10 April 2025

ASX RELEASE

Highly Prospective Targets Substantially Grows Lake Rebecca Gold Project

Highlights

- *The acquisition of 7 tenements totalling 509km^2, grows Lake Rebecca Gold Project to 1,100km^2.*
- *Expanded project has highlighted multiple highly prospective gold targets*
- *New tenements are*
    - *Along strike of recent gold intercepts at Mulgabbie North and Lighthorse announced by OzAurum Resources Limited (ASX:OZM) and Kalgoorlie Gold Mining Limited (ASX:KAL)*
    - *Adjacent to Ramelius Resources Limited's (ASX:RMS, Ramelius) Rebecca and Roe gold projects and are within haulage distance to Northern Star's Carosue Dam*
- *Primary exploration target is large, low to moderate grade gold deposits, similar to Ramelius' 1.4 Moz Au Rebecca gold project and 1.8 Moz Au Roe gold project.*
- *Multiple drill ready gold prospects provide immediate exploration targets. Previous drill results include:*

Goat Dam	**4m at 3.86 g/t Au** from 131m **3m at 4.24 g/t Au** from 89m **1m at 5.92 g/t Au** from 155m **18m at 0.68 g/t Au** from 164m
Grahams Find	**2m at 14.14 g/t Au** from 33m **8m at 1.85 g/t Au** from 28m **5m at 1.35 g/t Au** from 83m **4m at 1.60 g/t Au** from 35m
Mulgabbie	**7m at 3.51 g/t Au** from 45m **2m at 4.90 g/t Au** from 51m **4m at 2.12 g/t Au** from 42m **10m at 1.79 g/t Au** from 37m
Old Homestead	**2m at 8.19 g/t Au** from 60m **4m at 1.41 g/t Au** from 67m

Bulletin Resources Limited ("Bulletin", "BNR") is pleased to provide an update for shareholders following a review of the newly acquired tenements totalling 509km^2 at the Lake Rebecca Gold Project. The acquisition consolidates 1,100km^2 of gold prospective exploration tenements, located in the southern Laverton tectonic Zone (LTZ).

The regions' high prospectivity for economic gold potential is emphasised by Northern Star Resources Ltd's (ASX:NST) 4M oz Au Carosue Dam operations as well as the major gold development projects of Ramelius Resources Limited (ASX:RMS, Ramelius) 1.4 Moz Au Rebecca gold project and 1.8 Moz Au Roe gold project. The newly acquired tenements are immediately southeast and along strike of OzAurum Resources Limited's (ASX:OZM) recent high grade drill results, including 20m at 3.57g/t Au and 9m at 5.79 g/t Au at Mulgabbie North *(refer OZM ASX announcements dated 3 February & 1 April 2025)*. To the east, additional support for potential gold hosting structures is provided by the 76.4Koz Au Kirgella Gift deposit and intercepts including 17 m at 4.81 g/t Au from recent drilling at Lighthorse prospect by Kalgoorlie Gold Mining Limited (ASX:KAL) (Figure 1 and Figure 7) *(refer KAL ASX announcement dated 17 February 2025).*

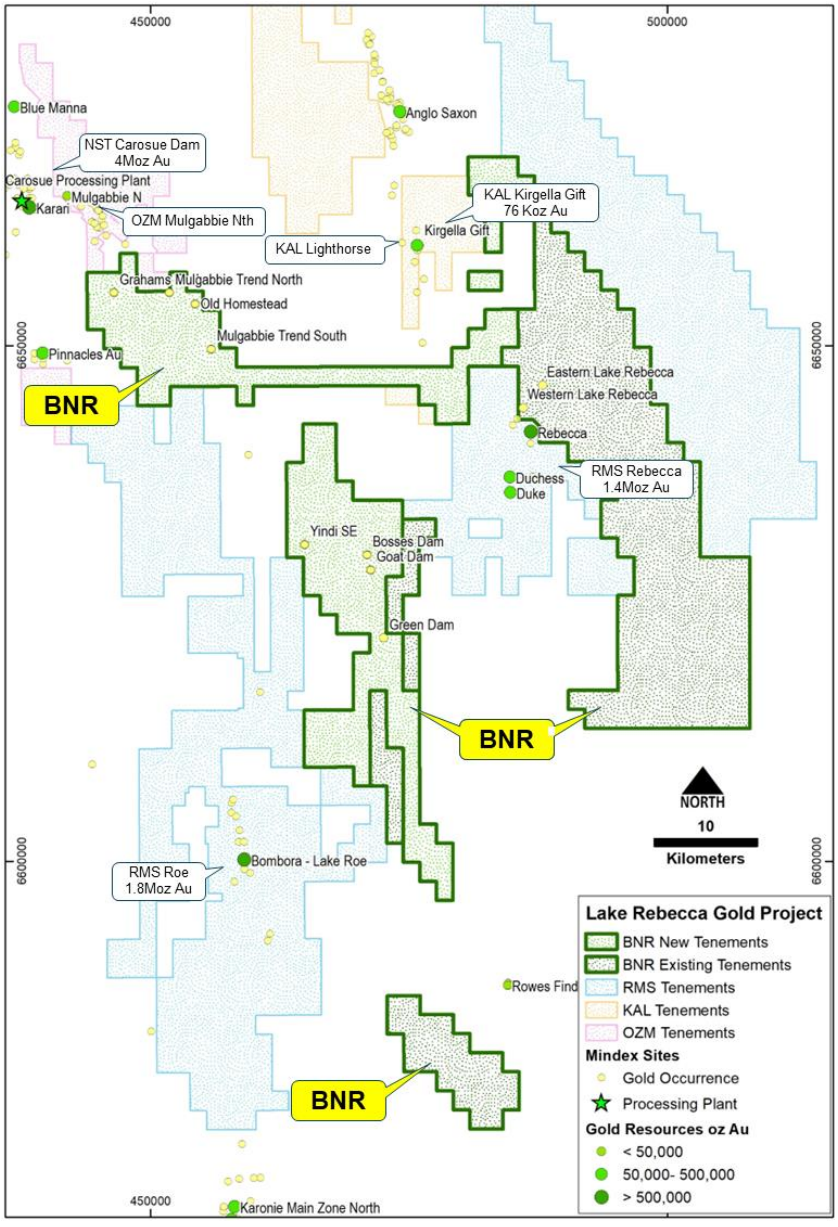

***Figure 1:* Bulletin's Lake Rebecca Gold Project and surrounding tenements**

Lake Rebecca Gold Project New Tenements - Exploration Summary

Totaling 509km^2 in area, the newly acquired tenements comprise seven granted exploration tenements in the southern portion of the Laverton Tectonic Zone (LTZ). The tenements are adjacent to Bulletin's existing 600km^2 Lake Rebecca Gold Project, providing a dominant land position of 1,100km^2 in this highly prospective region of the LTZ.

The primary exploration target is large, low to moderate grade gold deposits, similar to the deposits within Ramelius' 1.4 Moz Au Rebecca gold project and 1.8 Moz Au Roe gold project.

The new tenements host many identified gold targets to follow up with previous drill results including:

Goat Dam	**4m at 3.86 g/t Au** from 131m	2020PJRC0113[t]
	3m at 4.24 g/t Au from 89m	2020PJAC3455[t]
	1m at 5.92 g/t Au from 155m	GDD002[a]
	18m at 0.68 g/t Au from 164m	GDRC0011[t]
Grahams Find	**2m at 14.14 g/t Au** from 33m	2019PJAC2783[o]
	8m at 1.85 g/t Au from 24m	2018PJAC2073[k]
	5m at 1.35 g/t Au from 83m	2016PJRC0002[e]
	4m at 1.60 g/t Au from 35m	2017PJRC0034[h]
Mulgabbie	**7m at 3.51 g/t Au** from 45m	2016PJAC341[c]
	2m at 4.90 g/t Au from 51m	2016PJAC331[c]
	4m at 2.12 g/t Au from 42m	2018PJRC0071[l]
	10m at 1.79 g/t Au from 37m	2016PJAC020[b]
Old Homestead	**2m at 8.19 g/t Au** from 60m	2017PJAC0556[e]
	4m at 1.41 g/t Au from 67m	2016PJRC0021[e]

Note

Suffix post hole ID: refer to Appendix 1 for reference to prior ASX release details

Figure 2 summarises previous drilling results with further details provided as an appendix.

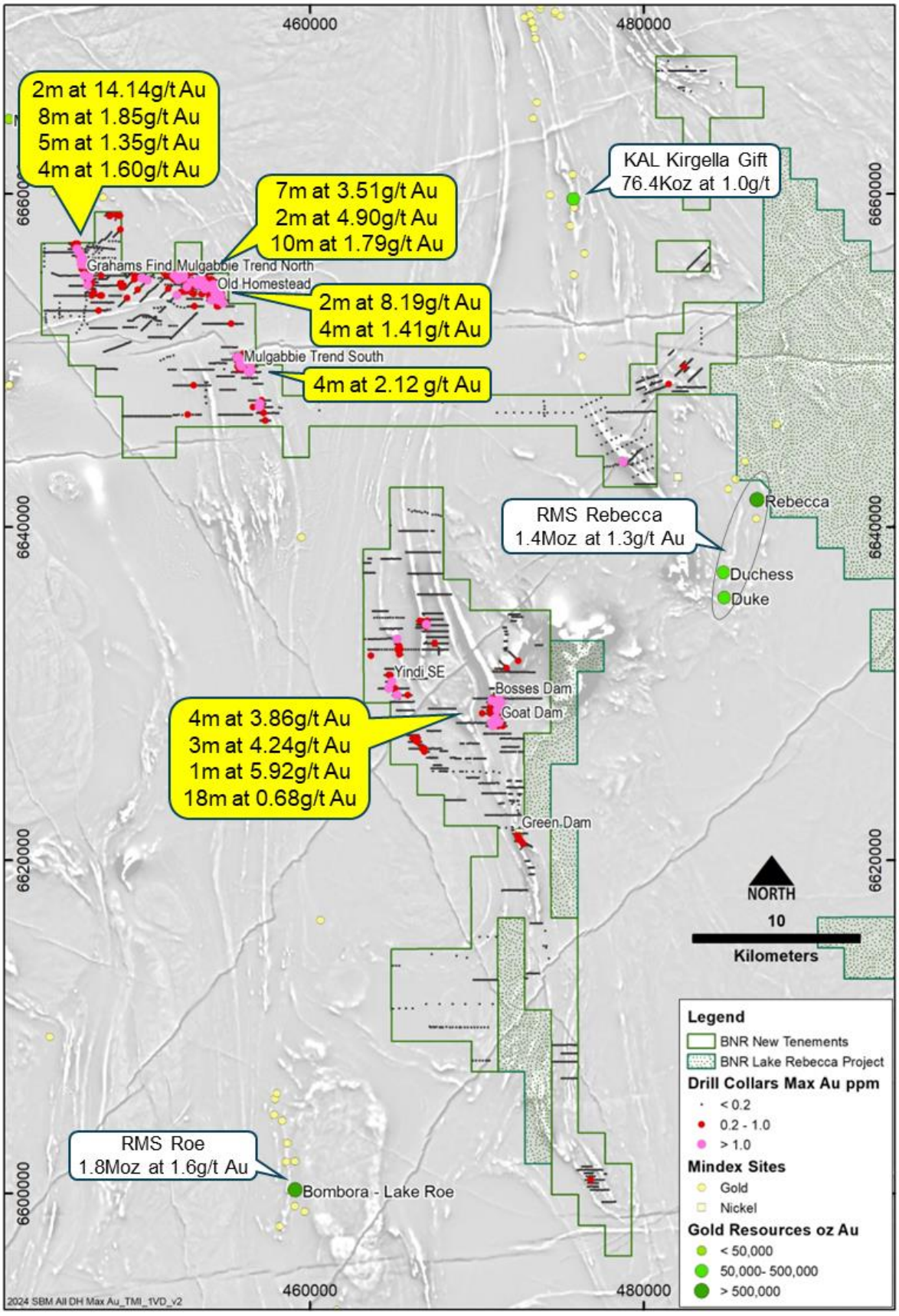

*Figure 2: **Map of maximum downhole gold ppm value in drilling with selected intervals highlighted over 1VD TMI image***

Goat Dam Prospect

The Goat Dam gold prospect is the most advanced target in the tenement package with gold mineralisation defined over a 2,000m x 700m area. It is hosted in basalt, shales and BIF. Mineralisation appears limited in the saprolite which is of variable thickness (40 – 80m) while at depth, discrete higher grade zones occur within a broader lower grade halo.

