

## Assay Results Extend Halo Project Mineralisation Zone

### Highlights

- All assay results from the September 2025 RC drilling program at the Halo Project (Laverton) have now been received.
- Assay results extend mineralisation with mineralisation remaining open along strike and down plunge.
- Recent results include intersections of:
  - 1 m @ 11.50 g/t Au from 114 m (LVRC10)
  - 2 m @ 3.13 g/t Au from 48 m (LVRC12)
  - 3 m @ 1.00 g/t Au from 118 m (LVRC12)
  - 2 m @ 1.28 g/t Au from 109 m (LVRC12)
  - 1 m @ 3.15 g/t Au from 149 m (LVRC15)
  - 2 m @ 0.71 g/t Au from 62 m (LVRC09)
- Results complement previous results from this campaign<sup>1</sup> which returned:
  - 17m @ 0.90g/t Au from 44m (LVRC06)
  - 2m @ 3.79g/t Au from 190m (LVRC07)
  - 5m @ 2.62g/t Au from 217m (LVRC07)
  - 2m @ 2.55g/t Au from 58m (LVRC08)
- Results under review to determine continuity and next exploration priorities.

Catalina Resources Ltd (“Catalina” or “the Company”) is pleased to advise that all assay results from the September 2025 reverse-circulation (RC) drilling program at the Halo Project, which forms part of the Company’s Laverton Gold Project, have now been received.

These results build directly upon the initial assays reported in the 6 October 2025 announcement (which included LVRC06, LVRC07 and LVRC08). At that time, Catalina confirmed that Halo is a mineralised gold system with potential for extension along strike and at depth.

Significant results from this final batch of assays include:

- 1 m @ 11.5g/t Au from 114 m (LVRC10)
- 2 m @ 3.1g/t Au from 48 m (LVRC12)
- 3 m @ 1.0g/t Au from 118 m (LVRC12)
- 2 m @ 1.3g/t Au from 109 m (LVRC12)
- 1 m @ 3.2g/t Au from 149 m (LVRC15)
- 2 m @ 0.7g/t Au from 62 m (LVRC09)

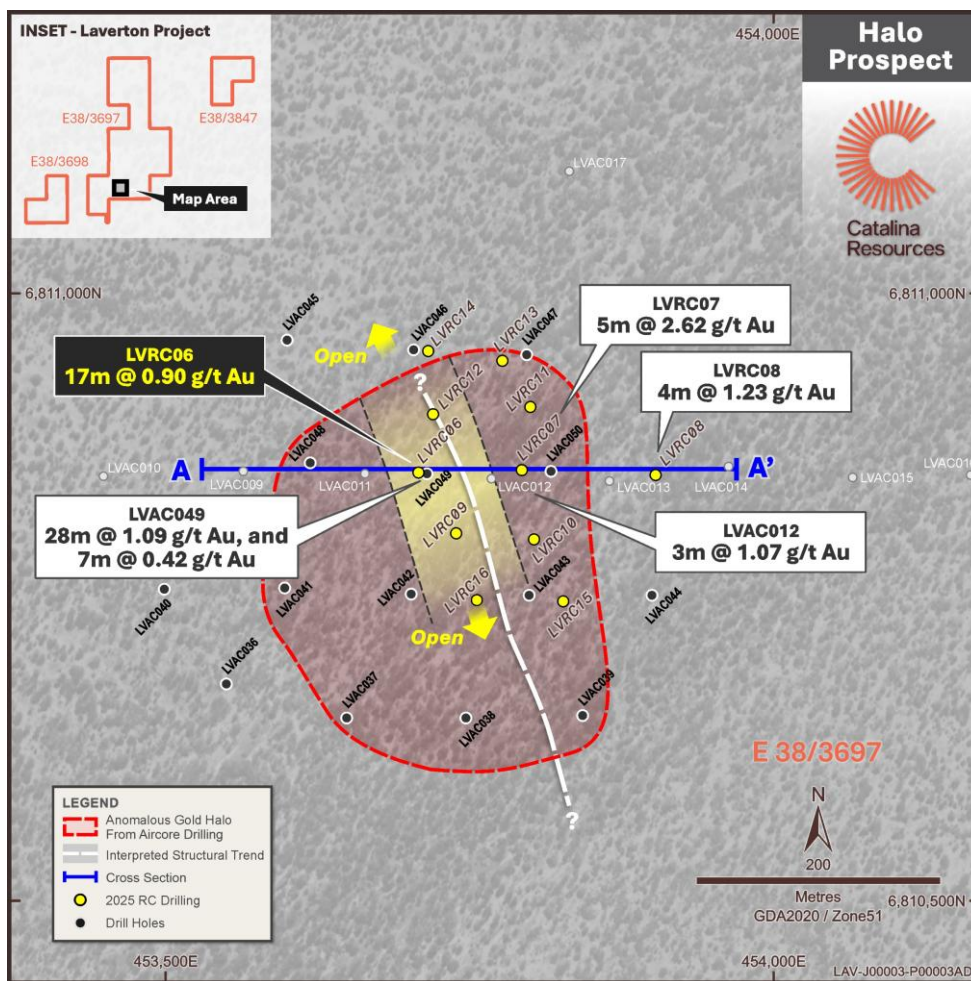
These results complement previous results from AC and RC at the Halo Project (Figure 1) and provided:

