

27 May 2025

Promising early-stage gold results in the West Yilgarn

First-pass shallow drilling highlights a new large-scale gold target at the Kings Project and confirms proof-of-concept for gold within the Barrabarra Project

Highlights

- « First-pass Reverse Circulation (RC) / diamond drilling at the **Hardtack Target** (~5km SE of Bolgart in WA within the Kings Project) has intersected anomalous gold mineralisation along the regionally significant suture of the South West and Youanmi terranes, including **1m @ 6.6g/t Au**:
 - « RC drilling was designed to test ground EM plates prospective for Ni-Cu-PGE mineralisation, and unexpectedly intersected orogenic gold mineralisation.
 - « The target will now be refined with wide-spaced Aircore (AC) drilling along a **newly identified ~7km long gold-in-soil anomaly**.
- « First-pass, shallow AC drilling at the **~3,600km² Barrabarra Project** (~85km E of Geraldton in WA) has intersected prospective greenstone geology and anomalous gold/copper at two greenfield target areas previously mapped as barren granite/gneiss:
 - « **Warspite Target** (~2km long gold-plus-pathfinder soil anomaly) – significant intersections of gold/copper mineralisation were returned in bedrock (including **8m @ 1.2g/t Au from 20m to EOH**), with **several holes ending in mineralisation** – a potential association with parallel WNW striking structures, which remain open, will now be investigated.
 - « **Curtido Target** (>1.5km long gold-plus-pathfinder soil anomaly at the eastern end of the ~15km long Recherche West gold-in-soil trend) – several significant intersections of gold mineralisation were returned in bedrock, which remain **open to the south and east**.
 - « The **Recherche West** gold-in-soil trend remains poorly tested elsewhere and is a high priority for further reconnaissance AC drilling.
- « The regional geological setting at Barrabarra is comparable with other greenstone belts in the South West and Youanmi terranes of the Yilgarn which host significant gold and copper deposits, such as **Boddington (~30Moz Au, 1.3Mt Cu)**, owned by Newmont Corporation (ASX: NEM).
- « The results to date are an encouraging indication of fertile belts for orogenic gold or hydrothermal gold-copper mineral systems, in a **completely untested part of the Yilgarn Craton**.
- « **Additional soil sampling and AC drilling is planned** to further define/refine these and additional targets across the West Yilgarn, prior to potential follow-up RC/diamond drilling.

Overview

Chalice Mining Limited ("Chalice" or "the Company", ASX: CHN) is pleased to report encouraging results from ongoing early-stage gold-copper exploration activities across the West Yilgarn Province (Province) in Western Australia.

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Chalice continues to explore its ~8,000km² West Yilgarn licence holding, with a focus on discovering large-scale gold-copper mineral deposits, comparable to those found at Boddington (~30Moz Au, 1.3Mt Cu) and Deflector (>1.7Moz Au).

The entire licence holding was effectively unexplored pre-Chalice, providing an exceptional opportunity for new greenfield discoveries within the highly endowed Yilgarn Craton.

Chalice has completed a total of 8,850m of first-pass reconnaissance aircore (AC) drilling at the Barrabarra Project. In addition, ~3,000m of RC/diamond drilling has been completed at the Kings Project.

The results from these drilling and sampling campaigns – including the definition of prospective greenstone geology hosting gold-copper intersections in bedrock – are considered highly encouraging and provide proof-of-concept for Chalice's systematic exploration strategy across the Province.

Gold-copper focused exploration in the Province remains at an early stage, with targeting for gold-copper systems continuing, drawing upon all available datasets including high-quality airborne magnetics, gravity and EM survey data acquired by Chalice from 2021 to 2023 following the discovery of the tier-1 scale Gonneville PGE-Ni-Cu-Co deposit.

The work aims to progressively reduce and refine the exploration search-space, defining areas through a systematic methodology of remote dataset interrogation, on-ground mapping and regolith classification, soil sampling (using the best possible analytical techniques and detection limits), followed by shallow drilling of priority target areas to test the source of any anomalism defined.

The early-stage, proof-of-concept results demonstrate the overall prospectivity of the Province, and Chalice remains highly leveraged to exploration success in this vastly under-explored region, particularly when compared to more mature regions of Western Australia, including the Eastern Goldfields or Youanmi Terranes.

The work completed by Chalice to date has highlighted >40 untested greenfield targets across the Province which warrant further exploration.

Kings Project

The ~1,600km² Kings Project is located ~80km north-east of Perth in WA. The Kings Project includes the ~30km² Bolgart JV (E70/5151), where Chalice is earning a 70% interest.

Chalice has completed several years of exploration in the region targeting magmatic Ni-Cu-PGE deposits, however the region has seen very limited systematic exploration for orogenic or intrusion related gold systems.

The newly defined Hardtack Target, ~5km south-east of Bolgart, is centred on a new ~7km x 700m, north-south trending gold-in-soil anomaly, positioned on the regionally significant suture zone between the South West and Youanmi terranes (Figure 1).

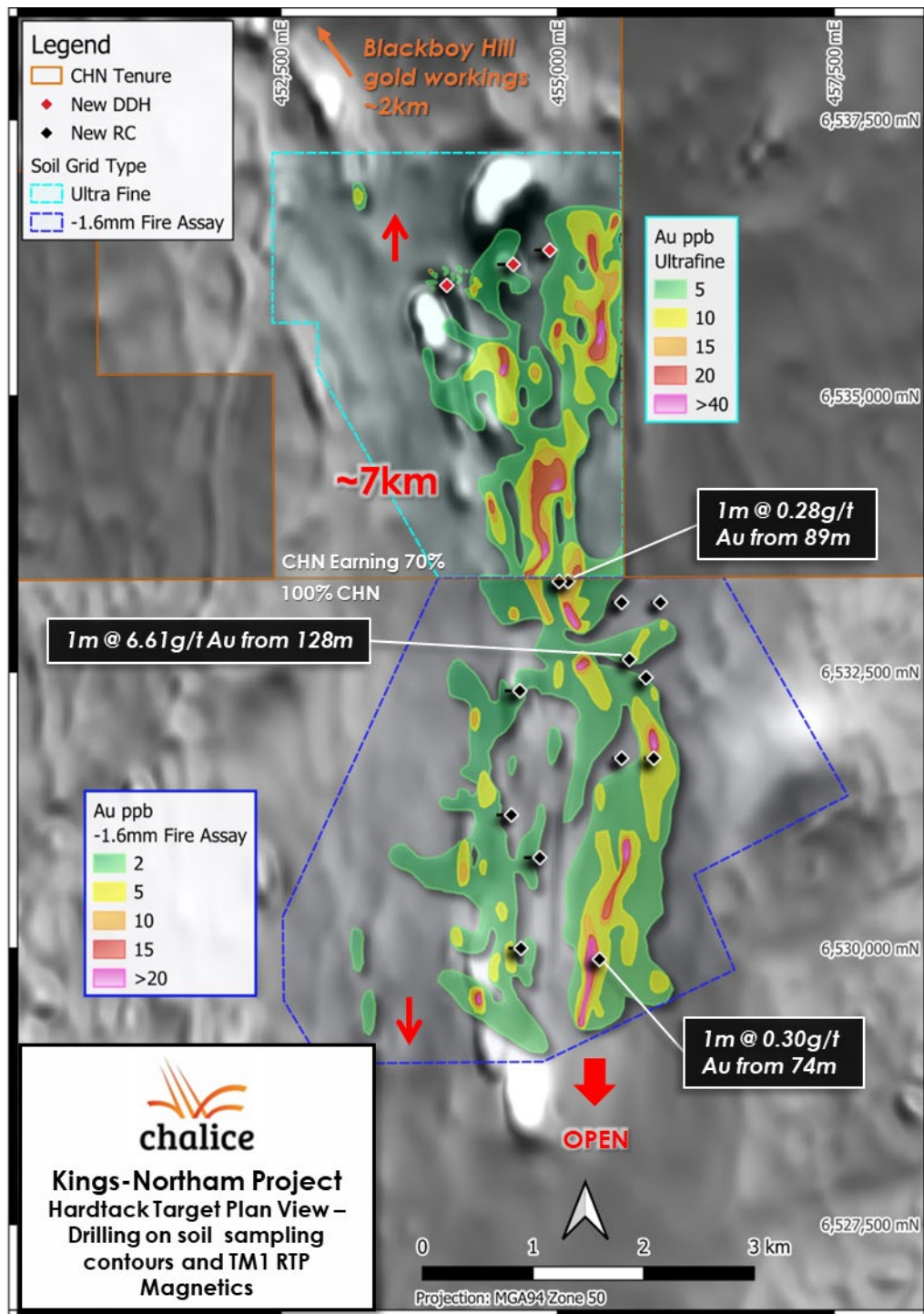


Figure 1. Hardtack Target RC/diamond drilling and gold-in-soil contours over regional magnetics.