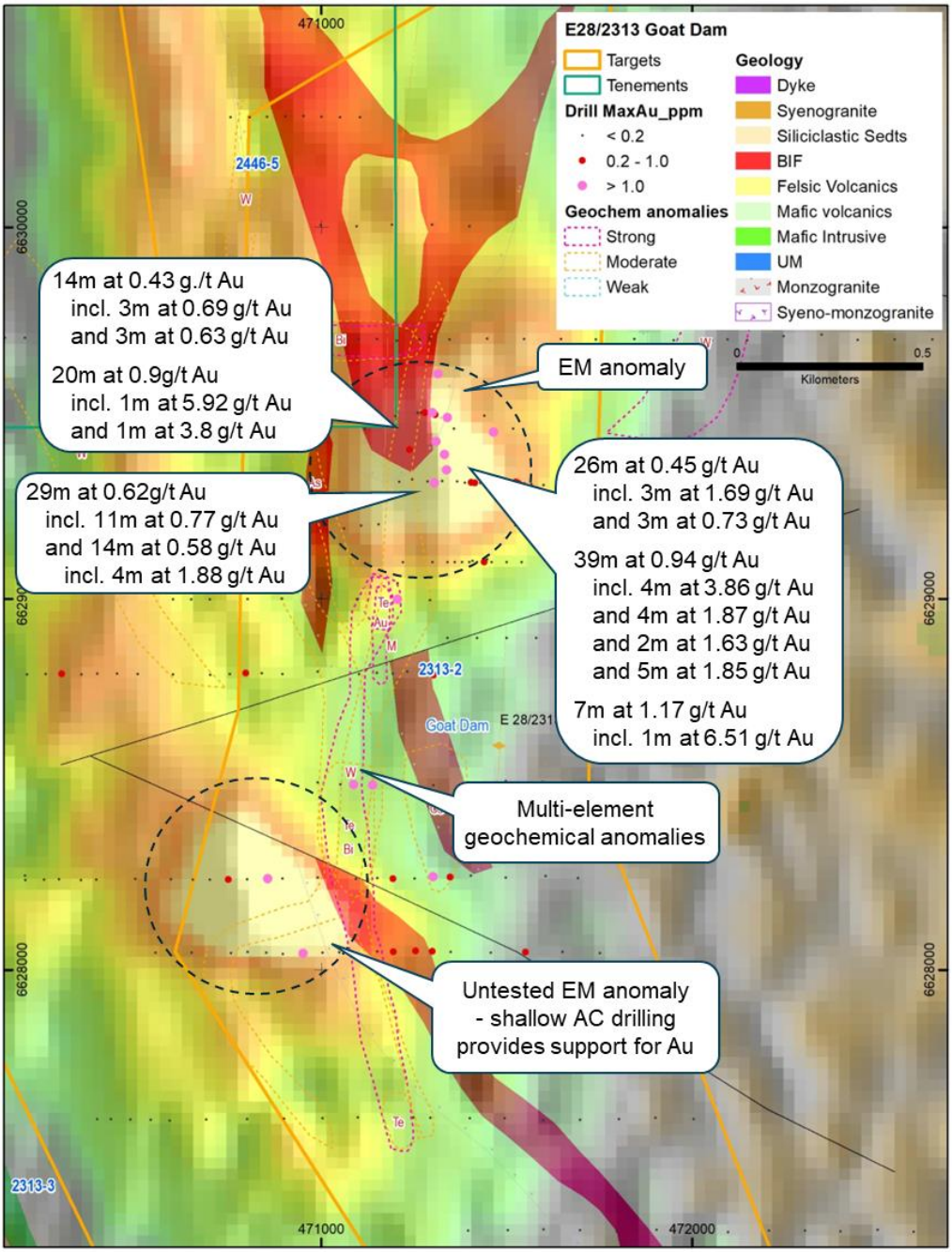

***Figure 3:* Goat Dam Prospect over EM ch30-8900ms image**

Better results to date include:

2020PJRC0113: 39m at 0.94 g/t Au from 131m, including

- 4m at 3.86 g/t Au from 131m
- 4m at 1.87 g/t Au from 145m
- 2m at 1.63 g/t Au from 152m

- 5m at 1.85 g/t Au from 165m

GDD002: 20m at 0.9 g/t Au from 152m, including
- 1m at 5.92 g/t Au from 155m
- 1m at 3.8 g/t Au from 159m

GDD001: 29m at 0.62 g/t Au from 105m, including
- 4m at 1.88 g/t Au 119m

GDRC0011: 18m at 0.68 g/t Au from 164m

Additionally, numerous AC anomalous intercepts to the south and southwest of Goat Dam remain to be followed up and include:

2020PJAC3455: 3m at 4.24 g/t Au from 89m
2019JPAC2980: 2m at 0.9 g/t Au from 46m
2019JPAC2981: 2m at 0.85 g/t Au from 55m
2019JPAC2996: 2m at 1.43 g/t Au from 70m

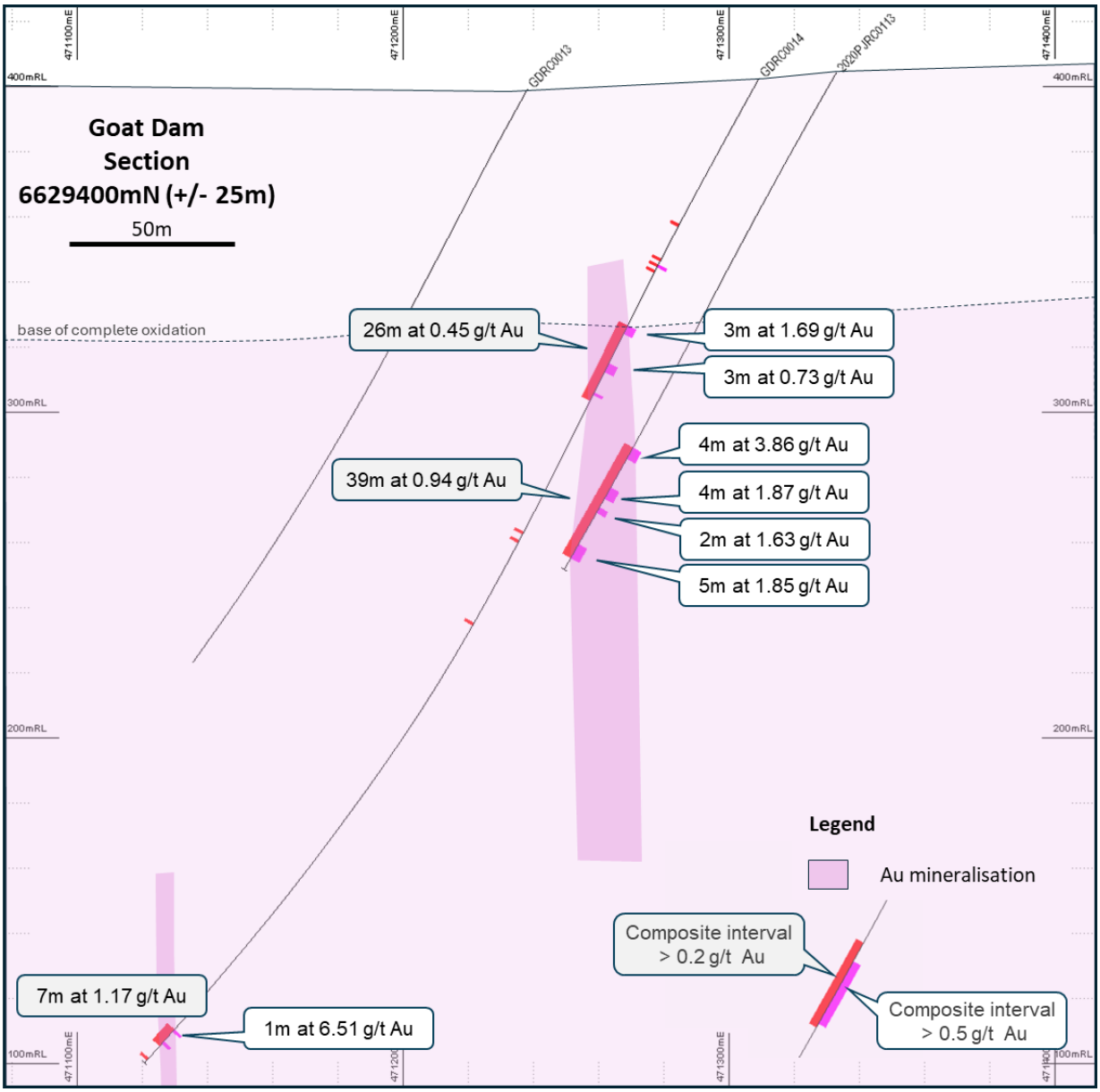

Figure 4: Goat Dam Prospect section 6629400mN

Graham's Find

Grahams Find and Grahams Find South Prospects follow a 3.5km shear zone straddling a splay of the KKSZ with only the northern most section of the target tested with deeper RC or Diamond drilling (Figure 5). Gold intersects are hosted in volcaniclastic sediments and intermediate intrusions. The mineralised corridor is well defined in the north and supported by aircore EOH geochemistry of co-incident As, Mo, Sb and W.