- 44m at 1.01g/t Au from 44m (LVAC49) Includes<sup>2</sup>:
  - 4m at 2.22g/t Au from 48m;
  - 4m at 1.96g/t Au from 64m
  - 8m at 1.45g/t Au from 72m
- 18m @ 1.16g/t Au from 126m, incl. 5m @ 2.3g/t Au (LVRC02)<sup>3</sup>
- 17m @ 0.90g/t Au from 44m (LVRC06)
- 2m @ 3.79g/t Au from 190m (LVRC07)
- 5m @ 2.62g/t Au from 217m (LVRC07)
- 2m @ 2.55g/t Au from 58m (LVRC08)

With the full dataset now received, Catalina will consolidate all results to evaluate mineralisation trends, assess the scale and continuity of the system, and determine the most effective next steps to advance the project.

#### Drilling Program Summary

- The September RC campaign comprised 11 holes (LVRC06–LVRC16) with a total of 2,040 metres drilled
- The design aimed to test both infill and step-out targets north and south of previous drilling campaigns which were designed to assess the mineralisation along the Barnicoat Shear Zone (BSZ) within the confines of the Halo Gold Project area.
- Drilling was carried out on regularly spaced cross-sections (50 m apart), with collars located to test structural continuity.
- All samples were collected and assayed at 1 m intervals, providing consistent resolution across the mineralised zones.



**Figure 1** – Area of anomalous geochemical gold halo interpreted from previous AC and RC drilling

The Halo Gold Project lies along the Barnicoat Shear Zone (BSZ), a regionally significant structural corridor that also hosts the Lily Pond Well, Mon Ami, and Ida H gold resources (Figure 2). Geophysical interpretations indicate that the BSZ transects Catalina’s tenement, providing a strong structural setting for the observed mineralisation. This context underpins Catalina’s systematic drilling approach to evaluate extensions along strike and at depth.