Chalice completed a 13-hole, 2,300m RC/diamond drilling campaign, which targeted a series of MLEM plates with conductance from 300 to 3,000 Siemens. These plates had a N-S orientation, consistent with the regional strike, and were coincident with magnetic and gravity features considered prospective for Ni-Cu-PGE magmatic sulphide mineralisation.

While the drilling successfully defined zones of heavily disseminated to massive iron sulphides (pyrrhotite>pyrite), no significant nickel or copper intercepts were returned.

However, the drilling did define widespread gold anomalism in all holes, including 1m @ 6.61g/t Au from 128m in drill hole BRC002, as well as broader zones of sub-1g/t Au. These anomalous results coincide with a newly defined, coherent gold-in-soil anomaly (≥ 5 ppb Au level, >5 x background), suggesting that the soil anomalism is related to a bedrock source.

The target area is located ~4km south-east of historical gold workings at the Blackboy Hill mine (c. 1897).

Given the large-scale potential of the new target and the promising indications from wide-spaced drill holes to date, further AC drilling is planned to test the source of the gold anomalism as a priority. Further RC/diamond drilling will be dependent on the results from AC drilling.

Barrabarra Project

The 100% owned, ~3,600km² Barrabarra Project is located ~85km east of Geraldton in WA. It is essentially a completely unexplored part of the Yilgarn Craton, with only 37 RC, 405 AC and 26 RAB drill holes across an expansive area (420 of which have now been drilled by Chalice).

Chalice's exploration to date has identified several thousand square kilometres of greenstone geology, incorrectly mapped previously as barren granite/gneiss terrane (Figure 2).

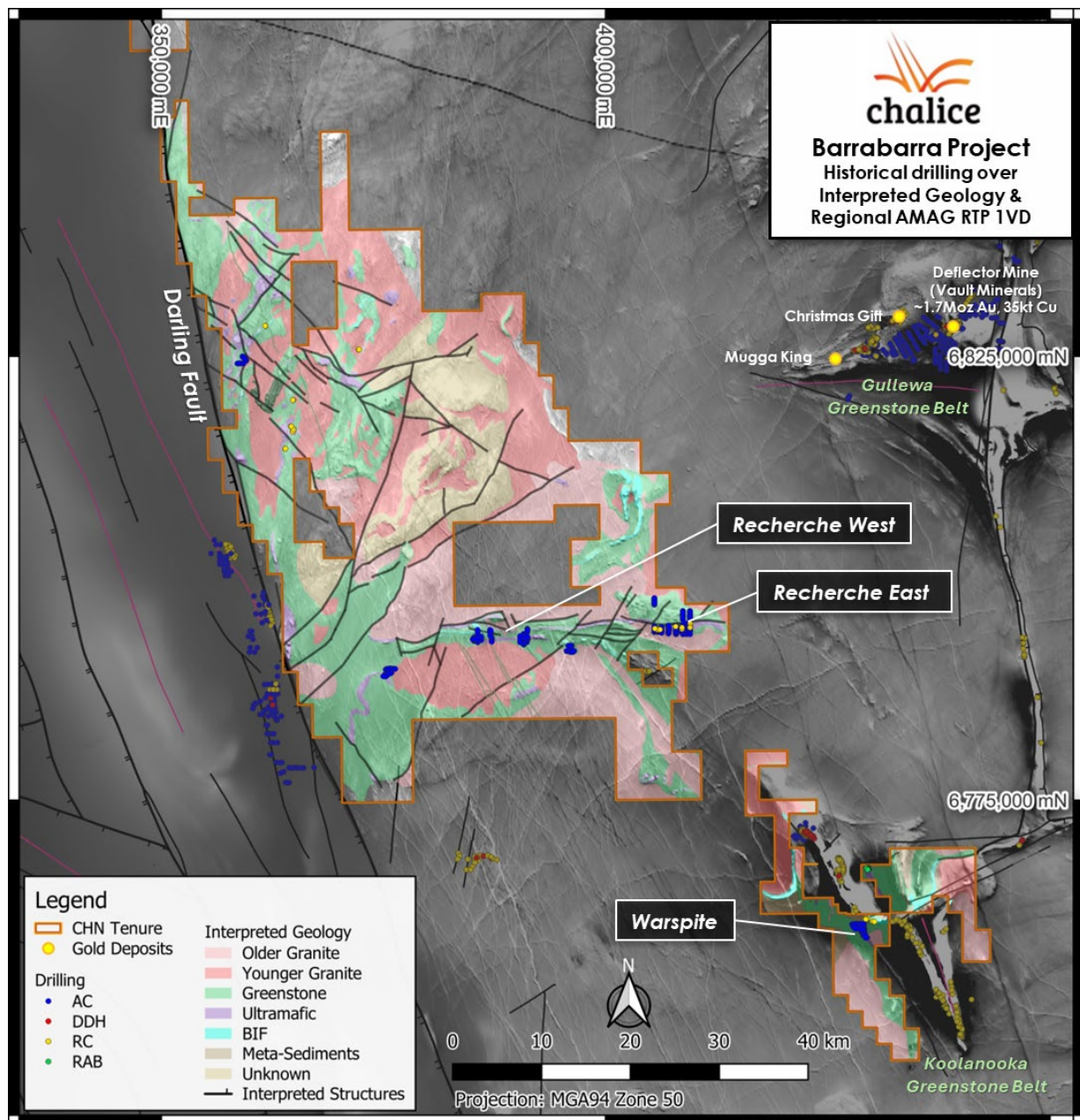


Figure 2. Barrabarra Project drilling to date over regional magnetics.

The Company's initial exploration effort in 2021-2023 was focused on discrete magnetic-gravity anomalies considered prospective for Ni-Cu-PGE mineralisation. Soil sampling across these targets

highlighted several broad areas of gold-in-soil anomalism which were subsequently screened with further broad sampling (Figure 3).

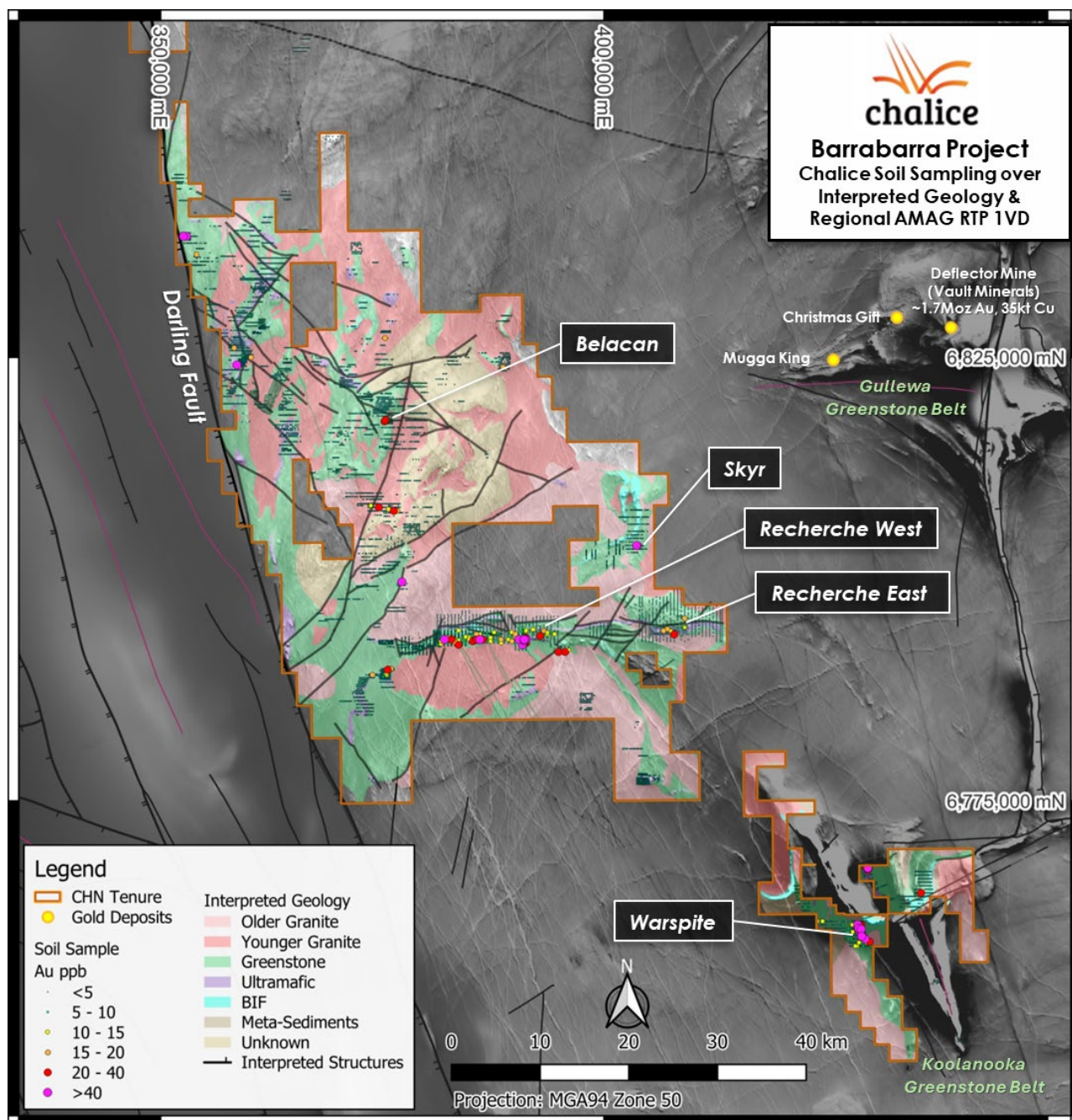


Figure 3. Barrabarra Project gold-in-soil sampling over regional magnetics.

