and Zahn) have been drill tested and have all returned positive results. Highlights from Martin include 7m at 4.9g/t Au (including 1m at 29.6g/t Au) from 24m in hole NEWXCAC196, 2m @ 9.65g/t Au from 72m in NEWXCRC012 and 3m @ 2.03g/t Au from 137m in NEWXCRC015. At Zahn, weak polymetallic mineralisation with a maximum intercept of 1m at 1% zinc was seen in association with sulphides along the contact between granodiorite and metasedimentary rocks. Drilling at Coogan returned 34m @ 0.18g/t Au from 58m in hole NEWXCRC021, 38m @ 0.16g/t Au from 14m and 30m @ 0.15g/t Au from 144m in hole NEWXCRC029. Newmont also undertook numerous geophysical surveys, including passive seismic, ground magnetics, wireline televiwer &amp; airborne EM.</li> </ul>
Geology	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>The Project is centred on the southernmost extension of the Halls Creek Orogen, located within the Kimberley region of Western Australia. Proterozoic sediments of the Project area are broadly correlative with Proterozoic sediments of northwestern Australia, host to the world class Callie-Auron deposit in the Tanami Orogen.</li> <li>It is hypothesised that this area may represent a triple junction with the Granites-Tanami Orogen, Wunaamin Miliwundi Orogen and the Halls Creek Orogen. Paleoproterozoic rocks of the eastern zone of the Lamboo Province are the oldest rocks mapped. Neoproterozoic rocks of the Wolfe and Louisa Basins are also present. In the Project area, these Palaeo- to Neoproterozoic rocks are largely covered by Phanerozoic sedimentary rocks of the Canning Basin.</li> <li>Gold mineralisation identified at Martin and Zahn is associated with minor sulphides (pyrite, chalcopyrite) in quartz veins and interpreted to represent orogenic gold. Mineralisation at Martin has an association with bismuth, tellurium, tungsten and selenium. Mineralisation at Coogan has a strong correlation with bismuth and an association with tellurium, copper and molybdenum, potentially pointing towards an intrusion-related mineral system. In both cases, the psammitic to pelitic host rocks are interpreted to be part of the Olympio Formation, a correlative of the Killi Killi Formation in the Tanami Region.</li> </ul>
Drill hole Information	<ul style="list-style-type: none"> <li><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li><i>eastings and northing of the drill hole collar</i></li> <li><i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li><i>dip and azimuth of the hole</i></li> <li><i>down hole length and interception depth</i></li> <li><i>hole length.</i></li> </ul> </li> <li><i>If the exclusion of this information is justified on the basis that the information is not</i></li> </ul>	<ul style="list-style-type: none"> <li>No drill testing of the Turner Prospect has been recorded to date.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<i>Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i>	
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul style="list-style-type: none"> <li>No data truncations were performed.</li> <li>No metal equivalents values have been reported.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<ul style="list-style-type: none"> <li>No intersections are being reported.</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>See relevant maps in the body of this announcement.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>All rock chip results in the Turner area have been plotted on Figures 2 &amp; 3 and listed in Table 2 of the announcement.</li> <li>All gold nuggets identified by Trek field personnel have been plotted on Figures 2 &amp; 3 and listed in Table 1 of the announcement.</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>Exploration data for the project continues to be reviewed and assessed and new information will be reported if material.</li> </ul>
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>The company is currently undertaking RC drilling at the Martin Prospect and plans to move the rig to Turner, Zahn and Brockhurst targets in the coming weeks. Preparatory earthworks have already commenced.</li> <li>A diamond drill rig is en-route to the Christmas Creek Project and will commence drilling at the Martin Prospect upon arrival.</li> </ul>