**Drilling observations and geological characteristics include:**

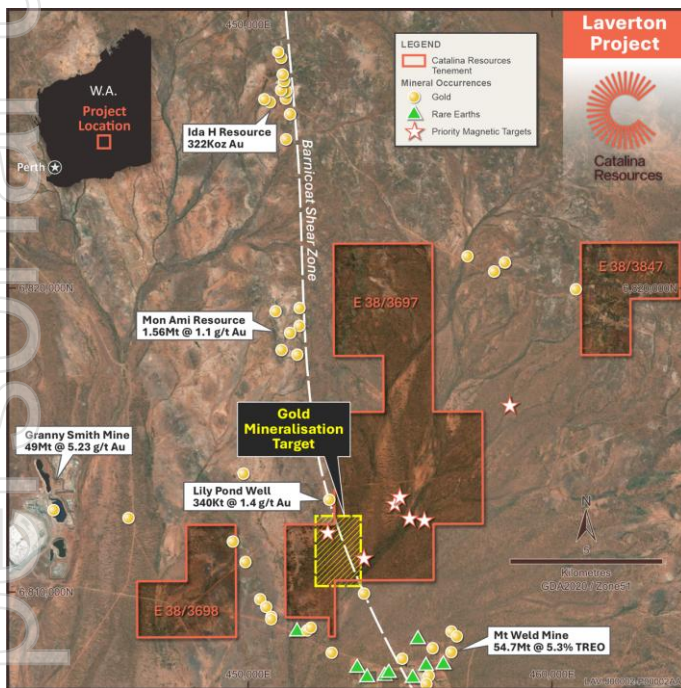
- Reverse circulation (RC) drilling intersected a deeply weathered dolerite package characterised by pervasive carbonate alteration and localised sericite alteration, indicating significant hydrothermal fluid activity.
- Several zones of intense sericite and carbonate alteration were identified within the altered dolerite, suggesting structurally controlled fluid flow, potentially along shear zones or faults.
- Mineralisation occurs within the saprolite profile, likely representing a weathered expression of underlying primary mineralisation.
- Gold mineralisation is also observed adjacent to intensely sericite–carbonate altered zones in fresh rock.
- Higher-grade zones of primary mineralisation appear spatially associated with carbonate–sericite altered dolerite immediately adjacent to these zones.

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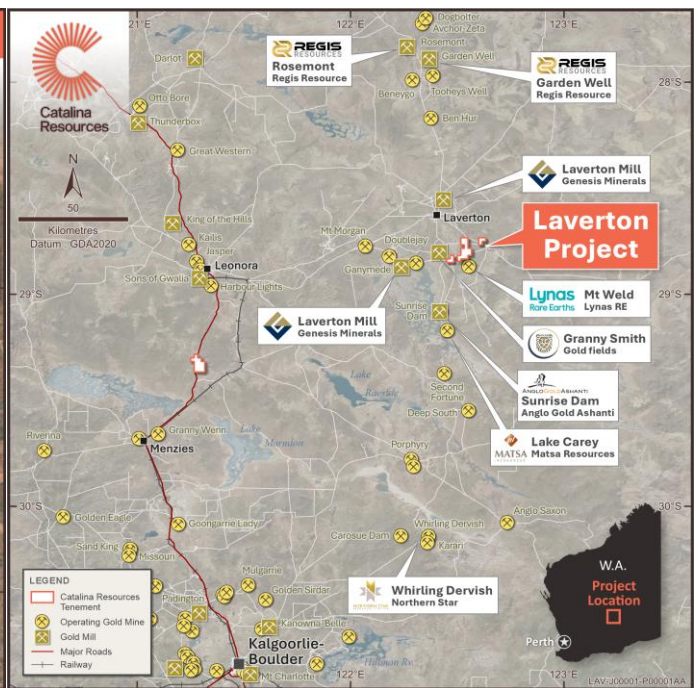
## Regional Overview

The Laverton district is recognised as one of Australia’s most productive gold provinces, with a long history of discovery and development. Within a 50-kilometre radius of the Halo Project lie some of the country’s most significant gold operations, including Granny Smith and Sunrise Dam (AngloGold Ashanti), Wallaby (Gold Fields), and additional deposits such as Mon Ami and Ida H (Figure 2). Collectively, these systems highlight the proven endowment of the Laverton Tectonic Zone and its ability to host large, long-lived gold deposits. While Halo remains at an early stage of exploration, its location along the Barnicoat Shear Zone places it within the same fertile geological framework that underpins these established mines, providing a strong basis for systematic follow-up.