Warspite Target

The Warspite Target is a ~2km long NNW trending gold anomaly at the 10ppb Au level (~5x background) with a peak of 75ppb Au, which has been identified on a 400m x 100m spaced soil sample grid, over areas of the Koolanooka greenstone belt not previously sampled.

The Koolanooka greenstone belt consists of meta-basalt, gabbro, ultramafic, metasediments and BIF bounded by granite-gneiss basement (Figure 5).

Anomalous gold and copper was intersected in several holes from very shallow depths, with significant results in bedrock including:

« 8m @ 1.21g/t Au from 20m to end-of-hole (EOH), incl. 3m @ 2.24g/t Au from 24m (BBAC136);



Figure 4. AC chips from BBAC136 – 20m to 28m (EOH).

- « 3m @ 0.19g/t Au from 0m to EOH, incl. 1m @ 0.25g/t Au from 1m (BBAC137);
- « 3m @ 0.4% Cu from 34m to EOH (BBAC303);
- « 1m @ 0.16g/t Au from 22m to EOH (BBAC289).

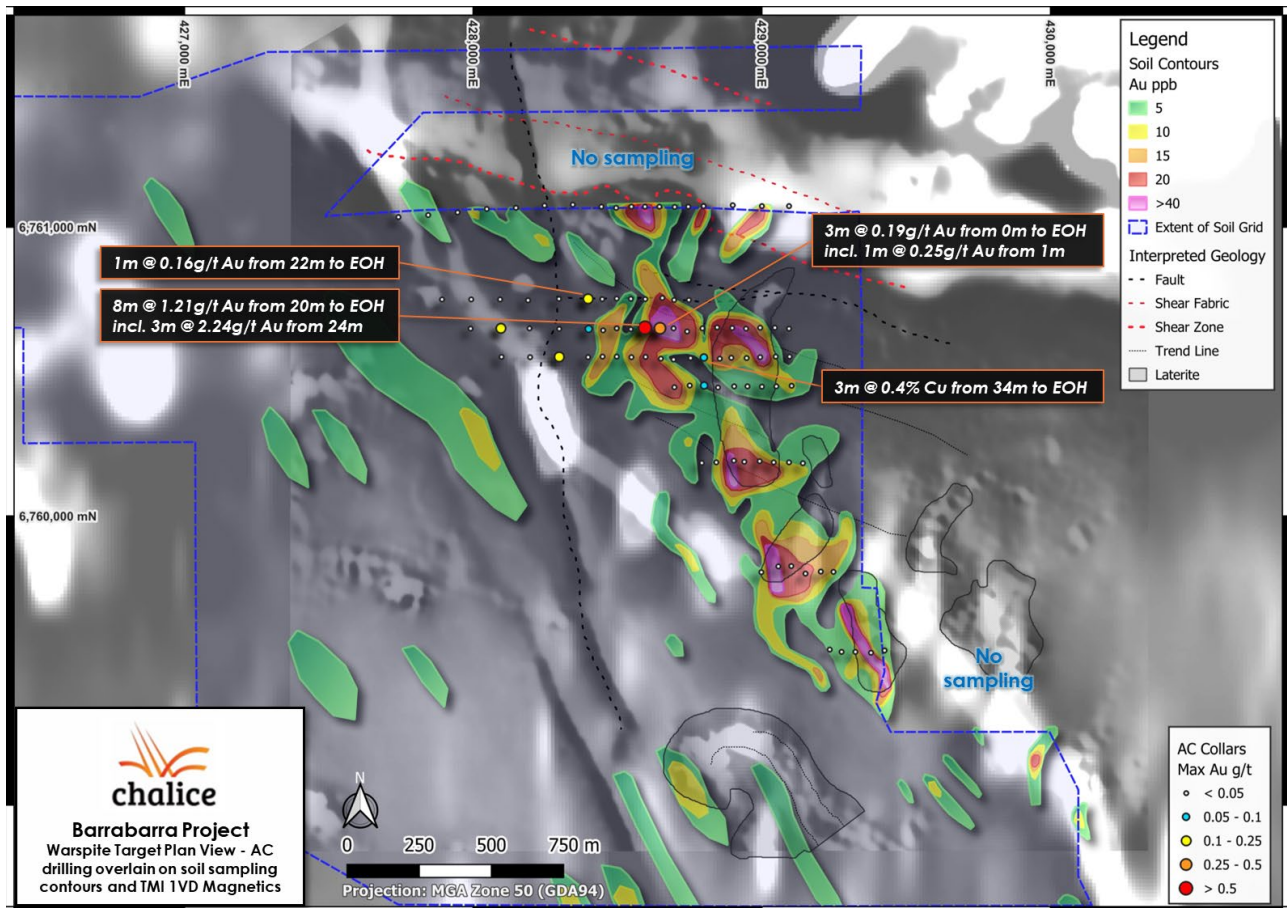


Figure 5. Warspite Target AC drilling and gold-in-soil contours over TMI/1VD magnetics.

Orientation of the anomalous results may indicate mineralisation associated with WNW trending structures, which requires further on-ground validation. While the initial shallow results are low-level, they are encouraging given the holes ended in mineralisation. Further on-ground validation work is currently underway and follow-up drilling will be scoped based on this work.

Recherche West Trend

The Recherche West Trend is a ~15km long Au plus Ag-As pathfinder trend, which was originally identified on a 400m x 100-50m spaced soil sample grid, over a prominent east-west trend of complex aeromagnetic anomalies associated with a poorly exposed greenstone belt succession comprising metasediments, ultramafic-mafic intrusions and intermittent banded iron formation (BIF) (Figure 6).

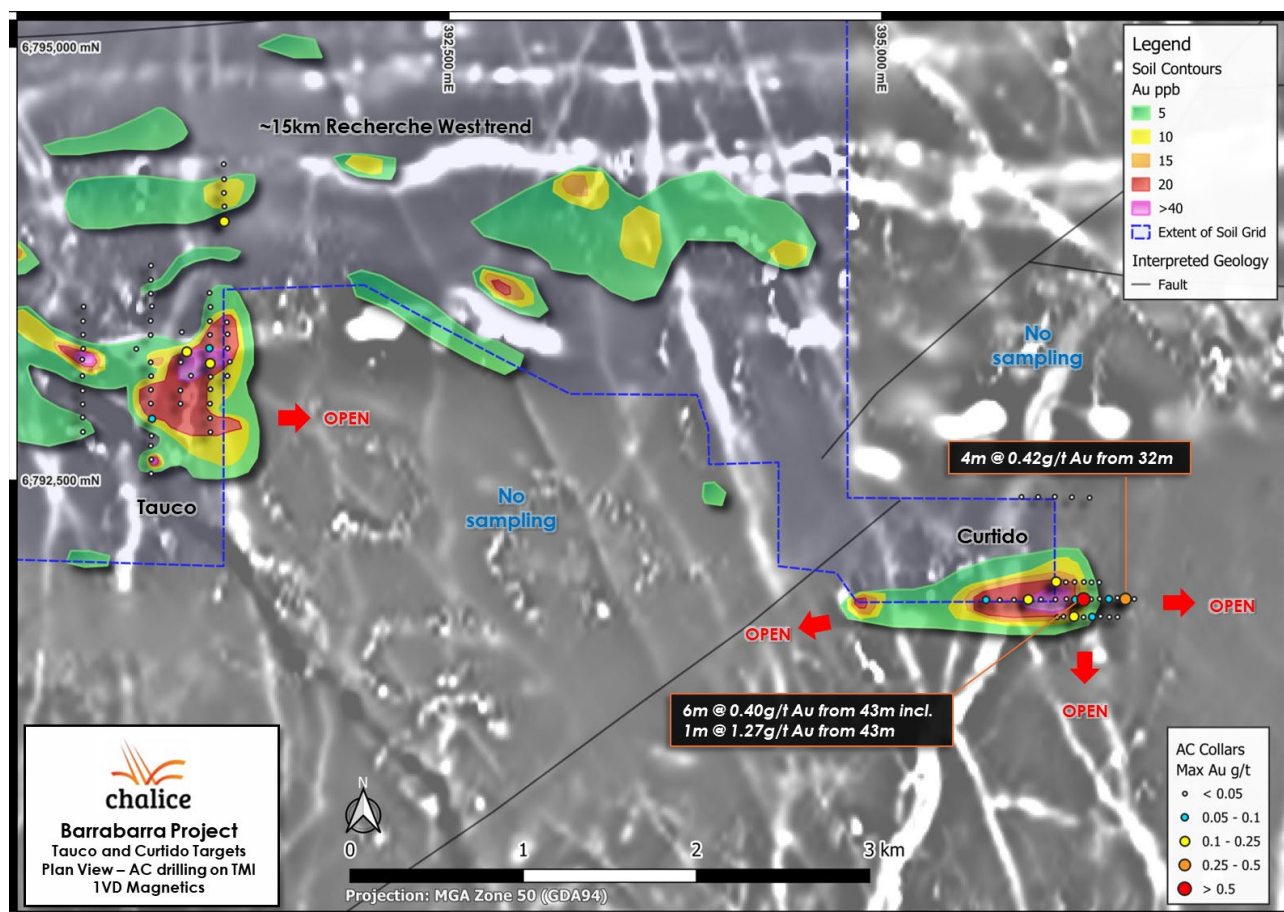


Figure 6. Curtido-Tauco Targets AC drilling and gold-in-soil contours over regional magnetics.