Better results include:

2019PJAC2783:	2m at 14.14 g/t Au from 33m
2018JPAC2073:	12m at 1.34 g/t Au from 24m, including
	- 8m at 1.85 g/t Au from 28m
2016PJRC0002:	12m at 0.85 g/t Au from 83m, including
	- 5m at 1.35 g/t Au from 83m and
	- 2m at 1.29 g/t Au from 92m
2017PJRC0034:	18m at 0.57 g/t Au from 35m, including
	- 4m at 1.60 g/t Au from 35m
2017PJRC0026:	3m at 1.64 g/t Au from 61m

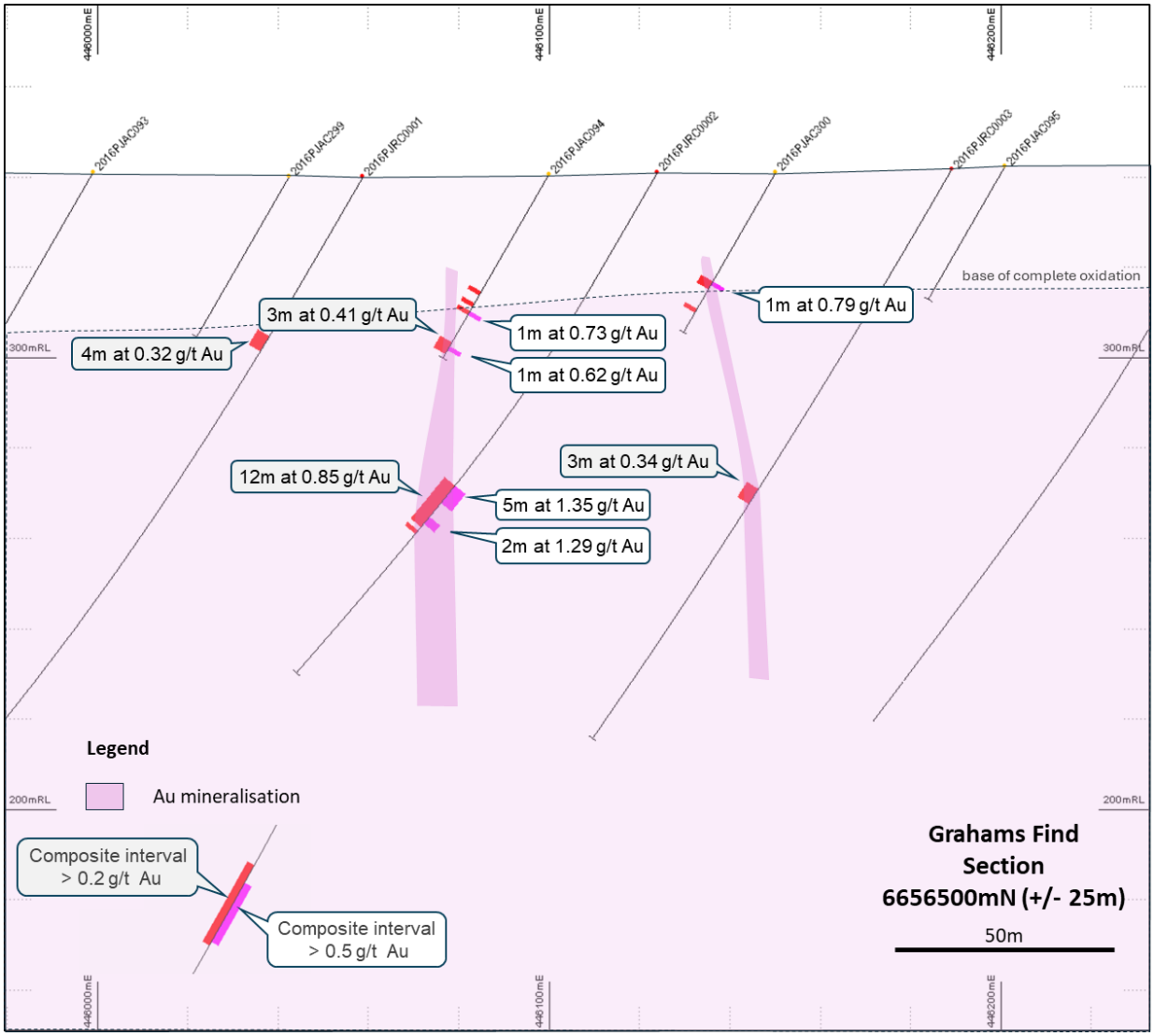

Figure 5: Grahams Find Prospect section 6656500mN

Mulgabbie, Mulgabbie South and Old Homestead Mineralisation Trend

The Mulgabbie and Old Homestead targets lie north of Lake Rebecca and comprises intermediate and felsic volcaniclastic sediments, ultramafics, basalts, dolerites and shales beneath 15 to 50m of cover. Potential for mineralisation is supported by gold, arsenic, molybdenum, tungsten and antimony anomalism in EOH AC chips.

Mulgabbie South is south of Lake Rebecca and extends over 1km strike with lithologies of basalt, volcaniclastics, siliclastic sediments and conglomerate to the south of a Proterozoic dyke. Strong EOH arsenic, molybdenum and lesser antimony anomalism is noted in EOH chips.

An Induced Polarisation (DDIP) survey completed in 2023 defined a 70mv/v chargeability anomaly at Mulgabbie South (line 6649410N) that has yet to be drilled.

Better results to date include:

2016PJAC341:	7m at 3.51 g/t Au from 45m
2016PJAC331:	10m at 1.21 g/t Au from 45m including
	- 2m at 4.9 g/t Au from 51m
2018PJRC0071:	7m at 1.32 g/t Au from 42m, including
	- 4m at 2.12 g/t Au from 42m
2016PJAC020:	10m at 1.79 g/t Au from 37m
2016PJRC0005:	8m at 0.61 g/t Au from 47m
2016PJRC0008:	4m at 0.97 g/t Au from 54 m
2017PJAC0556:	11m at 1.81 g/t Au from 56m including
	- 2m at 8.19 g/t Au from 60m
2016PJRC0021:	4m at 1.41 g/t Au from 67m

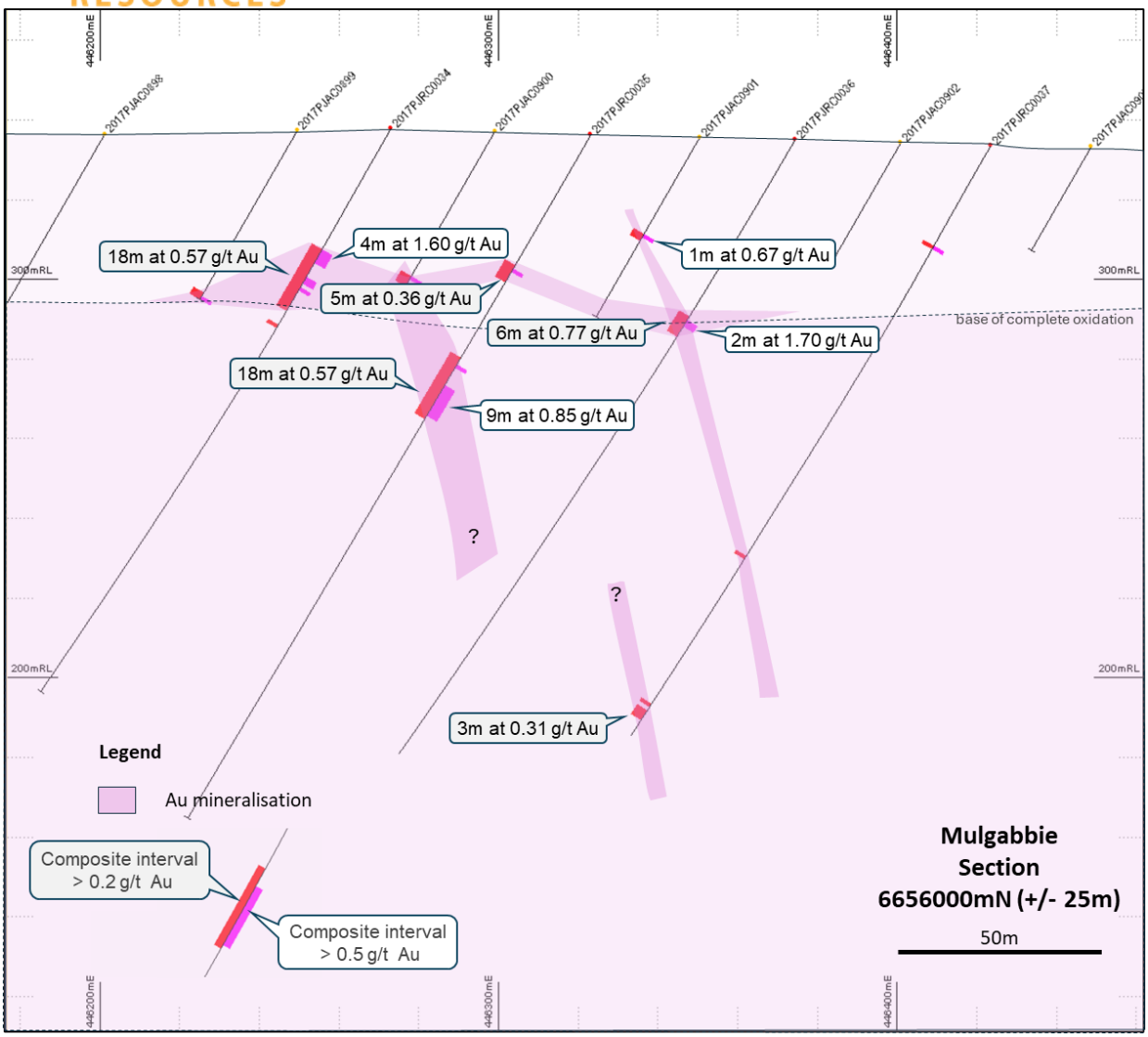

Figure 6: ***Mulgabbie Prospect 6656000mN***

Geology

Bulletin's new tenement package is located on the eastern margin of the Norsemen-Wiluna Greenstone Belt in the southern portion of the Laverton Tectonic Zone (LTZ). The area hosts large, low to medium grade deposits such as the Rebecca and Roe deposits and are often masked by extensive areas of thick transported cover and an eroded gold depleted weathering profile.

The greenstone belt consists of mafic to ultramafic volcanic rocks, felsic to intermediate volcanic rocks and siliciclastic sedimentary units. Metamorphic grades generally increase from greenschist facies in the west to amphibolite facies in the east. In the eastern part of the project area along the edge of the greenstone belt, the rocks are strongly deformed and predominantly comprise interleaved granite and mafic gneiss.

Basement geology is generally poorly understood due to the presence of extensive transported cover that obscures much of the area which includes lacustrine, alluvial, sheetwash and colluvial deposits of variable thicknesses.

The newly acquired tenement package has three established north-northwest oriented gold mineralised trends.

The western trend is associated with extensive drill defined gold-arsenic anomalies that straddle branches of the KKSZ system and includes the Graham's Find, Graham's Find South, Graham's Find East, Mulgabbie South and Old Homestead targets. The targets are southeast and along strike of NST's Carosue Dam operations and OZM's recent high grade drill results including 20m at 3.57g/t Au and 9m at 5.79 g/t Au at Mulgabbie North (Figure 7) *(refer OZM ASX announcements dated 3 February & 1 April 2025).*

The central trend is associated with drill defined gold anomalism that straddles the Laverton/Pinjin and Celia Fault systems and includes the Goats Dam, Bosses Dam and Yindi SE targets.

The eastern trend extends into the Rebecca gold system and comprises the structural corridor hosting gold mineralisation such as the 76.4Koz Au Kirgella Gift deposit and nearby recent drilling KAL at Lighthorse with results including 17 m at 4.81 g/t Au (Figure 7) *(refer KAL ASX announcement dated 17 February 2025)*.

Exploration to date has largely progressed from surface geochemical anomalies with a lesser focus of structural targets or lithological contacts beneath cover. This presents an opportunity to test multiple new areas which may have been hidden using traditional exploration methods. A program of geophysical target generation is planned to complement the identified prospective gold areas generated from previous work.

In addition to the gold targets, historic drilling of an ultramafic complex within the tenement area found nickel, copper and platinum group element sulphide mineralisation in the Green Dam area (Figure 7).

This ASX report is authorised for release by the Board of Bulletin Resources Limited.