In addition to this regional geological advantage, the Halo Project is strategically located in close proximity to established haul roads, transport corridors, and several operating processing facilities. This infrastructure position provides Catalina with flexibility to pursue a range of future project options, supported by established regional processing facilities and transport networks. The combination of solid assay results, proven district-scale endowment, and strong infrastructure connectivity reinforces the strategic significance and development potential of the Halo Gold Project within the Laverton district.



**Figure 2** – The Barnicoat Shear Zone is a significantly mineralised structure with several significant gold deposits scattered along its length



**Figure 3** – Regional location diagram of the Laverton Gold Project and E38/3697

## Next Steps

With all assay results now received and validated, Catalina will consolidate the complete dataset to refine the geological interpretation, assess mineralisation continuity and grade distribution, and evaluate potential next steps to advance the Halo Project within the broader Laverton project area.

### Executive Director Ross Cotton commented:

*“The completion of this program and receipt of all assay results mark an important step forward for the Halo Project. The results demonstrates that gold mineralisation extends across multiple sections and depths, highlighting continuity within a highly prospective part of the Laverton district. With the dataset now complete, we are seeing clear indicators of scale and potential that enhance Halo’s position as a valuable asset within Catalina’s broader portfolio”*

**This announcement has been authorised for release by the Executive Director.**

## Contacts

### Investors / Shareholders

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Executive Director

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## References (ASX)

This Report contains information extracted from ASX market announcements reported in accordance with the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (“2012 JORC Code”). Further details (including 2012 JORC Code reporting tables where applicable) of exploration results referred to in this announcement can be found in the following announcements lodged on the ASX:

<sup>1</sup>See ASX Announcement 6 October 2025 *Catalina to Acquire Pilbara Gold Project and Drilling Confirms Gold Mineralisation at Halo Project in Laverton*

<sup>2</sup>See ASX Announcement 1 November 2024: *Catalina intersects 44m at 1.01g/t gold at Laverton*

<sup>3</sup>See ASX Announcement 8 January 2025: *June 2025: Gold and REE Intersections Upgraded at Laverton*

The Company confirms that it is not aware of any new information or data that materially affects the information in the original reports, and that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original reports.

## Competent Person Statement

The information in this report that relates to the exploration activities within Laverton September RC campaign are based on information compiled by Mr. S Nicholls, who is a Member of the Australian Institute of Geoscientists and full-time employee of Apex Geoscience. Mr Nicholls 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'. Mr. Nicholls consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Where the Company refers to the Mineral Resources in this report (referencing previous releases made to the ASX), it confirms that it is not aware of any new information or data that materially affects the information included in that announcement and all material assumptions and technical parameters underpinning the Mineral Resource estimate with that announcement continue to apply and have not materially changed.

The review of the historical exploration activities and results contained in this report is based on information compiled by Michael Busbridge, a Member of the Australian Institute of Geoscientists (AIG). He is a Consultant to Catalina Resources Ltd. He has sufficient experience which is relevant to the style of mineralisation and types of deposits 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 (the JORC Code). Catalina confirms that it is not aware of any new information or data that materially affects the information contained in the original reports, and that the form and context in which the Competent Person's findings are presented have not been materially modified from the original reports. Mr Busbridge's consent to the use of his original information is assumed to remain in place for this announcement.

#### **Forward-Looking Statements**

This announcement contains forward-looking statements that are subject to a range of risks and uncertainties. These statements relate to the Company's expectations, intentions, or strategies regarding the future. While the Company believes these statements to be reasonable at the time of release, actual events or results may differ materially from those anticipated. Readers are cautioned not to place undue reliance on forward-looking statements and should consider all relevant assumptions and risk factors as disclosed by the Company.

#### **ABOUT CATALINA RESOURCES LIMITED**

Catalina Resources Limited is an Australian diversified mineral exploration and mine development company whose vision is to create shareholder value through the successful exploration of Projective gold, base metal, lithium and iron ore projects and the development of these projects into production.