The main gold anomaly at the Curtido target, which forms part of the broader Recherche West Trend, is coherent at 5-10ppb Au level (~5-10x background) with a peak result of 235ppb Au. The gold anomalism is coincident with Ag and As, which are typical pathfinders for orogenic gold mineralisation.

Anomalous gold was intersected in several holes, with significant results including:

- « 4m @ 0.42g/t Au from 32m (BBAC346);
- « 6m @ 0.40g/t Au from 43m, incl. 1m @ 1.27g/t Au from 43m (BBAC242).

While initial shallow results are low-level, they are encouraging and warrant further work. This is the first ever bedrock gold mineralisation intersected in this area and provides an encouraging proof-of-concept of prospectivity for gold mineralisation in this newly identified greenstone belt.

Further soil sampling around the Curtido Target area is planned, as well as between the Curtido and adjacent Tauco Target, where low-level gold anomalism was also intersected in the recent AC drilling. Further AC drilling will be dependent on soil sampling demonstrating anomaly footprints of scale.

This announcement has been authorised for release by the Disclosure Committee.

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About the West Yilgarn Province

Chalice's ~8,000km² West Yilgarn licence holding was predominantly staked in early 2020 following the greenfield Gonneville PGE-Ni-Cu-Co discovery by Chalice's geologists. The licence holding has been subsequently expanded over time through new staking and earn-in agreements.

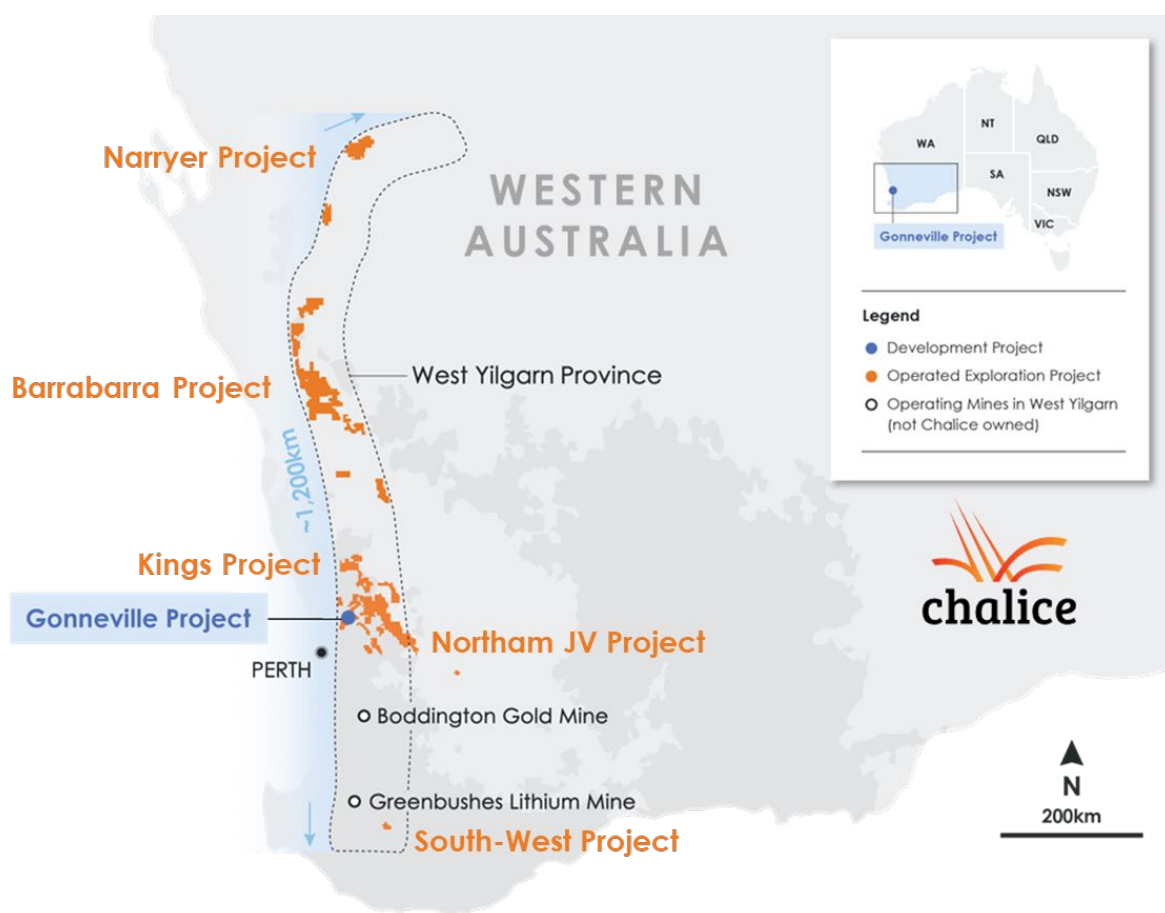


Figure 7. Chalice portfolio of exploration projects in the West Yilgarn.

The entire licence holding was effectively unexplored pre-Chalice (owing to the lack of outcropping basement geology and prevalence of large-scale farming activities), providing an exceptional opportunity for new greenfield discoveries.

Province-scale greenfield exploration activities commenced in 2021, with the Company systematically acquiring project-wide geophysical surveys (airborne electromagnetics, ultra-detailed aeromagnetics, Falcon airborne gravity), conducting in-field geological reconnaissance and completing large surface geochemical surveys, primarily targeting orogenic Au-Cu, intrusive-related/hydrothermal Au-Cu and magmatic Ni-Cu-Co-PGE sulphide mineral systems.

The work completed by Chalice to date has highlighted >40 greenfield targets across the Province.

Competent Person Statement

The information in this announcement that relates to new Exploration Results in relation to the Barrabarra Project is based on and fairly represents information and supporting documentation compiled by Mr David Freeman (BSc., MSc. Econ. Geol.), a Competent Person, who is a Member of the Australian Institute of Geoscientists (#6352). Mr Freeman is a full-time employee of the Company, is entitled to participate in Chalice's Employee Securities Incentive Plan and holds securities in Chalice. Mr Freeman has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Mr Freeman consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

This announcement includes forward looking statements that have been based on an assessment of present economic and operating conditions, and assumptions regarding future events and actions that, as at the date of this announcement, are considered reasonable by the Company. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company and its Directors and management. The Company cannot and does not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements. The Company has no intention to update or revise forward-looking statements, except where required by law.

Table 1. Significant new drill intersections and collar details – Barrabarra and Kings Projects.

Target	Hole ID	From (m)	To (m)	Interval (m)	Au (g/t)	Cu (%)
Curtido	BBAC242	43	49 (EOH)	6	0.40	
Curtido	incl	43	44	1	1.27	
Curtido	BBAC346	32	36	4	0.42	
Warspite	BBAC136	20	28 (EOH)	8	1.21	
Warspite	incl	24	27	3	2.24	
Warspite	BBAC137	0	3 (EOH)	3	0.19	
Warspite	incl	1	2	1	0.25	
Warspite	BBAC289	22	23 (EOH)	1	0.16	
Warspite	BBAC303	34	37 (EOH)	3		0.40
Hardtack	BRC002	74	75	1	0.30	
Hardtack	BRC006	89	90	1	0.28	
Hardtack	BRC009	128	129	1	6.61	

Table 2. Collar details – RC/Diamond Drilling (GDA94, Zone 50) – Kings Project.