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Competent Persons Statement

The Exploration information in this report is based on information compiled by Mark Csar, who is a Fellow of The AusIMM. The Mineral Resource and exploration information in this report is an accurate representation of the available data and studies. Mark Csar is a full-time employee of Bulletin Resources Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mark Csar consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

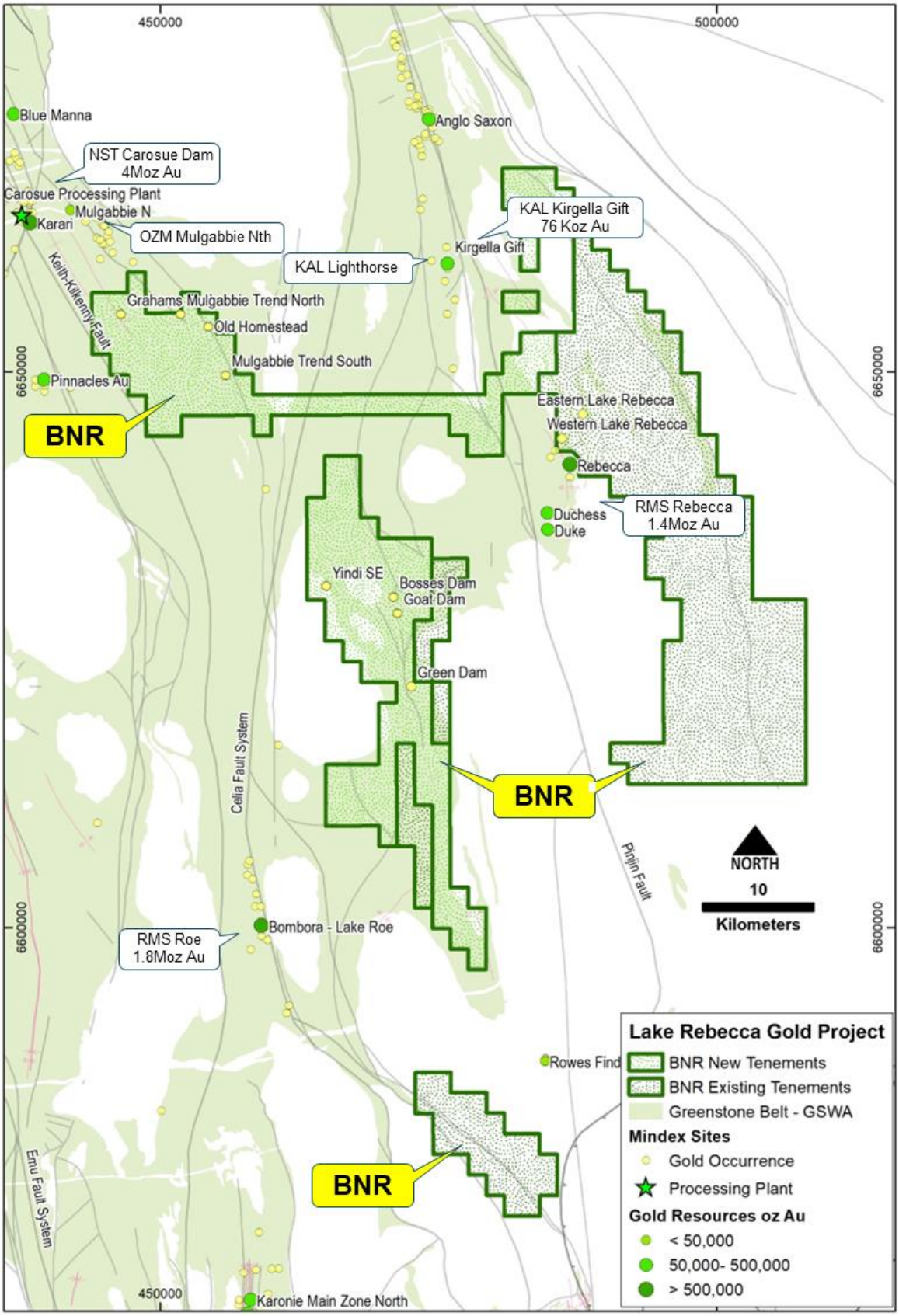

Figure 7: ***Bulletin's newly acquired tenement package and simplified geology***

Appendix 1

List of previous ASX announcements referring to drilling results

a. Magma Metals (MMW): ASX announcement dated 27 April 2012
b. St Barbara Limited (SBM): ASX announcement dated 19 July 2016
c. St Barbara Limited (SBM): ASX announcement dated 19 October 2016
d. St Barbara Limited (SBM): ASX announcement dated 18 January 2017
e. St Barbara Limited (SBM): ASX announcement dated 20 April 2017
f. St Barbara Limited (SBM): ASX announcement dated 26 July 2017
g. St Barbara Limited (SBM): ASX announcement dated 17 October 2017
h. St Barbara Limited (SBM): ASX announcement dated 23 January 2018
i. St Barbara Limited (SBM): ASX announcement dated 19 April 2018
j. St Barbara Limited (SBM): ASX announcement dated 26 July 2018
k. St Barbara Limited (SBM): ASX announcement dated 17 October 2018
l. St Barbara Limited (SBM): ASX announcement dated 23 January 2019
m. St Barbara Limited (SBM): ASX announcement dated 18 April 2019
n. St Barbara Limited (SBM): ASX announcement dated 24 July 2019
o. St Barbara Limited (SBM): ASX announcement dated 21 October 2019
p. St Barbara Limited (SBM): ASX announcement dated 22 January 2020
q. St Barbara Limited (SBM): ASX announcement dated 28 April 2020
r. St Barbara Limited (SBM): ASX announcement dated 29 July 2020
s. St Barbara Limited (SBM): ASX announcement dated 21 October 2020
t. Not all drill holes have been previously reported. Table A and Figures 2 and 8 summarise all drilling. All holes containing intercepts 0.2g/t Au or above are reported in Table B.

Table A: Summary table of drilling

	RAB		AC		RC		DDH		Total	
TenID	No of Holes	Metres	No of Holes	Metres	No of Holes	Metres	No of Holes	Metres	No of Holes	Metres
E 28/2234	40	559	150	4,430	6	1,092			196	6,081
E 28/2264	4	124	69	2,829	5	896			78	3,849
E 28/2313	445	19,526	244	13,945	59	10,234	17	3,859	765	47,564
E 28/2327	2	68	92	1,511					94	1,579
E 28/2446	570	25,375	360	24,090	30	6,519			960	55,984
E 28/2447	114	4,194	1,588	84,211	67	11,706			1,769	100,111
E 28/2494	110	3,048	93	4,195	12	1,407			215	8,650
Total	1,285	52,894	2,596	135,211	179	31,854	17	3,859	4,077	223,818

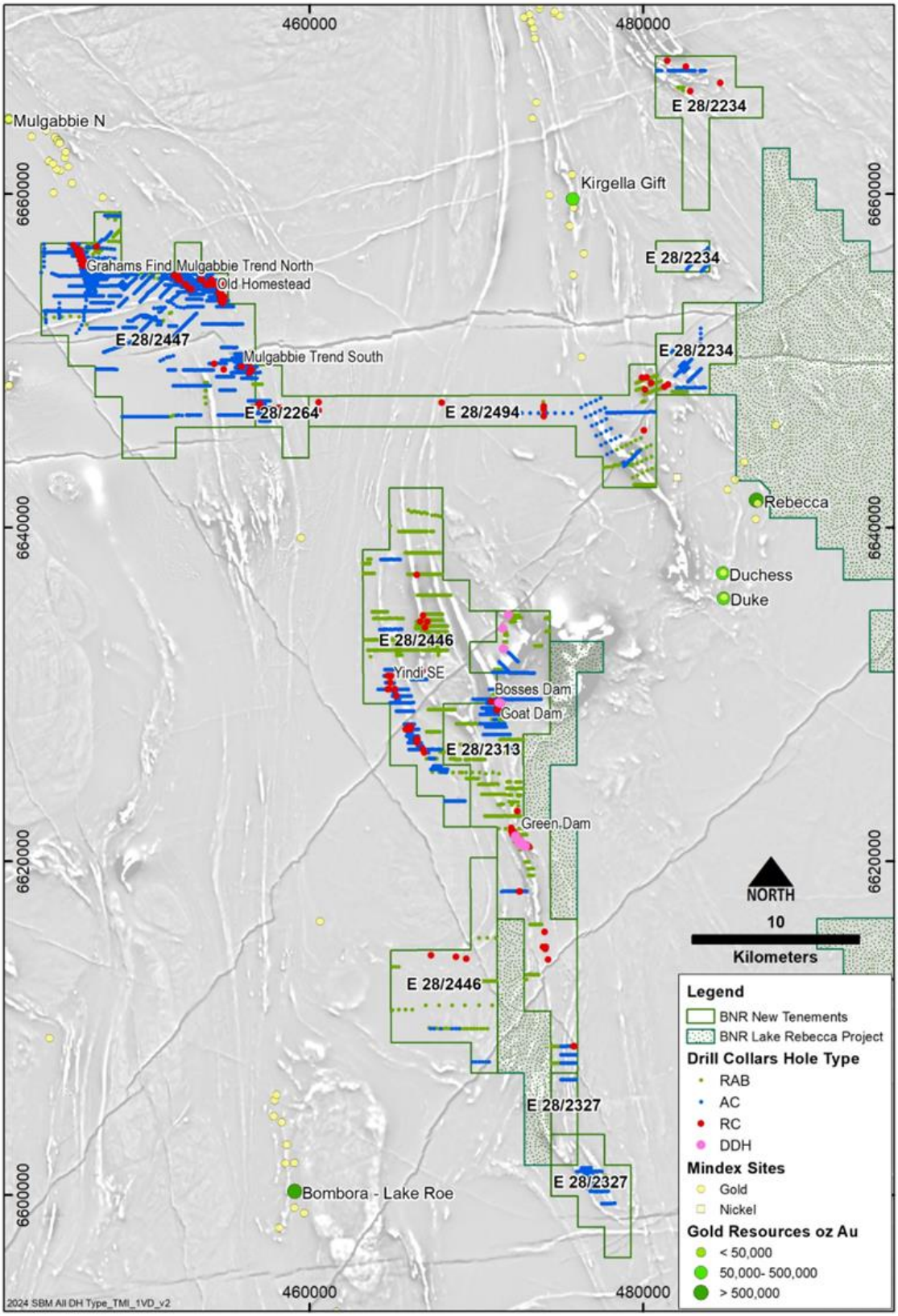

Figure 8: ***Map of drill holes by drilling method over 1VD TMI image***

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Table B: Summary table of Drilling gold assay results with intercepts > 0.2g/t Au

HoleID	Hole Type	Max Depth	East	North	RL	Azi	Dip	M From	M To	Thick	Au ppm
2016PJAC008	AC	61	448383	6658703	294	270	-60	54	56	2	0.73
2016PJAC009	AC	59	448480	6658700	305	270	-60	40	42	2	0.61
								45	46	1	0.20
2016PJAC010	AC	59	448576	6658701	301	270	-60	49	50	1	0.39
2016PJAC013	AC	74	451878	6655100	293	270	-60	52	56	4	0.29
								58	59	1	0.34
2016PJAC014	AC	53	452005	6655096	300	360	-90	40	41	1	0.32
2016PJAC016	AC	62	452184	6655094	310	270	-60	35	36	1	0.21
2016PJAC018	AC	66	452384	6655099	301	270	-60	44	45	1	1.14
2016PJAC020	AC	67	451953	6655100	303	270	-60	37	47	10	1.79
							including	38	47	9	1.97
2016PJAC021	AC	62	452032	6655097	305	270	-60	40	41	1	0.26
2016PJAC028	AC	53	452603	6654699	289	360	-90	50	51	1	0.21
2016PJAC029	AC	65	452704	6654697	286	360	-90	53	54	1	0.27
2016PJAC030	AC	65	452802	6654696	286	360	-90	54	56	2	0.31
2016PJAC031	AC	71	452903	6654697	288	360	-90	52	53	1	0.47
2016PJAC033	AC	59	453106	6654703	292	360	-90	49	52	3	0.62
							including	50	51	1	1.23
2016PJAC040	AC	55	452801	6654300	301	360	-90	38	40	2	0.43
							including	39	40	1	0.59
								47	53	6	0.65
2016PJAC049	AC	56	453700	6654299	289	360	-90	50	51	1	1.33
2016PJAC051	AC	49	452852	6654300	301	360	-90	37	38	1	0.20
2016PJAC057	AC	62	454005	6653605	303	360	-90	34	36	2	0.32
2016PJAC058	AC	59	454106	6653603	290	360	-90	47	49	2	0.92
2016PJAC059	AC	54	454205	6653603	293	360	-90	45	46	1	0.91
2016PJAC061	AC	68	454408	6653600	285	360	-90	53	55	2	0.63
							including	53	54	1	0.79
2016PJAC062	AC	77	454505	6653600	295	360	-90	41	42	1	1.21
2016PJAC065	AC	51	454777	6653602	307	270	-60	37	38	1	0.42
2016PJAC070	AC	59	454328	6653604	291	270	-60	53	55	2	0.56
							including	53	54	1	0.84
2016PJAC071	AC	60	452931	6654697	304	270	-60	41	42	1	0.35
								50	51	1	0.40
2016PJAC072	AC	59	452827	6654699	297	270	-60	51	52	1	1.84
2016PJAC094	AC	47	446085	6656500	314	270	-60	30	31	1	0.24
								33	34	1	0.30
								35	36	1	0.73
								43	46	3	0.41
							including	44	45	1	0.62
2016PJAC150	AC	58	452981	6648510	305	270	-60	44	48	4	0.34
2016PJAC178	AC	44	457079	6647600	317	270	-60	33	35	2	0.47
							including	34	35	1	0.54
2016PJAC222	AC	62	447271	6653003	290	270	-60	54	55	1	0.23
2016PJAC296	AC	53	446224	6656294	295	270	-60	48	52	4	0.30
2016PJAC300	AC	41	446136	6656502	316	270	-60	28	30	2	0.61
							including	28	29	1	0.79
								35	36	1	0.47