Appendix 1. 2025 RC Significant Intersections (Assays > 0.5g/t Au with no more than 2m consecutive internal waste).

Hole Id	From (m)	To (m)	Width (m)	Au (g/t)	Significant Intersection
LVRC06	35.00	36.00	1.0	0.73	1m @ 0.7g/t Au from 35m
	38.00	40.00	2.0	0.62	2m @ 0.6g/t Au from 38m
	44.00	61.00	17.0	0.90	17m @ 0.9g/t Au from 44m
	64.00	69.00	5.0	0.98	5m @ 1.0g/t Au from 64m
	74.00	82.00	8.0	0.98	8m @ 1.0g/t Au from 74m
LVRC07	58.00	62.00	4.0	0.68	4m @ 0.7g/t Au from 58m
	69.00	70.00	1.0	0.62	1m @ 0.6g/t Au from 69m
	131.00	132.00	1.0	0.86	1m @ 0.9g/t Au from 131m
	156.00	158.00	2.0	0.73	2m @ 0.7g/t Au from 156m
	185.00	187.00	2.0	0.76	2m @ 0.8g/t Au from 185m
	190.00	192.00	2.0	3.79	2m @ 3.8g/t Au from 190m
	Incl. 191	192.00	1.0	6.30	1m @ 6.3g/t Au from 191m
	197.00	198.00	1.0	0.55	1m @ 0.6g/t Au from 197m
	217.00	222.00	5.0	2.62	5m @ 2.6g/t Au from 217m
	Incl. 220	221.00	1.0	7.50	1m @ 7.5g/t Au From 220m
	237.00	238.00	1.0	2.15	1m @ 2.2g/t Au from 237m
249.00	250.00	1.0	0.84	1m @ 0.8g/t Au from 249m	
LVRC08	58.00	60.00	2.0	2.55	2m @ 2.5g/t Au from 58m
	82.00	83.00	1.0	0.55	1m @ 0.6g/t Au from 82m
	97.00	101.00	4.0	1.23	4m @ 1.2g/t Au from 97m
	109.00	111.00	2.0	2.32	2m @ 2.3g/t Au from 109m
LVRC09	62.00	64.00	2.0	0.71	2m @ 0.7g/t Au from 62m

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LVRC10	114.00	115.00	1.0	11.50	1m @ 11.5g/t Au from 114m
	118.00	119.00	1.0	0.80	1m @ 0.8g/t Au from 118m
	131.00	132.00	1.0	0.55	1m @ 0.6g/t Au from 131m
LVRC11	63.00	64.00	1.0	0.51	1m @ 0.5g/t Au from 63m
	73.00	74.00	1.0	0.50	1m @ 0.5g/t Au from 73m
	103.00	104.00	1.0	0.50	1m @ 0.5g/t Au from 103m
	156.00	158.00	2.0	0.94	2m @ 0.9g/t Au from 156m
	167.00	168.00	1.0	0.59	1m @ 0.6g/t Au from 167m
	191.00	194.00	3.0	0.51	3m @ 0.5g/t Au from 191m
	225.00	226.00	1.0	0.56	1m @ 0.6g/t Au from 225m
	250.00	251.00	1.0	0.50	1m @ 0.5g/t Au from 250m
LVRC12	48.00	50.00	2.0	3.13	2m @ 3.1g/t Au from 48m
	93.00	94.00	1.0	2.26	1m @ 2.3g/t Au from 93m
	109.00	111.00	2.0	1.28	2m @ 1.3g/t Au from 109m
	118.00	121.00	3.0	1.00	3m @ 1.0g/t Au from 118m
	144.00	145.00	1.0	1.14	1m @ 1.1g/t Au from 144m
	155.00	156.00	1.0	1.44	1m @ 1.4g/t Au from 155m
LVRC13	42.00	43.00	1.0	0.93	1m @ 0.9g/t Au from 42m
LVRC14	42.00	43.00	1.0	0.86	1m @ 0.9g/t Au from 42m
	85.00	86.00	1.0	1.06	1m @ 1.1g/t Au from 85m
	113.00	114.00	1.0	0.65	1m @ 0.7g/t Au from 113m
	136.00	140.00	4.0	0.63	4m @ 0.6g/t Au from 136m
LVRC15	74.00	77.00	3.0	0.58	3m @ 0.6g/t Au from 74m
	78.00	79.00	1.0	0.56	1m @ 0.6g/t Au from 78m