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Hardtack	BRC001	454670	6530000	247	-60	269	200	RC	E70/5350
Hardtack	BRC002	455380	6529900	246	-59	269	248	RC	E70/5350
Hardtack	BRC002A	455380	6529900	246	-60	270	24	RC	E70/5350
Hardtack	BRC003	454840	6530820	216	-60	270	261	RC	E70/5350
Hardtack	BRC004	454583	6531206	209	-61	273	242	RC	E70/5350

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Hardtack	BRC005	454660	6532330	209	-60	272	147	RC	E70/5350
Hardtack	BRC006	455095	6533320	223	-60	278	150	RC	E70/5350
Hardtack	BRC007	455580	6533130	237	-60	249	161	RC	E70/5350
Hardtack	BRC008	455930	6533130	240	-61	274	150	RC	E70/5350
Hardtack	BRC009	455650	6532614	212	-73	260	201	RC	E70/5350
Hardtack	BRC010	455800	6532450	213	-60	224	123	RC	E70/5350
Hardtack	BRC011	455580	6531720	245	-61	265	150	RC	E70/5350
Hardtack	BRC012	455870	6531720	229	-61	270	150	RC	E70/5350
Hardtack	BRC013	455015	6533320	216	-71	273	100	RC	E70/5350
Hardtack	BD001	454930	6536320	249	-70	269	366.4	DDH	E70/5151
Hardtack	BD002	454000	6536000	226	-61	270	30.3	DDH	E70/5151
Hardtack	BD003	454600	6536190	241	-61	272	279.3	DDH	E70/5151

Table 3. Collar details – AC Drilling (GDA94, Zone 50) – Barrabarra Project.

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Warspite	BBAC135	428546	6760647	344	-60	270	20	AC	E70/5356
Warspite	BBAC136	428595	6760652	343	-60	270	28	AC	E70/5356
Warspite	BBAC137	428647	6760650	342	-60	270	3	AC	E70/5356
Warspite	BBAC138	428694	6760650	342	-60	270	18	AC	E70/5356
Warspite	BBAC139	428741	6760639	341	-60	270	12	AC	E70/5356
Warspite	BBAC140	428794	6760650	340	-60	270	24	AC	E70/5356
Warspite	BBAC141	428845	6760653	340	-60	270	45	AC	E70/5356
Warspite	BBAC142	428897	6760651	339	-60	270	48	AC	E70/5356
Warspite	BBAC143	428945	6760649	338	-60	270	40	AC	E70/5356
Warspite	BBAC144	428994	6760652	337	-60	270	48	AC	E70/5356
Warspite	BBAC145	429045	6760652	336	-60	270	59	AC	E70/5356
Warspite	BBAC146	429094	6760649	335	-60	270	61	AC	E70/5356
Warspite	BBAC147	428792	6760184	338	-60	270	32	AC	E70/5356
Warspite	BBAC148	428842	6760186	338	-60	270	40	AC	E70/5356
Warspite	BBAC149	428903	6760192	337	-60	270	44	AC	E70/5356
Warspite	BBAC150	428939	6760188	337	-60	270	54	AC	E70/5356
Warspite	BBAC151	428992	6760190	336	-60	270	52	AC	E70/5356
Warspite	BBAC152	429041	6760186	335	-60	270	56	AC	E70/5356
Warspite	BBAC153	429094	6760186	333	-60	270	52	AC	E70/5356
Warspite	BBAC154	429142	6760183	333	-60	270	60	AC	E70/5356
Warspite	BBAC155	428998	6759806	342	-60	270	51	AC	E70/5356
Warspite	BBAC156	429057	6759826	342	-60	270	53	AC	E70/5356
Warspite	BBAC157	429151	6759801	339	-60	270	42	AC	E70/5356
Warspite	BBAC158	429204	6759808	336	-60	270	38	AC	E70/5356
Warspite	BBAC159	429248	6759807	334	-60	270	42	AC	E70/5356

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Warspite	BBAC160	429235	6759538	340	-60	270	31	AC	E70/5356
Warspite	BBAC161	429276	6759530	340	-60	270	33	AC	E70/5356
Warspite	BBAC162	429324	6759530	342	-60	270	24	AC	E70/5356
Warspite	BBAC163	429378	6759527	345	-60	270	42	AC	E70/5356
Warspite	BBAC164	429425	6759535	346	-60	270	38	AC	E70/5356
Warspite	BBAC165	429102	6759827	342	-60	270	52	AC	E70/5356
Tauco	BBAC166	391123	6792778	329	-60	180	57	AC	E70/5264
Tauco	BBAC167	391121	6792858	328	-60	180	64	AC	E70/5264
Tauco	BBAC168	391120	6792942	330	-60	180	55	AC	E70/5264
Tauco	BBAC169	391123	6793025	331	-60	180	51	AC	E70/5264
Tauco	BBAC170	391124	6793097	333	-60	180	57	AC	E70/5264
Tauco	BBAC171	391122	6793174	333	-60	180	59	AC	E70/5264
Tauco	BBAC172	391117	6793262	332	-60	180	65	AC	E70/5264
Tauco	BBAC173	391120	6793339	330	-60	180	48	AC	E70/5264
Tauco	BBAC174	391120	6793418	328	-60	180	60	AC	E70/5264
Tauco	BBAC175	391123	6793500	325	-60	180	55	AC	E70/5264
Tauco	BBAC176	391118	6793581	323	-60	180	55	AC	E70/5264
Tauco	BBAC177	390779	6792699	332	-60	180	39	AC	E70/5264
Tauco	BBAC178	390783	6792756	332	-60	180	39	AC	E70/5264
Tauco	BBAC179	390786	6792855	330	-60	180	23	AC	E70/5264
Tauco	BBAC180	390779	6792943	329	-60	180	17	AC	E70/5264
Tauco	BBAC181	390779	6793022	328	-60	180	24	AC	E70/5264
Tauco	BBAC182	390781	6793101	328	-60	180	24	AC	E70/5264
Tauco	BBAC183	390778	6793181	329	-60	180	31	AC	E70/5264
Tauco	BBAC184	390695	6793258	328	-60	180	49	AC	E70/5264
Tauco	BBAC185	390781	6792538	330	-60	180	72	AC	E70/5264
Tauco	BBAC186	390782	6792620	331	-60	180	46	AC	E70/5264
Tauco	BBAC187	390778	6793338	332	-60	180	42	AC	E70/5264
Tauco	BBAC188	390778	6793420	330	-60	180	30	AC	E70/5264
Tauco	BBAC189	390785	6793504	327	-60	180	30	AC	E70/5264
Tauco	BBAC190	390779	6793577	324	-60	180	39	AC	E70/5264
Tauco	BBAC191	390779	6793656	320	-90	0	49	AC	E70/5264
Tauco	BBAC192	390780	6793739	317	-90	0	41	AC	E70/5264
Tauco	BBAC193	390387	6792779	333	-90	0	33	AC	E70/5264
Tauco	BBAC194	390386	6792863	331	-90	0	43	AC	E70/5264
Tauco	BBAC195	390386	6792939	329	-90	0	27	AC	E70/5264
Tauco	BBAC196	390386	6793017	329	-90	0	7	AC	E70/5264
Tauco	BBAC197	390384	6793102	329	-90	0	31	AC	E70/5264
Tauco	BBAC198	390383	6793197	325	-90	0	46	AC	E70/5264
Tauco	BBAC199	390388	6793259	324	-90	0	48	AC	E70/5264
Tauco	BBAC200	390388	6793340	320	-90	0	49	AC	E70/5264

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Tauco	BBAC201	390388	6793418	319	-90	0	43	AC	E70/5264
Tauco	BBAC202	390391	6793502	319	-90	0	29	AC	E70/5264
Ogi	BBAC203	385994	6793054	359	-90	0	24	AC	E70/5666
Ogi	BBAC204	385993	6793138	358	-90	0	35	AC	E70/5666
Ogi	BBAC205	386000	6793201	355	-90	0	38	AC	E70/5666
Ogi	BBAC206	385993	6793280	354	-90	0	40	AC	E70/5666
Ogi	BBAC207	385993	6793364	355	-90	0	37	AC	E70/5264
Ogi	BBAC208	385995	6793442	355	-90	0	39	AC	E70/5264
Ogi	BBAC209	385204	6792936	370	-90	0	38	AC	E70/5666
Ogi	BBAC210	385200	6792992	369	-90	0	44	AC	E70/5666
Ogi	BBAC211	385200	6793076	368	-90	0	31	AC	E70/5666
Ogi	BBAC212	385207	6793158	364	-90	0	39	AC	E70/5666
Ogi	BBAC213	385205	6793236	363	-90	0	30	AC	E70/5666
Ogi	BBAC214	385199	6793315	362	-90	0	22	AC	E70/5264
Garum	BBAC215	375702	6789247	348	-90	0	16	AC	E70/5551
Garum	BBAC216	375136	6789154	345	-90	0	32	AC	E70/5551
Garum	BBAC217	375219	6789150	347	-90	0	6	AC	E70/5551
Garum	BBAC218	375299	6789151	350	-90	0	27	AC	E70/5551
Garum	BBAC219	375377	6789151	352	-90	0	33	AC	E70/5551
Garum	BBAC220	375458	6789149	354	-90	0	31	AC	E70/5551
Garum	BBAC221	375534	6789177	354	-90	0	41	AC	E70/5551
Garum	BBAC222	375592	6789224	353	-90	0	39	AC	E70/5551
Garum	BBAC223	375639	6789287	353	-90	0	39	AC	E70/5551
Garum	BBAC224	375763	6789291	345	-90	0	14	AC	E70/5551
Garum	BBAC225	375832	6789328	342	-90	0	8	AC	E70/5551
Garum	BBAC226	375910	6789368	336	-90	0	1	AC	E70/5551
Garum	BBAC227	375258	6789723	351	-90	0	38	AC	E70/5551
Garum	BBAC228	375320	6789763	349	-90	0	18	AC	E70/5551
Garum	BBAC229	375398	6789806	348	-90	0	20	AC	E70/5551
Garum	BBAC230	375476	6789803	345	-90	0	36	AC	E70/5551
Garum	BBAC231	375552	6789800	346	-90	0	45	AC	E70/5551
Garum	BBAC232	375636	6789802	343	-90	0	34	AC	E70/5551
Garum	BBAC233	375713	6789806	341	-90	0	35	AC	E70/5551
Garum	BBAC234	375765	6789861	341	-90	0	43	AC	E70/5551
Garum	BBAC235	375863	6789763	334	-90	0	29	AC	E70/5551
Garum	BBAC236	375936	6789801	332	-90	0	20	AC	E70/5551
Garum	BBAC237	376017	6789800	328	-90	0	5	AC	E70/5551
Garum	BBAC238	376094	6789803	324	-90	0	19	AC	E70/5551
Garum	BBAC239	376174	6789805	321	-90	0	2	AC	E70/5551
Garum	BBAC240	376252	6789800	319	-90	0	10	AC	E70/5551
Garum	BBAC241	376329	6789799	317	-90	0	15	AC	E70/5551