2016PJAC306	AC	59	445984	6656698	315	270	-60	33	35	2	0.92
							including	33	34	1	1.43
2016PJAC311	AC	56	451231	6655245	304	270	-60	40	43	3	0.46
							including	41	42	1	0.70
2016PJAC324	AC	85	451660	6654958	272	270	-60	77	78	1	0.43
2016PJAC326	AC	80	451876	6654959	295	270	-60	51	52	1	0.61
2016PJAC327	AC	62	451975	6654956	293	270	-60	53	55	2	0.99
							including	53	54	1	1.56
2016PJAC331	AC	68	452375	6654958	296	270	-60	45	55	10	1.21
							including	45	46	1	1.33
							and	51	53	2	4.90
2016PJAC335	AC	77	451828	6654834	302	270	-60	41	44	3	0.38
							including	42	43	1	0.54
2016PJAC337	AC	65	452023	6654841	295	270	-60	50	51	1	0.29
2016PJAC338	AC	56	452147	6654836	293	360	-90	44	50	6	0.44
							including	44	45	1	0.59
							and	47	49	2	0.76
2016PJAC340	AC	52	452351	6654839	288	360	-90	49	50	1	0.34
2016PJAC341	AC	56	452102	6654840	289	360	-90	47	54	7	3.51
2016PJAC345	AC	68	451928	6654552	292	270	-60	51	52	1	0.20
2016PJAC350	AC	68	451874	6655252	294	270	-60	52	53	1	0.73
2016PJAC352	AC	67	452023	6654959	297	270	-60	49	50	1	2.14
2016PJAC366	AC	77	455763	6650040	288	270	-60	59	60	1	0.55
2016PJAC370	AC	67	456180	6650051	305	270	-60	40	41	1	0.57
								47	48	1	0.44
								52	56	4	0.24
2016PJAC377	AC	71	452514	6654552	281	270	-60	68	71	3	0.57
							including	69	71	2	0.71
2016PJAC380	AC	71	452818	6654547	286	270	-60	62	63	1	0.51
2016PJAC382	AC	67	453026	6654540	296	270	-60	49	50	1	0.91
2016PJAC383	AC	71	453124	6654549	292	270	-60	56	57	1	0.44
2016PJAC384	AC	68	453220	6654547	290	270	-60	59	60	1	1.66
2016PJAC385	AC	65	453325	6654546	291	270	-60	58	59	1	4.87
								62	63	1	0.26
2016PJAC386	AC	72	453419	6654552	288	270	-60	62	63	1	0.49
2016PJAC389	AC	66	453714	6654549	288	270	-60	62	63	1	3.01
2016PJAC391	AC	72	453915	6654548	289	270	-60	60	65	5	0.31
							including	60	61	1	0.72
							and	64	65	1	0.60
								69	70	1	0.30
2016PJAC392	AC	62	454048	6654550	322	360	-90	20	24	4	0.26
2016PJAC394	AC	81	454212	6654548	283	270	-60	68	69	1	0.22
								76	77	1	0.75
								79	80	1	0.22
2016PJAC406	AC	95	453325	6654843	308	270	-60	38	41	3	0.93
							including	38	40	2	1.27
2016PJAC407	AC	50	453447	6654826	292	360	-90	47	50	3	0.29
2016PJAC416	AC	56	452729	6655248	308	270	-60	38	40	2	0.34
2016PJAC417	AC	47	452827	6655250	305	270	-60	40	41	1	0.25
2016PJAC421	AC	53	452598	6654417	300	360	-90	38	40	2	0.88
2016PJAC423	AC	50	452795	6654418	299	360	-90	42	43	1	0.21
2016PJAC438	AC	56	452246	6654120	281	360	-90	55	56	1	0.49
2016PJAC440	AC	53	452446	6654143	289	360	-90	44	46	2	0.52

							including	45	46	1	0.76
2016PJAC450	AC	71	454324	6654148	291	270	-60	53	54	1	0.28
2016PJAC451	AC	77	454423	6654142	304	270	-60	38	42	4	0.42
							including	38	39	1	0.80
							and	41	42	1	0.56
								58	59	1	0.64
2016PJAC453	AC	51	454634	6654138	310	270	-60	33	34	1	0.47
2016PJAC456	AC	44	452600	6654145	300	360	-90	36	37	1	0.98
2016PJAC469	AC	89	453018	6653247	287	270	-60	59	61	2	0.63
2016PJAC475	AC	87	455860	6649643	271	270	-60	80	83	3	0.40
							including	82	83	1	0.70
2016PJAC476	AC	88	455968	6649646	286	270	-60	65	66	1	0.20
2016PJAC495	AC	58	456278	6649303	313	270	-60	30	34	4	0.69
							including	33	34	1	1.51
2016PJRC0001	RC	150	446037	6656499	303	270	-60	41	45	4	0.32
2016PJRC0002	RC	138	446075	6656496	267	270	-60	83	95	12	0.85
							including	83	88	5	1.35
							and	92	94	2	1.29
								96	97	1	0.21
2016PJRC0003	RC	150	446145	6656496	269	270	-60	83	87	4	0.34
2016PJRC0005	RC	119	451920	6655099	294	270	-60	47	59	12	0.47
							including	47	55	8	0.61
2016PJRC0008	RC	150	452074	6654843	290	270	-60	54	62	8	0.71
							including	54	58	4	0.97
2016PJRC0009	RC	150	452134	6654839	291	270	-60	55	59	4	0.37
								87	91	4	0.36
2016PJRC0014	RC	150	452790	6654305	231	270	-60	122	126	4	0.32
2016PJRC0016	RC	150	453380	6654851	253	270	-60	103	104	1	0.60
2016PJRC0017	RC	150	453453	6654850	269	270	-60	86	89	3	1.04
							including	86	88	2	1.35
								92	93	1	0.43
								104	105	1	0.69
2016PJRC0020	RC	150	453957	6654555	264	270	-60	86	94	8	0.24
2016PJRC0021	RC	150	454170	6654547	295	270	-60	55	56	1	0.30
								67	71	4	1.41
								87	88	1	0.87
								109	110	1	1.96
2017PJAC0549	AC	93	454007	6654840	270	270	-60	90	91	1	0.23
								92	93	1	0.39
2017PJAC0553	AC	63	453719	6654346	289	270	-60	56	60	4	0.21
2017PJAC0554	AC	75	453813	6654345	280	270	-60	66	69	3	0.21
2017PJAC0556	AC	67	454015	6654348	289	270	-60	56	67	11	1.81
							including	60	62	2	8.19
							and	66	67	1	1.25
		63	453919	6653837	286	270	-60	56	57	1	0.72
2017PJAC0573	AC	87	454368	6653248	283	270	-60	60	64	4	0.55
2017PJAC0574	AC	72	454467	6653249	284	270	-60	60	64	4	0.32
2017PJAC0590	AC	72	457077	6647190	310	270	-60	42	43	1	0.28
2017PJAC0591	AC	69	456925	6647205	309	270	-60	44	46	2	1.15
2017PJAC0592	AC	70	457020	6647196	303	270	-60	51	53	2	0.79
								66	67	1	0.84
2017PJAC0893	AC	91	454073	6654348	300	270	-60	48	49	1	0.40
2017PJAC0894	AC	96	453963	6654838	287	270	-60	70	71	1	0.22

2017PJAC0899	AC	49	446226	6655998	296	270	-60	47	49	2	1.61
							including	48	49	1	3.02
2017PJAC0900	AC	50	446282	6656002	308	270	-60	33	34	1	1.34
								42	45	3	0.36
							including	42	43	1	0.60
								48	50	2	0.28
2017PJAC0901	AC	52	446336	6655999	311	270	-60	28	30	2	0.46
							including	28	29	1	0.67
2017PJAC0905	AC	42	446081	6656296	304	270	-60	40	42	2	0.38
							including	41	42	1	0.55
2017PJAC0909	AC	64	446019	6656705	294	270	-60	56	57	1	0.22
2017PJAC0918	AC	42	445882	6656999	306	270	-60	41	42	1	0.24
2017PJAC0921	AC	59	446021	6656999	298	270	-60	52	53	1	0.99
								54	55	1	0.30
2017PJAC0928	AC	63	453766	6654144	285	270	-60	60	61	1	0.31
2017PJAC1010	AC	59	457180	6646848	317	270	-60	40	41	1	0.23
								42	43	1	0.24
2017PJAC1099	AC	112	465840	6627900	346	270	-60	111	112	1	6.55
2017PJAC1100	AC	70	465968	6627901	387	270	-60	68	70	2	0.73
							including	69	70	1	1.15
2017PJAC1118	AC	100	465147	6629905	357	270	-60	97	99	2	1.17
2017PJAC1126	AC	81	465814	6629895	371	270	-60	72	73	1	0.26
2017PJAC1363	AC	105	465908	6627901	376	270	-60	79	81	2	0.28
2017PJAC1367	AC	61	446235	6655761	297	270	-60	45	47	2	0.88
							including	45	46	1	1.50
2017PJAC1368	AC	49	446272	6655752	295	270	-60	48	49	1	0.34
2017PJAC1381	AC	72	457276	6646400	319	270	-60	41	42	1	0.52
2017PJAC1386	AC	43	446279	6655509	299	270	-60	38	41	3	0.27
2017PJAC1387	AC	57	446332	6655511	302	270	-60	37	39	2	0.61
							including	38	39	1	0.94
2017PJAC1389	AC	66	446424	6655509	294	270	-60	44	45	1	0.22
2017PJAC1392	AC	59	446581	6655497	299	270	-60	41	42	1	0.23
								49	51	2	0.29
2017PJAC1433	AC	66	446874	6653903	296	270	-60	50	52	2	0.69
							including	50	51	1	0.99
2017PJAC1443	AC	73	447371	6653897	284	270	-60	63	64	1	0.51
2017PJAC1445	AC	70	447476	6653897	298	270	-60	44	48	4	0.43
							including	47	48	1	0.87
								54	55	1	0.70
2017PJAC1448	AC	75	455728	6650055	297	270	-60	48	49	1	0.25
2017PJAC1470	AC	73	466823	6626702	391	270	-60	60	61	1	0.22
2017PJAC1486	AC	71	466363	6627094	388	270	-60	68	69	1	0.26
2017PJAC1518	AC	135	465036	6630303	332	270	-60	124	125	1	0.66
2017PJAC1529	AC	87	455918	6649661	293	270	-60	56	57	1	0.47
2017PJAC1535	AC	68	456321	6649299	297	270	-60	53	54	1	1.33
								66	67	1	0.40
2017PJAC1540	AC	62	456931	6647397	319	240	-60	31	33	2	0.95
							including	31	32	1	1.44
								36	38	2	0.34
2017PJRC0023	RC	180	446302	6655748	307	270	-60	34	37	3	0.43
								36	37	1	0.85
								39	40	1	0.24
								42	43	1	0.29