84.00	85.00	1.0	0.51	1m @ 0.5g/t Au from 84m
86.00	87.00	1.0	0.56	1m @ 0.6g/t Au from 86m
149.00	150.00	1.0	3.15	1m @ 3.2g/t Au from 149m

Appendix 2. 2025 RC drilling assays.

Hole Id	Depth From	Depth To	Gold	Hole Id	Depth From	Depth To	Gold	Hole Id	Depth From	Depth To	Gold	Hole Id	Depth From	Depth To	Gold
Units	m	m	ppm	Units	m	m	ppm	Units	m	m	ppm	Units	m	m	ppm
Det. Limit			0.01	Det. Limit			0.01	Det. Limit			0.01	Det. Limit			0.01
LVRC06	0	1	<0.01	LVRC06	87	88	0.18	LVRC07	42	43	<0.01	LVRC07	129	130	0.1
LVRC06	1	2	<0.01	LVRC06	88	89	0.11	LVRC07	43	44	<0.01	LVRC07	130	131	0.04
LVRC06	2	3	<0.01	LVRC06	89	90	0.14	LVRC07	44	45	<0.01	LVRC07	131	132	0.86
LVRC06	3	4	<0.01	LVRC06	90	91	0.06	LVRC07	45	46	<0.01	LVRC07	132	133	0.05
LVRC06	4	5	<0.01	LVRC06	91	92	<0.01	LVRC07	46	47	<0.01	LVRC07	133	134	0.04
LVRC06	5	6	<0.01	LVRC06	92	93	<0.01	LVRC07	47	48	<0.01	LVRC07	134	135	0.04
LVRC06	6	7	0.01	LVRC06	93	94	<0.01	LVRC07	48	49	<0.01	LVRC07	135	136	0.07
LVRC06	7	8	<0.01	LVRC06	94	95	0.03	LVRC07	49	50	<0.01	LVRC07	136	137	0.01
LVRC06	8	9	<0.01	LVRC06	95	96	<0.01	LVRC07	50	51	<0.01	LVRC07	137	138	0.03
LVRC06	9	10	0.01	LVRC06	96	97	0.13	LVRC07	51	52	<0.01	LVRC07	138	139	<0.01
LVRC06	10	11	0.01	LVRC06	97	98	0.23	LVRC07	52	53	0.02	LVRC07	139	140	<0.01
LVRC06	11	12	0.01	LVRC06	98	99	0.11	LVRC07	53	54	<0.01	LVRC07	140	141	<0.01
LVRC06	12	13	0.01	LVRC06	99	100	0.22	LVRC07	54	55	0.02	LVRC07	141	142	0.02
LVRC06	13	14	0.01	LVRC06	100	101	0.11	LVRC07	55	56	0.01	LVRC07	142	143	0.04
LVRC06	14	15	0.22	LVRC06	101	102	0.05	LVRC07	56	57	0.02	LVRC07	143	144	0.02
LVRC06	15	16	<0.01	LVRC06	102	103	<0.01	LVRC07	57	58	<0.01	LVRC07	144	145	<0.01
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LVRC06	17	18	<0.01	LVRC06	104	105	<0.01	LVRC07	59	60	0.12	LVRC07	146	147	<0.01
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LVRC06	19	20	<0.01	LVRC06	106	107	<0.01	LVRC07	61	62	0.82	LVRC07	148	149	0.03
LVRC06	20	21	<0.01	LVRC06	107	108	<0.01	LVRC07	62	63	0.11	LVRC07	149	150	0.2
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LVRC06	23	24	<0.01	LVRC06	110	111	0.01	LVRC07	65	66	0.09	LVRC07	152	153	0.05
LVRC06	24	25	<0.01	LVRC06	111	112	0.34	LVRC07	66	67	0.23	LVRC07	153	154	0.49
LVRC06	25	26	<0.01	LVRC06	112	113	0.06	LVRC07	67	68	0.15	LVRC07	154	155	0.27