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Curtido	BBAC242	396164	6791813	298	-90	0	49	AC	E70/5264
Curtido	BBAC243	396116	6791812	298	-90	0	55	AC	E70/5264
Curtido	BBAC244	396065	6791815	299	-90	0	49	AC	E70/5264
Curtido	BBAC245	396002	6791812	299	-90	0	41	AC	E70/5264
Curtido	BBAC246	395918	6791813	299	-90	0	32	AC	E70/5264
Curtido	BBAC247	395845	6791812	299	-90	0	18	AC	E70/5264
Curtido	BBAC248	395762	6791810	299	-90	0	21	AC	E70/5264
Curtido	BBAC249	395680	6791809	299	-90	0	10	AC	E70/5264
Curtido	BBAC250	395601	6791810	301	-90	0	18	AC	E70/5264
Tauco	BBAC251	390950	6792942	333	-90	0	63	AC	E70/5264
Tauco	BBAC252	390950	6793018	334	-90	0	30	AC	E70/5264
Tauco	BBAC253	390952	6793181	334	-90	0	33	AC	E70/5264
Tauco	BBAC254	390987	6793241	334	-90	0	45	AC	E70/5264
Tauco	BBAC255	390958	6793355	332	-90	0	30	AC	E70/5264
Tauco	BBAC256	391011	6793103	335	-90	0	36	AC	E70/5264
Amasi	BBAC257	359572	6824514	284	-90	0	4	AC	E70/5560
Amasi	BBAC258	359511	6824572	284	-90	0	2	AC	E70/5560
Amasi	BBAC259	359477	6824646	285	-90	0	14	AC	E70/5560
Amasi	BBAC260	359460	6824719	286	-90	0	11	AC	E70/5560
Amasi	BBAC261	359416	6824791	286	-90	0	3	AC	E70/5560
Amasi	BBAC262	359375	6824857	288	-90	0	5	AC	E70/5560
Amasi	BBAC263	359310	6824890	292	-90	0	6	AC	E70/5560
Amasi	BBAC264	359234	6824878	292	-90	0	3	AC	E70/5560
Amasi	BBAC265	359163	6824920	294	-90	0	4	AC	E70/5560
Amasi	BBAC266	359139	6824996	295	-90	0	11	AC	E70/5560
Amasi	BBAC267	359196	6824207	280	-90	0	3	AC	E70/5560
Amasi	BBAC268	359276	6824223	279	-90	0	2	AC	E70/5560
Amasi	BBAC269	359119	6824202	280	-90	0	8	AC	E70/5560
Amasi	BBAC270	359046	6824203	283	-90	0	3	AC	E70/5560
Amasi	BBAC271	358963	6824205	287	-90	0	6	AC	E70/5560
Amasi	BBAC272	358887	6824205	290	-90	0	1	AC	E70/5560
Amasi	BBAC273	358801	6824195	291	-90	0	8	AC	E70/5560
Amasi	BBAC274	358724	6824197	290	-90	0	2	AC	E70/5560
Amasi	BBAC275	358642	6824204	286	-90	0	7	AC	E70/5560
Amasi	BBAC276	358568	6824196	283	-90	0	9	AC	E70/5560
Warspite	BBAC277	428497	6760650	344	-90	0	12	AC	E70/5356
Warspite	BBAC278	428450	6760643	343	-90	0	15	AC	E70/5356
Warspite	BBAC279	428400	6760648	341	-90	0	24	AC	E70/5356
Warspite	BBAC280	428298	6760648	337	-90	0	36	AC	E70/5356
Warspite	BBAC281	428195	6760650	335	-90	0	57	AC	E70/5356
Warspite	BBAC282	428096	6760650	335	-90	0	40	AC	E70/5356

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Warspite	BBAC283	427991	6760649	334	-90	0	47	AC	E70/5356
Warspite	BBAC284	427892	6760750	331	-90	0	44	AC	E70/5356
Warspite	BBAC285	427993	6760750	332	-90	0	38	AC	E70/5356
Warspite	BBAC286	428093	6760750	331	-90	0	41	AC	E70/5356
Warspite	BBAC287	428190	6760747	334	-90	0	46	AC	E70/5356
Warspite	BBAC288	428297	6760752	339	-90	0	36	AC	E70/5356
Warspite	BBAC289	428398	6760752	343	-90	0	23	AC	E70/5356
Warspite	BBAC290	428447	6760751	344	-90	0	2	AC	E70/5356
Warspite	BBAC291	428497	6760753	345	-90	0	2	AC	E70/5356
Warspite	BBAC292	428546	6760752	345	-90	0	1	AC	E70/5356
Warspite	BBAC293	428596	6760751	344	-90	0	3	AC	E70/5356
Warspite	BBAC294	428655	6760755	343	-90	0	10	AC	E70/5356
Warspite	BBAC295	428696	6760748	342	-90	0	11	AC	E70/5356
Warspite	BBAC296	428747	6760748	342	-90	0	11	AC	E70/5356
Warspite	BBAC297	429096	6760552	334	-90	0	50	AC	E70/5356
Warspite	BBAC298	429048	6760552	336	-90	0	49	AC	E70/5356
Warspite	BBAC299	428994	6760550	337	-90	0	48	AC	E70/5356
Warspite	BBAC300	428947	6760547	338	-90	0	43	AC	E70/5356
Warspite	BBAC301	428894	6760548	339	-90	0	46	AC	E70/5356
Warspite	BBAC302	428854	6760545	339	-90	0	46	AC	E70/5356
Warspite	BBAC303	428799	6760549	339	-90	0	37	AC	E70/5356
Warspite	BBAC304	428753	6760547	339	-90	0	25	AC	E70/5356
Warspite	BBAC305	428694	6760542	340	-90	0	9	AC	E70/5356
Warspite	BBAC306	428650	6760545	340	-90	0	5	AC	E70/5356
Warspite	BBAC307	428597	6760551	341	-90	0	5	AC	E70/5356
Warspite	BBAC308	428548	6760550	341	-90	0	15	AC	E70/5356
Warspite	BBAC309	428497	6760552	342	-90	0	4	AC	E70/5356
Warspite	BBAC310	428448	6760552	342	-90	0	15	AC	E70/5356
Warspite	BBAC311	428398	6760550	341	-90	0	29	AC	E70/5356
Warspite	BBAC312	428298	6760551	337	-90	0	35	AC	E70/5356
Warspite	BBAC313	428197	6760550	337	-90	0	48	AC	E70/5356
Warspite	BBAC314	428098	6760551	335	-90	0	44	AC	E70/5356
Warspite	BBAC315	427741	6761035	327	-90	0	9	AC	E70/5356
Warspite	BBAC316	427844	6761042	329	-90	0	10	AC	E70/5356
Warspite	BBAC317	427946	6761051	333	-90	0	10	AC	E70/5356
Warspite	BBAC318	428047	6761063	338	-90	0	9	AC	E70/5356
Warspite	BBAC319	428148	6761067	340	-90	0	15	AC	E70/5356
Warspite	BBAC320	428247	6761075	345	-90	0	14	AC	E70/5356
Warspite	BBAC321	428345	6761078	347	-90	0	3	AC	E70/5356
Warspite	BBAC322	428444	6761071	347	-90	0	2	AC	E70/5356
Warspite	BBAC323	428495	6761067	347	-90	0	3	AC	E70/5356