2017PJRC0025	RC	180	446379	6655753	269	265	-60	81	82	1	0.47
2017PJRC0026	RC	180	446441	6655752	282	270	-60	61	64	3	1.64
								153	154	1	2.90
								160	162	2	0.38
2017PJRC0027	RC	200	446294	6656295	286	270	-60	60	61	1	0.63
								150	151	1	0.46
								166	170	4	0.36
							including	167	168	1	0.58
2017PJRC0028	RC	120	446254	6656297	305	270	-60	38	40	2	0.23
								43	44	1	0.24
								46	47	1	0.21
								51	53	2	0.38
							including	51	52	1	0.53
								78	82	4	0.56
							including	78	79	1	1.36
2017PJRC0029	RC	180	446160	6656299	313	270	-60	27	35	8	0.34
							including	27	28	1	0.63
							and	34	35	1	0.70
								37	39	2	0.22
								42	45	3	0.27
2017PJRC0030	RC	120	446109	6656298	314	270	-60	29	30	1	0.29
								42	43	1	0.30
2017PJRC0031	RC	120	446003	6656698	306	270	-60	43	44	1	0.30
								50	52	2	0.85
							including	51	52	1	1.41
								67	68	1	1.18
								84	87	3	0.56
							including	84	86	2	0.66
								90	91	1	0.35
2017PJRC0032	RC	180	445997	6656678	220	270	-60	144	150	6	0.24
2017PJRC0033	RC	126	446072	6656686	268	270	-60	92	93	1	0.28
2017PJRC0034	RC	168	446251	6655997	300	270	-60	35	53	18	0.57
							including	35	39	4	1.60
							and	43	45	2	0.64
							and	46	47	1	0.50
								57	58	1	0.43
2017PJRC0035	RC	200	446303	6655998	301	270	-60	38	43	5	0.36
							including	39	40	1	0.69
								65	83	18	0.57
							including	67	68	1	0.79
							and	73	82	9	0.85
2017PJRC0036	RC	200	446346	6655997	288	270	-60	52	58	6	0.77
							including	53	55	2	1.70
2017PJRC0037	RC	185	446409	6655999	308	270	-60	29	30	1	0.89
								121	122	1	0.42
								166	167	1	0.22
								168	171	3	0.31
2018PJAC1629	AC	48	446991	6654051	298	270	-60	47	48	1	0.23
2018PJAC1668	AC	93	455572	6650247	295	272	-60	52	58	6	0.38
							including	53	54	1	0.74
2018PJAC1675	AC	82	456116	6650252	282	270	-60	65	66	1	0.68
2018PJAC1683	AC	90	455923	6649846	295	265	-60	54	55	1	0.23
2018PJAC1687	AC	96	456324	6649849	296	268	-60	52	53	1	1.52
2018PJAC1690	AC	62	455823	6649649	296	268	-60	48	58	10	0.51

							including	48	49	1	0.93
							and	53	55	2	1.55
2018PJAC1692	AC	108	455963	6649449	283	270	-60	66	67	1	0.22
2018PJAC1698	AC	49	456276	6649452	311	272	-60	34	35	1	0.45
2018PJAC1701	AC	74	456416	6649452	292	275	-60	58	60	2	3.47
							including	58	59	1	6.61
2018PJAC1703	AC	68	456531	6649452	312	265	-60	32	33	1	0.47
2018PJAC1716	AC	77	464668	6630297	383	267	-60	65	66	1	1.13
2018PJAC1751	AC	74	465863	6628052	386	269	-60	69	70	1	0.29
2018PJAC1753	AC	63	465969	6628046	391	269	-60	61	62	1	0.28
2018PJAC1754	AC	66	466015	6628042	391	270	-60	60	61	1	0.60
2018PJAC1770	AC	113	466098	6627302	358	271	-60	106	107	1	0.21
2018PJAC1775	AC	84	466363	6627299	386	270	-60	72	74	2	0.41
							including	72	73	1	0.59
2018PJAC1776	AC	91	466430	6627304	415	271	-60	37	38	1	0.33
2018PJAC1789	AC	88	466662	6626702	383	270	-60	74	75	1	0.20
								77	78	1	0.31
								80	81	1	0.24
2018PJAC1795	AC	80	466817	6626502	392	270	-60	61	62	1	0.31
2018PJAC1849	AC	93	454477	6654150	299	270	-60	44	48	4	0.23
2018PJAC1850	AC	54	454586	6654150	316	270	-60	24	32	8	0.46
							including	28	32	4	0.63
2018PJAC1876	AC	41	482427	6649632	312	0	-90	20	21	1	0.74
								35	36	1	0.26
								38	39	1	0.23
2018PJAC1930	AC	74	455256	6652203	280	0	-90	48	52	4	0.46
							including	50	52	2	0.67
2018PJAC2073	AC	47	446647	6654501	300	0	-90	24	36	12	1.34
							including	28	36	8	1.85
								40	44	4	0.24
2018PJAC2074	AC	40	446697	6654501	298	0	-90	28	36	8	0.34
2018PJAC2077	AC	45	446848	6654501	296	0	-90	34	35	1	0.36
2018PJAC2097	AC	54	448698	6654503	278	0	-90	52	53	1	0.63
2018PJAC2099	AC	54	448798	6654503	277	0	-90	53	54	1	0.38
2018PJAC2113	AC	48	446901	6654714	295	0	-90	34	36	2	0.64
							including	34	35	1	1.00
2018PJAC2115	AC	41	446800	6654719	298	0	-90	32	33	1	0.34
								34	35	1	0.20
2018PJAC2125	AC	37	446599	6654902	297	0	-90	33	34	1	0.23
2018PJAC2127	AC	52	446698	6654900	289	0	-90	41	42	1	0.41
2018PJAC2128	AC	42	446749	6654903	293	0	-90	36	39	3	0.30
2018PJAC2129	AC	38	446795	6654903	293	0	-90	37	38	1	0.26
2018PJAC2139	AC	38	446698	6655103	294	0	-90	36	37	1	0.26
2018PJAC2140	AC	35	446647	6655104	298	0	-90	30	35	5	0.30
2018PJAC2144	AC	48	446449	6655103	301	0	-90	28	30	2	0.94
							including	28	29	1	1.59
2018PJAC2149	AC	42	446449	6655297	320	0	-90	8	12	4	0.20
2018PJAC2151	AC	33	446548	6655300	303	0	-90	27	28	1	0.58
2018PJAC2152	AC	25	446600	6655298	306	0	-90	24	25	1	0.21
2018PJAC2188	AC	48	447452	6655101	288	0	-90	41	43	2	0.49
							including	42	43	1	0.71
								44	47	3	0.20
2018PJAC2210	AC	54	470921	6629701	354	270	-60	53	54	1	0.62

2018PJAC2233	AC	77	464666	6631098	369	270	-60	69	70	1	0.28
2018PJAC2234	AC	60	464774	6631102	384	271	-60	50	52	2	0.31
2018PJAC2238	AC	83	464760	6630698	368	270	-60	74	75	1	0.54
2018PJAC2239	AC	93	464857	6630698	371	270	-60	77	78	1	1.03
2018PJAC2300	AC	36	454684	6653453	310	270	-60	32	33	1	0.59
								34	35	1	0.25
2018PJAC2306	AC	87	454255	6654003	268	270	-60	84	85	1	1.27
2018PJAC2311	AC	60	454525	6654003	297	271	-60	47	48	1	0.35
								50	51	1	0.21
2018PJAC2313	AC	58	454627	6654002	305	269	-60	40	41	1	0.21
								45	50	5	0.44
							including	49	50	1	1.00
2018PJAC2319	AC	57	454074	6654702	299	270	-60	51	52	1	0.22
								54	55	1	0.21
								56	57	1	0.24
2018PJAC2470	AC	61	451320	6655142	293	271	-60	54	56	2	0.42
								57	58	1	0.21
2018PJAC2481	AC	50	453419	6655004	306	271	-60	44	45	1	0.28
2018PJAC2485	AC	47	453630	6654996	320	271	-60	30	32	2	0.44
2018PJAC2486	AC	55	453670	6654996	308	269	-60	45	46	1	0.24
								54	55	1	0.83
2018PJAC2497	AC	63	455621	6650399	293	270	-60	52	53	1	0.20
2018PJAC2504	AC	51	455983	6650400	305	271	-60	40	41	1	0.64
2018PJRC0042	RC	222	466820	6633976	238	252	-59	187	188	1	0.59
2018PJRC0058	RC	200	451907	6655094	224	90	-60	133	134	1	1.45
2018PJRC0060	RC	160	454027	6654833	269	270	-60	91	92	1	0.30
2018PJRC0061	RC	258	454077	6654832	263	270	-60	98	99	1	0.27
2018PJRC0062	RC	252	454228	6654552	273	270	-60	80	81	1	0.22
								85	86	1	0.90
								201	202	1	0.49
2018PJRC0067	RC	132	457058	6647197	327	273	-61	23	24	1	0.49
								122	124	2	0.25
2018PJRC0068	RC	150	456938	6647421	287	269	-61	68	69	1	0.61
								75	76	1	1.14
2018PJRC0069	RC	132	456444	6649453	294	270	-61	54	55	1	0.21
								56	61	5	0.45
							including	58	59	1	0.76
								67	68	1	0.27
								105	106	1	0.59
2018PJRC0070	RC	150	456180	6650056	268	274	-59	84	86	2	0.57
							including	85	86	1	0.72
								90	91	1	0.26
								92	95	3	0.30
2018PJRC0071	RC	132	455858	6649652	310	271	-61	36	38	2	0.26
								42	49	7	1.32
							including	42	46	4	2.12
								52	53	1	0.22
								55	56	1	0.21
								92	93	1	1.61
								95	96	1	0.25
								101	102	1	0.23
								105	106	1	0.49
2018PJRC0073	RC	252	456305	6649308	208	272	-61	150	155	5	0.34