LVRC06	26	27	<0.01	LVRC06	113	114	<0.01	LVRC07	68	69	0.08	LVRC07	155	156	0.35
LVRC06	27	28	<0.01	LVRC06	114	115	<0.01	LVRC07	69	70	0.62	LVRC07	156	157	0.94
LVRC06	28	29	<0.01	LVRC06	115	116	0.19	LVRC07	70	71	0.28	LVRC07	157	158	0.51
LVRC06	29	30	<0.01	LVRC06	116	117	0.37	LVRC07	71	72	0.15	LVRC07	158	159	0.07
LVRC06	30	31	<0.01	LVRC06	117	118	0.05	LVRC07	72	73	0.01	LVRC07	159	160	0.21
LVRC06	31	32	0.01	LVRC06	118	119	0.03	LVRC07	73	74	0.02	LVRC07	160	161	0.09
LVRC06	32	33	<0.01	LVRC06	119	120	0.05	LVRC07	74	75	0.04	LVRC07	161	162	0.08
LVRC06	33	34	0.01	LVRC06	120	121	<0.01	LVRC07	75	76	0.03	LVRC07	162	163	0.06
LVRC06	34	35	<0.01	LVRC06	121	122	0.02	LVRC07	76	77	0.45	LVRC07	163	164	0.01
LVRC06	35	36	0.73	LVRC06	122	123	0.06	LVRC07	77	78	0.03	LVRC07	164	165	<0.01
LVRC06	36	37	0.04	LVRC06	123	124	<0.01	LVRC07	78	79	0.06	LVRC07	165	166	0.06
LVRC06	37	38	0.02	LVRC06	124	125	0.13	LVRC07	79	80	0.05	LVRC07	166	167	0.07
LVRC06	38	39	0.66	LVRC06	125	126	0.08	LVRC07	80	81	0.23	LVRC07	167	168	0.1
LVRC06	39	40	0.58	LVRC06	126	127	0.03	LVRC07	81	82	0.13	LVRC07	168	169	0.22
LVRC06	40	41	0.14	LVRC06	127	128	0.08	LVRC07	82	83	0.05	LVRC07	169	170	0.11
LVRC06	41	42	0.04	LVRC06	128	129	0.12	LVRC07	83	84	0.07	LVRC07	170	171	0.06
LVRC06	42	43	0.41	LVRC06	129	130	0.02	LVRC07	84	85	0.03	LVRC07	171	172	0.02
LVRC06	43	44	0.17	LVRC06	130	131	0.01	LVRC07	85	86	0.04	LVRC07	172	173	<0.01
LVRC06	44	45	2.35	LVRC06	131	132	<0.01	LVRC07	86	87	0.05	LVRC07	173	174	<0.01
LVRC06	45	46	0.07	LVRC07	0	1	0.02	LVRC07	87	88	<0.01	LVRC07	174	175	0.05
LVRC06	46	47	0.57	LVRC07	1	2	<0.01	LVRC07	88	89	0.02	LVRC07	175	176	0.1
LVRC06	47	48	1.55	LVRC07	2	3	<0.01	LVRC07	89	90	0.01	LVRC07	176	177	0.04
LVRC06	48	49	0.13	LVRC07	3	4	<0.01	LVRC07	90	91	0.03	LVRC07	177	178	0.39
LVRC06	49	50	0.13	LVRC07	4	5	<0.01	LVRC07	91	92	0.01	LVRC07	178	179	0.07
LVRC06	50	51	2.47	LVRC07	5	6	0.02	LVRC07	92	93	0.04	LVRC07	179	180	0.04
LVRC06	51	52	0.33	LVRC07	6	7	<0.01	LVRC07	93	94	0.04	LVRC07	180	181	<0.01
LVRC06	52	53	0.64	LVRC07	7	8	0.01	LVRC07	94	95	0.01	LVRC07	181	182	0.04
LVRC06	53	54	0.64	LVRC07	8	9	<0.01	LVRC07	95	96	0.03	LVRC07	182	183	0.05
LVRC06	54	55	0.78	LVRC07	9	10	<0.01	LVRC07	96	97	0.02	LVRC07	183	184	0.06
LVRC06	55	56	0.63	LVRC07	10	11	<0.01	LVRC07	97	98	0.03	LVRC07	184	185	0.1