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Warspite	BBAC324	428548	6761071	346	-90	0	2	AC	E70/5356
Warspite	BBAC325	428595	6761071	345	-90	0	6	AC	E70/5356
Warspite	BBAC326	428645	6761071	344	-90	0	5	AC	E70/5356
Warspite	BBAC327	428698	6761070	342	-90	0	5	AC	E70/5356
Warspite	BBAC328	428745	6761071	342	-90	0	2	AC	E70/5356
Warspite	BBAC329	428798	6761073	340	-90	0	16	AC	E70/5356
Warspite	BBAC330	428899	6761076	337	-90	0	10	AC	E70/5356
Warspite	BBAC331	429000	6761073	337	-90	0	12	AC	E70/5356
Warspite	BBAC332	429094	6761073	336	-90	0	23	AC	E70/5356
Warspite	BBAC333	429103	6760451	332	-90	0	53	AC	E70/5356
Warspite	BBAC334	429050	6760449	334	-90	0	44	AC	E70/5356
Warspite	BBAC335	429000	6760448	336	-90	0	49	AC	E70/5356
Warspite	BBAC336	428950	6760449	337	-90	0	58	AC	E70/5356
Warspite	BBAC337	428904	6760449	338	-90	0	53	AC	E70/5356
Warspite	BBAC338	428848	6760445	338	-90	0	41	AC	E70/5356
Warspite	BBAC339	428800	6760452	338	-90	0	35	AC	E70/5356
Warspite	BBAC340	428750	6760452	338	-90	0	24	AC	E70/5356
Warspite	BBAC341	428697	6760446	338	-90	0	10	AC	E70/5356
Curtido	BBAC342	396208	6791814	297	-90	0	49	AC	E70/5264
Curtido	BBAC343	396257	6791816	296	-90	0	52	AC	E70/5264
Curtido	BBAC344	396310	6791815	295	-90	0	45	AC	E70/5264
Curtido	BBAC345	396359	6791822	295	-90	0	49	AC	E70/5264
Curtido	BBAC346	396406	6791815	295	-90	0	49	AC	E70/5264
Curtido	BBAC347	396457	6791815	295	-90	0	51	AC	E70/5264
Curtido	BBAC348	396255	6791911	295	-90	0	53	AC	E70/5264
Curtido	BBAC349	396210	6791911	296	-90	0	70	AC	E70/5264
Curtido	BBAC350	396166	6791913	297	-90	0	60	AC	E70/5264
Curtido	BBAC351	396112	6791913	298	-90	0	68	AC	E70/5264
Curtido	BBAC352	396062	6791912	297	-90	0	68	AC	E70/5264
Curtido	BBAC353	396006	6791914	297	-90	0	55	AC	E70/5264
Curtido	BBAC354	396012	6791710	302	-90	0	48	AC	E70/5264
Curtido	BBAC355	396048	6791714	302	-90	0	44	AC	E70/5264
Curtido	BBAC356	396109	6791714	301	-90	0	35	AC	E70/5264
Curtido	BBAC357	396164	6791710	300	-90	0	40	AC	E70/5264
Curtido	BBAC358	396214	6791712	299	-90	0	42	AC	E70/5264
Curtido	BBAC359	396262	6791715	299	-90	0	33	AC	E70/5264
Curtido	BBAC360	396313	6791711	297	-90	0	31	AC	E70/5264
Curtido	BBAC361	396360	6791711	297	-90	0	34	AC	E70/5264
Tauco	BBAC362	391221	6793102	327	-90	0	53	AC	E70/5264
Tauco	BBAC363	391235	6793184	326	-90	0	46	AC	E70/5264
Tauco	BBAC364	391222	6793261	328	-90	0	55	AC	E70/5264

Target	Hole ID	Collar East (GDA94)	Collar North (GDA94)	Collar RL (m)	Dip (°)	Azimuth (°)	Hole Depth (m)	Hole Type	Licence
Tauco	BBAC365	391222	6793343	326	-90	0	51	AC	E70/5264
Tauco	BBAC366	391218	6793412	324	-90	0	42	AC	E70/5264
Tauco	BBAC367	391203	6793993	312	-90	0	49	AC	E70/5264
Tauco	BBAC368	391204	6794080	310	-90	0	51	AC	E70/5264
Tauco	BBAC369	391201	6794158	308	-90	0	52	AC	E70/5264
Tauco	BBAC370	391202	6794237	308	-90	0	39	AC	E70/5264
Tauco	BBAC371	391200	6794324	307	-90	0	45	AC	E70/5264
Ogi	BBAC372	387189	6792864	349	-90	0	33	AC	E70/5667
Ogi	BBAC373	387195	6793068	343	-90	0	38	AC	E70/5667
Ogi	BBAC374	387192	6793277	340	-90	0	15	AC	E70/5667
Ogi	BBAC375	387117	6793431	339	-90	0	46	AC	E70/5264
Ogi	BBAC376	387076	6793650	339	-90	0	11	AC	E70/5264
Ogi	BBAC377	387011	6793558	342	-90	0	22	AC	E70/5264
Ogi	BBAC378	387010	6793766	340	-90	0	9	AC	E70/5264
Ogi	BBAC379	387011	6793968	337	-90	0	31	AC	E70/5264
Ogi	BBAC380	387108	6794094	336	-90	0	30	AC	E70/5264
Ogi	BBAC381	386985	6794178	339	-90	0	37	AC	E70/5264
Ogi	BBAC382	385599	6792804	361	-90	0	52	AC	E70/5264
Ogi	BBAC383	385600	6793003	360	-90	0	37	AC	E70/5264
Ogi	BBAC384	385600	6793176	358	-90	0	39	AC	E70/5264
Ogi	BBAC385	385599	6793371	356	-90	0	31	AC	E70/5264
Ogi	BBAC386	385601	6793574	353	-90	0	34	AC	E70/5264
Ogi	BBAC387	385603	6793769	347	-90	0	39	AC	E70/5264
Ogi	BBAC388	385605	6793976	342	-90	0	41	AC	E70/5264
Ogi	BBAC389	385598	6794193	345	-90	0	44	AC	E70/5264
Ogi	BBAC390	385050	6793143	366	-90	0	35	AC	E70/5666
Ogi	BBAC391	385348	6793150	363	-90	0	38	AC	E70/5666
Ogi	BBAC392	385295	6793160	363	-90	0	43	AC	E70/5666
Ogi	BBAC393	385251	6793151	365	-90	0	33	AC	E70/5666
Ogi	BBAC394	385153	6793150	366	-90	0	41	AC	E70/5666
Ogi	BBAC395	385102	6793153	365	-90	0	19	AC	E70/5666
Garum	BBAC396	374977	6788966	340	-90	0	42	AC	E70/5551
Garum	BBAC397	375057	6788963	342	-90	0	44	AC	E70/5551
Garum	BBAC398	375134	6788960	344	-90	0	36	AC	E70/5551
Garum	BBAC399	375215	6788959	347	-90	0	15	AC	E70/5551
Garum	BBAC400	375289	6788964	348	-90	0	30	AC	E70/5551
Curtido	BBAC401	395806	6792404	295	-90	0	60	AC	E70/5264
Curtido	BBAC402	395902	6792404	295	-90	0	62	AC	E70/5264
Curtido	BBAC403	395998	6792405	294	-90	0	58	AC	E70/5264
Curtido	BBAC404	396097	6792402	294	-90	0	78	AC	E70/5264
Curtido	BBAC405	396199	6792399	294	-90	0	59	AC	E70/5264

Appendix 1: JORC Table 1 – Barrabarra and Kings Projects

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. 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. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of 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.	- All drilling and sampling was undertaken in an industry standard manner. - Diamond core was either quarter cored (HQ for Gonneville drilling) half cored (NQ or HQ for exploration drilling) with samples taken over selective intervals ranging from 0.2m to 1.2m (typically 1.0m). - Qualitative care taken when sampling diamond drill core to sample the same half of the drill core. - Reverse Circulation (RC) holes were sampled in their entirety using 1m splits from the cone splitter mounted on the drill rig cyclone. Sample weights ranged from 2kg to 3.5kg. - Aircore samples were collected by PVC spear from 1m plastic sample bags and composited over 4m intervals. A 1m sample was collected for the last metre of each hole. Specific intervals from selected holes were sampled on a 1m basis by PVC spear from the 1m sample bags. Sample weights ranged from approximately 1kg to 3kg. - Commercially prepared Certified Reference Material (CRM), field duplicates, and 4mm basalt blanks were inserted at a combined minimum rate of 6%. - Sample preparation is completed at an independent laboratory where samples are dried, split, crushed, and pulverised prior to assay. - Sample sizes are considered appropriate for the material sampled. - Samples are considered representative and appropriate for aircore and RC drilling. - Refer to ASX announcement 3rd September 2024 for soil sampling details.
Drilling techniques	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).	- Diamond drill core size used was a combination of NQ (47.6mm) and HQ (63.5mm diameter). Triple tube has been used from surface until competent bedrock and then standard tube thereafter. - Core orientation is by an ACT Reflex (ACT II RD) tool - Aircore holes were drilled with an 85mm blade bit.