							including	150	151	1	0.78
							and	154	155	1	0.58
2019PJAC2730	AC	49	448665	6654383	301	225	-65	30	34	4	0.47
2019PJAC2732	AC	45	448739	6654450	299	225	-65	34	35	1	0.33
2019PJAC2740	AC	64	448607	6654609	279	225	-65	56	57	1	0.45
2019PJAC2773	AC	49	446705	6654497	299	270	-65	34	35	1	0.88
2019PJAC2775	AC	48	446804	6654694	294	270	-65	38	42	4	0.46
							including	38	40	2	0.63
2019PJAC2782	AC	47	446676	6654996	291	270	-65	43	44	1	0.21
2019PJAC2783	AC	50	446732	6655001	299	270	-65	33	35	2	14.14
								43	44	1	1.07
								48	49	1	0.30
2019PJAC2787	AC	46	446703	6655099	289	270	-65	44	46	2	0.55
							including	44	45	1	0.62
2019PJAC2791	AC	40	446684	6655199	301	270	-65	32	33	1	0.25
2019PJAC2792	AC	34	446662	6655199	312	270	-65	19	21	2	0.56
							including	19	20	1	0.72
								23	24	1	0.22
								33	34	1	0.23
2019PJAC2932	AC	67	470769	6629196	356	270	-60	54	56	2	0.25
2019PJAC2968	AC	104	470261	6628796	337	269	-60	81	82	1	0.33
								83	84	1	0.41
2019PJAC2974	AC	83	470768	6628798	349	269	-60	58	59	1	0.32
2019PJAC2978	AC	62	471165	6628797	358	269	-60	54	55	1	0.20
2019PJAC2980	AC	60	471064	6628497	361	269	-60	46	48	2	0.90
2019PJAC2981	AC	78	471112	6628497	356	269	-60	55	57	2	0.85
							including	55	56	1	1.32
								75	76	1	0.24
2019PJAC2989	AC	109	470725	6628242	359	269	-60	50	51	1	0.99
2019PJAC2995	AC	69	471165	6628245	357	269	-60	57	59	2	0.25
2019PJAC2996	AC	81	471267	6628250	344	269	-60	70	72	2	1.43
							including	70	71	1	2.41
2019PJAC3004	AC	101	470916	6628044	343	269	-60	69	70	1	3.40
								79	80	1	0.27
2019PJAC3006	AC	84	471163	6628048	353	269	-60	63	64	1	0.98
2019PJAC3102	AC	51	455790	6649751	325	271	-60	18	19	1	0.21
								33	40	7	1.04
							including	34	39	5	1.34
2019PJAC3103	AC	75	455824	6649753	307	271	-60	40	41	1	0.30
2019PJAC3104	AC	69	455874	6649752	307	271	-60	40	42	2	0.63
							including	40	41	1	0.83
								43	44	1	0.27
2019PJAC3105	AC	89	455915	6649749	287	270	-60	62	63	1	0.30
2019PJAC3106	AC	84	455962	6649753	284	270	-60	64	66	2	0.51
							including	64	65	1	0.71
2019PJAC3110	AC	99	455604	6649649	264	270	-60	90	91	1	0.21
2019PJAC3115	AC	81	455722	6649454	298	270	-60	51	52	1	0.44
2019PJRC0074	RC	198	454499	6654140	299	270	-60	47	51	4	0.52
							including	47	48	1	1.53
							and	50	51	1	0.53
								89	91	2	0.98
								150	151	1	0.62
								182	184	2	0.92

2019PJRC0075	RC	198	454644	6654137	297	270	-60	49	50	1	0.22
2019PJRC0077	RC	150	454627	6654006	226	270	-60	130	136	6	0.39
							including	131	132	1	0.88
							and	134	135	1	0.66
2019PJRC0078	RC	250	454601	6653849	296	270	-60	45	48	3	0.33
							including	194	196	2	0.58
								194	196	2	0.58
								215	216	1	0.26
								221	227	6	0.44
							including	224	225	1	1.23
2019PJRC0082	RC	210	454747	6653450	300	270	-60	43	45	2	0.83
								174	175	1	1.80
								186	189	3	0.28
2019PJRC0087	RC	222	456923	6647416	156	270	-60	216	217	1	0.22
								218	219	1	0.21
2019PJRC0091	RC	150	466368	6627098	335	270	-60	129	131	2	0.34
2019PJRC0094	RC	234	465811	6628049	249	270	-60	225	226	1	1.85
2019PJRC0106	RC	204	446407	6655650	223	238	-55	134	136	2	0.25
2020PJAC3177	AC	65	449002	6653734	275	225	-60	63	65	2	0.50
							including	63	64	1	0.77
2020PJAC3183	AC	65	449464	6654884	289	225	-60	47	48	1	0.33
2020PJAC3184	AC	58	449543	6654962	304	225	-60	30	31	1	0.23
2020PJAC3185	AC	60	449434	6654854	299	225	-60	35	36	1	0.60
2020PJAC3189	AC	58	449653	6654235	298	225	-60	36	37	1	0.52
2020PJAC3197	AC	107	450143	6654728	289	225	-60	47	48	1	0.49
2020PJAC3198	AC	77	450214	6654799	291	225	-65	41	45	4	2.38
2020PJAC3299	AC	99	455485	6650161	267	270	-60	86	87	1	0.44
2020PJAC3300	AC	103	455560	6650160	295	270	-60	49	53	4	0.76
							including	49	51	2	1.33
								87	92	5	0.29
							including	87	88	1	0.61
2020PJAC3301	AC	94	455588	6650160	266	270	-60	84	87	3	0.36
							including	85	86	1	0.54
								89	90	1	0.50
2020PJAC3302	AC	95	455660	6650160	302	270	-60	45	47	2	0.92
							including	46	47	1	1.55
2020PJAC3303	AC	88	455696	6650159	296	270	-60	54	55	1	0.25
								57	65	8	0.40
							including	60	62	2	0.84
2020PJAC3309	AC	72	455688	6649946	301	270	-60	46	49	3	0.34
								61	63	2	0.62
2020PJAC3312	AC	73	455822	6649946	281	270	-60	72	73	1	0.21
2020PJAC3313	AC	89	455891	6649943	305	270	-60	43	45	2	0.97
							including	43	44	1	1.45
2020PJAC3323	AC	95	455898	6649567	305	270	-60	42	43	1	0.84
2020PJAC3338	AC	72	449869	6654936	288	225	-60	48	50	2	1.75
							including	48	49	1	3.09
2020PJAC3360	AC	77	451472	6654279	271	225	-60	72	73	1	0.64
2020PJAC3370	AC	80	451981	6653892	290	225	-60	54	56	2	0.63
2020PJAC3428	AC	65	471230	6628051	365	270	-60	49	50	1	0.30
								54	55	1	0.27
2020PJAC3430	AC	90	471271	6628049	359	270	-60	56	57	1	0.30
								81	82	1	0.39

2020PJAC3432	AC	66	471519	6628047	355	270	-60	63	64	1	0.21
2020PJAC3437	AC	110	470821	6628245	344	270	-60	69	70	1	1.06
2020PJAC3439	AC	68	471321	6628249	360	270	-60	52	54	2	0.27
2020PJAC3448	AC	79	471266	6628794	341	270	-60	74	75	1	0.28
2020PJAC3455	AC	92	471161	6628997	327	270	-60	89	92	3	4.24
2020PJAC3477	AC	96	471733	6631565	320	315	-60	80	84	4	0.43
								80	82	2	0.58
2020PJAC3488	AC	88	472444	6631985	335	315	-60	65	67	2	0.46
							including	66	67	1	0.54
2020PJRC0113	RC	174	471261	6629389	272	270	-60	131	170	39	0.94
							including	131	135	4	3.86
							and	145	149	4	1.87
							and	152	154	2	1.63
							and	165	170	5	1.85
94YNR140	RAB	38	466840	6634150	361	0	-90	36	37	1	0.72
94YNR142	RAB	35	466940	6634135	365	0	-90	32	35	3	0.60
							including	32	34	2	0.57
							and	34	35	1	0.66
94YNR144	RAB	29	467035	6634135	367	0	-90	27	29	2	0.76
94YNR150	RAB	37	467008	6634342	364	0	-90	28	32	4	0.22
94YNR158	RAB	36	466590	6634350	360	0	-90	32	35	3	0.24
ACSL14	AC	67	464834	6608957	284	0	-90	40	44	4	0.22
EDR370	RAB	48	448614	6657859	298	0	-90	43	48	5	0.27
GDAC0025	AC	24	476792	6600802	338	270	-60	20	23	3	0.58
GDD001	DDH	222.3	471280	6629289	317	270	-60	98	99	1	0.74
								105	134	29	0.62
							including	105	116	11	0.77
							and	119	133	14	0.58
							including	119	123	4	1.88
								145	152	7	0.32
							including	151	152	1	0.53
								155	156	1	0.22
GDD002	DDH	195.5	471273	6629488	267	270	-60	149	150	1	0.22
								152	172	20	0.90
							including	154	171	17	1.02
							including	155	156	1	5.92
							and	159	160	1	3.80
GDRC0009	RC	217	470946	6629579	298	80	-60	115	117	2	0.44
							including	116	117	1	0.63
								139	140	1	0.24
								143	147	4	0.68
							including	143	146	3	0.83
								162	163	1	0.36
								188	192	4	1.08
								205	206	1	0.27
GDRC0011	RC	408	471300	6629348	324	268	-61	89	90	1	0.70
								104	107	3	1.19
							including	104	106	2	1.62
								128	190	62	0.37
							including	128	131	3	1.00
							and	144	145	1	1.13
							and	150	152	2	0.56
							and	154	155	1	0.63

							and	157	158	1	0.62
							and	164	182	18	0.68
							and	189	190	1	1.14
								205	209	4	0.52
							including	207	208	1	0.98
								239	247	8	0.65
							including	239	246	7	0.70
								255	257	2	0.27
								386	387	1	0.77
								395	408	13	0.32
							including	397	398	1	1.36
							and	406	407	1	0.88
GDRC0012	RC	402	471281	6629604	333	268	-60	76	78	2	0.23
								133	136	3	1.72
							including	133	134	1	4.74
								172	173	1	0.45
								211	212	1	1.36
								265	266	1	0.42
								350	351	1	0.23
GDRC0013	RC	348	471105	6629368	182	259	-61	257	258	1	0.53
								302	303	1	0.74
GDRC0014	RC	360	471284	6629418	357	260	-61	51	52	1	0.33
								63	64	1	0.23
								65	66	1	2.38
								67	68	1	0.36
								86	112	26	0.45
							including	86	89	3	1.69
							and	99	102	3	0.73
							and	109	110	1	0.58
								157	158	1	0.23
								160	161	1	0.31
								189	190	1	0.46
								346	353	7	1.17
							including	346	347	1	6.51
							and	351	352	1	0.82
								358	359	1	0.24
GDRC002	RC	142	471259	6629495	315	270	-60	91	105	14	0.43
							including	91	94	3	0.69
							and	96	97	1	0.51
								102	105	3	0.63
GDRC003	RC	136	471259	6629310	325	270	-60	90	93	3	0.39
							including	92	93	1	0.59
								106	110	4	0.91
							including	106	109	3	1.06
								118	120	2	0.49
							including	118	119	1	0.53
								124	125	1	0.62
GDRC004	RC	120	471358	6629310	307	270	-60	113	114	1	0.74
GDRC006	RC	120	471505	6629310	360	270	-60	51	53	2	0.22
GFRC0001	RC	205	445890	6656935	190	89	-61	173	174	1	0.22
GKRYINB176	RAB	43	467466	6633018	393	90	-60	16	20	4	0.64
GKRYINB212	RAB	53	465397	6632658	397	0	-90	12	16	4	0.23
GKRYINB213	RAB	68	465237	6632658	384	0	-90	28	32	4	0.96
GKRYINB593	RAB	68	465285	6632817	354	270	-60	64	68	4	0.56