		• RC holes were drilled with a 5 ½-inch bit and face sampling hammer.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. 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.	• Diamond drilling utilises triple tube coring in the oxide zone to improve sample recovery. This results in better recoveries, but recovery is still only moderate to good. • Diamond core samples were consistently taken from the same side of the core • Aircore and RC samples were visually assessed for recovery. • Samples are considered representative with generally good recovery. Water was encountered in deeper aircore holes resulting in reduced recovery and potential contamination in places. These were typically documented by the rig geologist. • No sampling bias was observed.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged.	• All aircore and RC holes were geologically logged in their entirety by company geologists. • RC sample results are of a standard appropriate for use in resource estimation. • Aircore drill results provide an indication of mineralisation but are not appropriate for resource estimation at this early stage. • Diamond drill core is photographed wet before cutting.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled.	• Diamond core was either quarter cored or half cored (NQ or HQ) for exploration drilling) with samples taken over selective intervals ranging from 0.2m to 1.2m (typically 1.0m). • Diamond drill core field duplicates collected as ¼ core. • RC sampling was carried out using a cone splitter on the rig cyclone, producing 1m splits of each drill metre which were submitted for analysis. • Aircore samples were collected by PVC spear from 1m plastic sample bags and composited over 4m intervals. A 1m sample was collected for the last metre of each hole. Specific intervals from selected holes were sampled on a 1m basis by PVC spear from the 1m sample bags. • Each sample was dried, split, crushed and pulverised to 85% passing 75µm. • Sample sizes are considered appropriate for the material sampled. • Aircore samples are generally of good quality and appropriate for delineation of geochemical trends.

Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie. lack of bias) and precision have been established.	• Drill samples were submitted to ALS for analysis (an independent commercial laboratory in Perth, Australia). • Diamond drill core underwent sample preparation and geochemical analysis by ALS Perth. Au-Pt-Pd was analysed by 50g fire assay fusion with an ICP-AES finish (ALS Method code PGM-ICP24). A 34-element suite was analysed by ICP-MS following a four-acid digest (ALS method code ME-ICP61 including Ag, Al, As, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, Ga, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Sc, Sr, Th, Ti, Tl, U, V, W, Zn, Zr. Additional ore-grade analysis was performed as required for elements reporting out of range for Ni, Cr, Cu (ALS method code ME-OG-62) and Pd, Pt (ALS method code PGM-ICP27). • These techniques are considered total digests. • RC and Aircore samples were analysed for Au, Pt, and Pd by 50g charge fire assay digest with ICP-MS finish (PGM-ICP24) as well as a 48-element analysis by aqua regia digest with a combination of ICP-AES & ICP-MS finish (ME-MS61). • All aircore holes end with a 1m bottom of hole sample with the same analysis techniques consistent with the rest of the hole. • The analysis techniques are considered quantitative. • A standard QAQC protocol including the use of CRMs, blanks, and field duplicates has confirmed the reliability of the assay methods. • Refer to ASX announcement 3rd September 2024 for soil sampling details.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data.	• Sample results were entered into a drill hole database by the company's database consultants. • Significant drill intersections are checked by the Senior Geologist and then by the Exploration Manager. Significant intersections are cross-checked with the logged geology and drill core after final assays are received. • All results from the database have been checked and verified. • No adjustments were made to the assay data. • Results are reported on a length weighted basis.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole	• All drill collar locations are recorded by Chalice employees using a

	surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control.	handheld GPS with an accuracy of +/- 3m. • The grid system used for the location of all location data is GDA94 - MGA (Zone 50). • Drill collar RLs were assigned from 1 sec (30m) satellite data. • Down hole orientation surveys were completed for all RC holes using a north seeking gyro tool with measurements at 30m intervals. • Downhole survey data for diamond holes is collected using a gyro tool (Axis Champ Gyro and Reflex Gyro Sprint) and recorded in Microsoft Excel format. Downhole survey tools are calibrated on a weekly basis using a surveyed test bed.
Data spacing and distribution	Data spacing for reporting of Exploration Results. 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. Whether sample compositing has been applied.	• Diamond and RC drilling targeted EM conductors and did not use a set collar spacing. • Aircore drilling was carried out over 50-100m collar spacing with initial line spacings of 250-400m which were infilled to 100m where anomalous results were intercepted. Reconnaissance drill lines used 200m collar spacing and no set line spacing. • Aircore samples were collected by PVC spear from 1m plastic sample bags and composited over 4m intervals. A 1m sample was collected for the last metre of each hole. Specific intervals from selected holes were sampled on a 1m basis by PVC spear from the 1m sample bags. • Refer to ASX announcement 3rd September 2024 for soil sampling details.
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. 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.	• The orientation of diamond and RC holes were planned to intersect the modelled plate conductors orthogonal to their strike using dips from -60° to -70° which provide appropriate intersection orientation relative to the target EM plates. • Where RC drilling is not orthogonal to the dip of plate conductors, true widths will be less than down hole widths. • Aircore fences were designed orthogonally to the strike of aeromagnetic anomalies and/or geochemical trends. A vertical orientation was used for most of the drilling, where orientation of the rock strata was unknown. A minor selection of angled holes were completed in the initial phases of the drilling campaign.

Sample security	The measures taken to ensure sample security.	- Diamond samples were collected in polyweave bags at the core cutting facility at Gonneville. The polyweave bags have five samples each and are cable tied. - Diamond, RC and Aircore samples were collected by company personnel and delivered direct to the laboratory via a transport contractor.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	SRK completed an independent assurance review of the Chalice sampling procedures and documentation in 2021, which continue to apply in 2025.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	- Exploration activities are ongoing over E70/5356, 5264, 5667, 5666, 5551, 5560 & E70/5350 and all tenements are in good standing. The holder CGM (West Yilgarn) Pty Ltd is a wholly owned subsidiary of Chalice Mining Limited with no known encumbrances. - Current exploration is on privately held freehold land. - Access for ground disturbing exploration activities is approved by the relevant landholders.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	- E70/5350 and E70/5151 (Hardtack) was previously explored by CRA Exploration in the 1990's who completed wide spaced soil auger sampling which defined a 20km north-south Au-As anomaly. CRA drilled RAB holes near the peak Au auger results proximal to historical Au workings. CRA later relinquished the ground due to poor results, without following up the anomalism over the magnetic features at Hardtack. No other notable work was undertaken on the trend until Chalice's initial work program was completed in early 2022. - Refer to ASX announcement 3rd September 2024 for details pertaining to historical exploration over E70/5666, E70/5667, E70/5551, and E70/5264 (Recherche West); and E70/5355 and E70/5356 (Warspite).
Geology	Deposit type, geological setting and style of mineralisation.	- The target deposit type at Recherche West and Warspite is Yilgarn-style shear-hosted orogenic and intrusion-related gold mineralisation. - The target deposit type at Bolgart is Gonneville-type mafic-ultramafic

		intrusion-hosted magmatic Ni-Cu-Au-PGE mineralisation.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	Drill hole location and directional information for all material intercepts are provided in this release.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg. cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated.	- Initial Aircore samples were collected as 4m composites down hole with a 1m end of hole sample acquired. - All Aircore and RC sample intercepts are reported to a minimum cutoff grade of 0.1 g/t Au and 0.2% Cu, with a maximum internal waste of 2m. - Intercepts are length weighted averaged. - No significant results from diamond drilling are reported.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg. 'down hole length, true width not known').	- Drill holes are interpreted to be approximately perpendicular to the strike of mineralisation. - Where drilling is not perpendicular to the dip of mineralisation the true widths are less than downhole widths.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Refer to figures in the main report text.

Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• All drill collar locations are shown in figures and tabulated in the report. • All significant results are tabulated in the report. • The report is considered balanced with all relevant context provided.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• 50m Airborne Magnetic and 400m AGG (gravity) data have been flown across the broader Barrabarra project. This has significantly enhanced the resolution and structure of the E-W trending greenstone trend at Recherche West. Reconnaissance mapping and rock chip sampling has been undertaken across the trend. Mapping has identified mafic lithologies, with occasional sediments in float and large areas of lateritic duricrust cover, flanked granitic intrusives. • 25m line spaced UAV Magnetic survey data was collected over the Warspite gold anomaly. • Detail of soil and auger geochemical sampling has been previously reported. • All relevant and material data and results are reported.
Further work	The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	• Extensional soil sampling (400m x 100-50m) over the eastern and southern extensions of the Recherche West gold anomaly. • Regional soil sampling over newly identified prospective structures across the broader Barrabarra project area. • Detailed outcrop mapping to further constrain litho-structural trends over the Warspite anomaly. • Additional Aircore drilling subject to the results of further surface sampling. • Any potential extensions to mineralisation are shown in the figures in the body of the text. • Refer to the body of this and previous ASX releases.