GKRYINB594	RAB	122	465303	6632817	316	270	-60	108	112	4	0.82
GKRYINB605	RAB	107	465295	6632497	373	270	-60	44	48	4	0.24
GKRYINB612	RAB	89	465341	6632337	387	270	-60	32	36	4	0.21
GKRYINB620	RAB	97	465196	6633265	387	270	-60	12	16	4	1.88
LCRC0002	RC	222	481542	6648579	222	89	-61	129	130	1	0.47
LRA5440007	AC	69	452804	6654596	297	0	-90	40	45	5	0.21
LRA5440008	AC	59	453021	6654592	294	0	-90	43	45	2	0.37
MAC045	RAB	53	449432	6655178	294	0	-90	36	40	4	0.22
MAC047	RAB	38	452165	6654973	302	0	-90	36	38	2	0.54
MJA006	AC	65	453480	6654000	294	0	-90	42	45	3	0.25
MJA009	AC	65	452998	6653995	291	0	-90	45	51	6	0.24
								57	60	3	0.40
MJA112	AC	75	453530	6654001	295	0	-90	39	42	3	0.40
MR30	RAB	54	448015	6658723	300	360	-90	39	47	8	0.36
MSRC0001	RC	184	456686	6647191	217	89	-50	174	175	1	0.39
ROMS02	RAB	66	448459	6658707	276	359	-90	64	66	2	0.22
ROMS06	RAB	48	447981	6658673	338	359	-90	0	4	4	0.22
RRB114	RAB	60	471377	6629312	359	270	-60	52	56	4	0.28
RRB117	RAB	60	471503	6629313	368	270	-60	40	44	4	0.46
RRB122	RAB	60	471251	6629500	348	270	-60	56	60	4	0.36
RRB173	RAB	53	466942	6634150	365	271	-60	36	40	4	1.10
							including	38	40	2	1.85
RRB179	RAB	47	466985	6634350	360	271	-60	36	40	4	0.28
RRB193	RAB	90	471402	6629098	338	271	-60	72	80	8	0.23
RRB201	RAB	90	471269	6629500	346	271	-60	60	64	4	1.06
								76	84	8	0.36
WDRB127	RAB	66	463630	6632262	425	0	-90	4	8	4	1.00
WDRB66	RAB	42	478764	6643893	335	0	-90	20	24	4	0.37
								36	40	4	2.52
WDRB67	RAB	69	478680	6643881	351	0	-90	4	8	4	0.31
								20	24	4	0.53
YNAC005	AC	74	452680	6646741	304	90	-60	50	52	2	0.64
							including	50	51	1	0.86
YRC002	RC	175	472626	6621195	289	76	-60	126	128	2	0.22
YRC011	RC	102	472533	6621349	366	75	-60	42	44	2	0.26
								87	88	1	0.32
YRC013	RC	225	472854	6621034	226	20	-60	192	193	1	0.20
YRC018	RC	120	472432	6621487	344	75	-60	73	74	1	0.25
YRC020	RC	222	472838	6621042	220	42	-60	204	205	1	0.21
YRC024	RC	138	472930	6621032	290	40	-60	117	118	1	0.20
YRC026	RCD	225.6	472750	6621074	313	40	-60	91	92	1	0.32
YRC027	RC	200	472488	6621406	314	40	-55	105	106	1	0.56
YRC034	RC	192	472660	6621158	319	40	-60	89	90	1	0.28

Composite intervals in the above >=0.2g/t Au table are calculated using:

- the composite starts and ends in equal to or greater than COG material,
- above COG intervals at end of composite carry any internal below COG material intervals
- total composite interval grade remains above the COG.
- Higher grade internal intercepts >=0.5g/t Au

Acronyms:
RAB: Reverse air blast drillhole
AC: Aircore drillhole
RC: Reverse circulation drillhole
DDH: Diamond drill hole

Bulletin RESOURCES

JORC 2012 Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *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.* • *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.*	SBM samples were collected from a rig-mounted cyclone into 1m piles. Drill spoil was sampled with a scoop to 4 m composite samples of approximately 2.5 kg. One metre RC samples were generated by the rigs cone splitter system and collected in calico bags and submitted for assaying based on the results of the initial 4m composite sampling. SBM Aircore composites were prepared by the lab and digested with aqua regia with a gold analysis by ICP-MS to a detection limit of 1 ppb. The same digested sample was also tested for arsenic by ICP-AES to 1ppm detection limit. SBM anomalous Aircore composite samples (>100ppb Au) were subsampled on a metre by metre basis using an aluminium scoop. SBM anomalous RC composite samples (>100 ppb) were subsampled using the previously collected one metre samples from the rig and a 40 g charge was analysed for Au by Fire Assay with an ICP-AES finish to a detection limit of 1 ppb. SBM EOH Aircore samples, as well as a selection of RC samples were assayed by a 10g charge digested by four acid digestion with analysis by ICP-OES & ICP-MS to ultra-trace levels via 4A/OM20 method. Pre-SBM drill data was sourced from a SBM database which compiled historic (WAMEX) report data. A review of relevant WAMEX reports show variable reporting of method descriptions. Where available, records indicate RAB, AC and RC drilling was generally sampled at 4m composite intervals with 1m split where Au (and/or sulphides or Ni) results were elevated. Diamond drilling was sampled with half cut core. Samples were sent to a commercial laboratory for sample prep and either gold or multi-element assay using fire assay or ME-ICP as applicable.

Criteria	JORC Code explanation	Commentary
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.).*	SBM Aircore - all holes drilled to refusal which was generally at the fresh rock interface. SBM RC drilling utilised a truck mounted SCHRAMM T685W rig with Sullair 1150/350 on board air. Face sample bit used. Pre-SBM drilling consisted of RAB, AC, RC and NQ2 diamond drilling. Further details for RAB and AC not reported. RC used face sampling bit, Diamond drill type reported as NQ2 tail to RC precollars.
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.*	SBM - Sample recoveries and condition (wet/dry) were routinely recorded. The drill cyclone and sample buckets were cleaned regularly, in particular after wet ground was encountered. The cyclone was also cleaned several times during the course of each hole and after the completion of each hole. Pre-SBM – recoveries not reported.
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.*	SBM - All drill holes were logged in full for lithology, alteration, weathering/regolith and colour. Aircore and RC logging was both qualitative and quantitative Pre-SBM. Logging qualitive in nature to lithological unit boundaries or less commonly to 1-2m intervals.
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*	SBM - Aircore and RC samples were collected as both dry and wet samples using a sample scoop. Composite samples were sorted, dried, crushed and pulverised to produce a 40g charge prior to fire assay. Samples were collected at 1 m intervals and composited in 4 m samples using a scoop to sample individual metre samples. QC procedures for composite sampling involved the insertion of certified reference material, field duplicates and blanks at ratios of 1:50.

Criteria	JORC Code explanation	Commentary
	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.*	Commercial lab inserted certified standards, replicates and lab repeats. Pre-SBM -Limited subsampling data indicating 4m RC composites spear sampled, 1m RC samples taken with riffle splits and Diamond half cored.
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.*	SBM - Aircore composite samples used a 40 g charge with an aqua regia digest, which was considered appropriate by SBM for analysis of the regolith dominated sample medium. The RC composite samples used a 40 g charge for fire assay, which was considered appropriate for gold mineralisation in fresh rock material. Certified reference material was inserted into the sample stream at a ratio of 1:50. Field duplicates and blanks were inserted at a ratio of 1:50. Pre-SBM – where noted, samples assayed by aqua regia digest with Fire assay or ICPMS for gold analysis. Details of QAQC not reported.
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.*	SBM - Primary geological and sampling data were recorded into made for purpose excel spreadsheets. Data was then transferred into the St Barbara corporate database where it was validated by an experienced database geologist. No adjustments to assay data were made. BNR – selected SBM historical data verified back to original Wamex reports with no issues identified.

Criteria	JORC Code explanation	Commentary
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	SBM - Data points were located with hand-held GPS with ~3m accuracy pre drill and DGPS post drill. No downhole surveys were conducted on Aircore holes. All RC holes were surveyed at 5 metre intervals using a Reflex gyro tool. Pre-SBM – collars recorded by GPS where reported, elevation generally reported at a nominal and variable RL. Downhole RC and Diamond single shot eastman camera at 50m intervals. BNR - All collar locations (SBM and Pre-SBM) reported herein have been referenced in Z axis to 1 sec DEM derived from Geoscience Australia for standardisation of collar RLs.
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.*	RAB and Aircore drill holes were on 50 m or 100 m spacing with line spacings ranging between 200 m and 600 m or as individual scout lines. RC and diamond holes were not designed on any regular spacing Elevated original 4 m composite assay results split to 1 m.
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.*	Drill holes are largely oriented to the west, approximately perpendicular to the main strike of the geology. RAB and AC holes were drilled vertically in areas. RAB/AC drill traverses generally designed perpendicular to the regional structures. This was either east - west or northeast - southwest. No sampling bias is anticipated to be derived from drill orientation.

Criteria	JORC Code explanation	Commentary
Sample security	• *The measures taken to ensure sample security.*	SBM samples were held within a secure company location before dispatch to Bureau Veritas in Perth for Au analysis. Pre-SBM data is unknown.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	A preliminary audit of data has been carried out by Bulletin personnel. Further validation/verification of supplied data remains to be completed. No material issues have been found to date.

Bulletin RESOURCES

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	• *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 license to operate in the area.*	Tenements are live ELs E28/2234, E28/2264, E28/2447, E28/2494, E28/2313, E28/2327 and E28/2446. Tenements are held by St Barbara Limited (85%) and Plowden Resources (15%). Bulletin has acquired 100% of the tenement ownership with tenement transfer pending. A portion of the tenements overlie Lake Rebecca which is a registered Aboriginal site. Exploration on Lake Rebecca will require new S18 applications under the Heritage Act 1972. Existing 2%NSR VOX royalty over E28/2313 and E28/2327 and a max 3% royalty over other tenements . Tenements E28/2446, E28/2447,E28/2313 and E28/2234 are pending renewal approval.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	There have been numerous historical holders of the project area. Exploration has been conducted by companies including but not limited to: Newmont Pty Ltd, Endeavour Minerals, WMC, Goldfields Exploration Pty Ltd, Anglo American, Gutnick Resources, Carpentaria Exploration Company, BHP, Uranez, Placer Exploration Ltd, Jacksons Minerals Limited, Anglo Australian Resources, Troy Resources NL, Saracen, Hawthorn Resources, Renaissance Minerals Limited, St Barbara Limited and Plowden Resources under SBM JV. Works include target generation, geophysics, geochemistry and drilling.
Geology	• *Deposit type, geological setting and style of mineralisation.*	The deposit types sought are of Archean orogenic gold mineralisation style. The tenement package covers Archaean greenstones within the highly prospective Eastern Goldfields Province of the Yilgarn Craton. The Pinjin project covers portions of the prospective Laverton and Keith-Kilkenny Tectonic Zones which pass through the eastern and western portions respectively.
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*	A list of all holes reporting Au at a 0.2 g/t lower COG with higher grade internal intervals is provided in Appendix 1 (collectively, the material drill holes). The tabulation of remaining drill data (i.e. drilling with no results at or above 0.2g/t Au) is not considered material to the context of this announcement and is not considered to detract from the understanding of the report as a figure showing all collars with

Criteria	JORC Code explanation	Commentary
	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.*	maximum downhole Au grade is shown in the release. The appendix, together with the report figures is considered to show and define areas of known elevated and non-elevated gold mineralisation appropriate to the level of exploration works conducted to date.
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.*	No data was top-cut. A lower limit of 0.2g/t Au was used in composite interval results. Composite intervals are calculated using: • the composite starts and ends in equal to or greater than COG material, • above COG intervals at end of composite carry any internal below COG material intervals • total composite interval grade remains above the COG. • Higher grade internal intercepts >=0.5g/t Au with same rules as 0.2 g/t composite
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').*	Drilling was generally oriented approximately perpendicular to regional geological strike. The dip of the mineralisation varies and true widths are likely to be less than down-hole mineralised widths. Further drilling is required to determine local dip and strike of mineralised zones.

Criteria	JORC Code explanation	Commentary
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.*	A map and representative sections have been provided in body of report.
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.*	A summary of results is included in Appendix 1.
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.*	The review made use of publicly available aeromagnetics and drilling by previous explorers.
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Exploration targeting, geophysics, soil sampling, drilling and other exploration works are planned to progress exploration in the tenements.