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LVRC06	56	57	0.19	LVRC07	11	12	0.02	LVRC07	98	99	0.12	LVRC07	185	186	0.96
LVRC06	57	58	1.81	LVRC07	12	13	<0.01	LVRC07	99	100	0.09	LVRC07	186	187	0.55
LVRC06	58	59	2.12	LVRC07	13	14	<0.01	LVRC07	100	101	0.05	LVRC07	187	188	0.07
LVRC06	59	60	0.04	LVRC07	14	15	<0.01	LVRC07	101	102	0.08	LVRC07	188	189	0.06
LVRC06	60	61	0.81	LVRC07	15	16	<0.01	LVRC07	102	103	0.03	LVRC07	189	190	0.29
LVRC06	61	62	0.41	LVRC07	16	17	<0.01	LVRC07	103	104	<0.01	LVRC07	190	191	1.33
LVRC06	62	63	0.02	LVRC07	17	18	<0.01	LVRC07	104	105	<0.01	LVRC07	191	192	6.25
LVRC06	63	64	0.15	LVRC07	18	19	<0.01	LVRC07	105	106	<0.01	LVRC07	192	193	0.18
LVRC06	64	65	0.84	LVRC07	19	20	<0.01	LVRC07	106	107	<0.01	LVRC07	193	194	0.47
LVRC06	65	66	1.06	LVRC07	20	21	<0.01	LVRC07	107	108	0.04	LVRC07	194	195	0.22
LVRC06	66	67	1.61	LVRC07	21	22	0.02	LVRC07	108	109	0.04	LVRC07	195	196	0.1
LVRC06	67	68	0.58	LVRC07	22	23	<0.01	LVRC07	109	110	0.06	LVRC07	196	197	0.15
LVRC06	68	69	0.81	LVRC07	23	24	<0.01	LVRC07	110	111	0.02	LVRC07	197	198	0.55
LVRC06	69	70	0.27	LVRC07	24	25	<0.01	LVRC07	111	112	0.09	LVRC07	198	199	0.43
LVRC06	70	71	0.44	LVRC07	25	26	<0.01	LVRC07	112	113	0.03	LVRC07	199	200	0.1
LVRC06	71	72	0.25	LVRC07	26	27	<0.01	LVRC07	113	114	0.03	LVRC07	200	201	0.13
LVRC06	72	73	0.22	LVRC07	27	28	0.01	LVRC07	114	115	0.01	LVRC07	201	202	0.14
LVRC06	73	74	0.39	LVRC07	28	29	<0.01	LVRC07	115	116	0.02	LVRC07	202	203	0.38
LVRC06	74	75	1.11	LVRC07	29	30	<0.01	LVRC07	116	117	0.09	LVRC07	203	204	0.39
LVRC06	75	76	1.75	LVRC07	30	31	<0.01	LVRC07	117	118	0.06	LVRC07	204	205	0.31
LVRC06	76	77	2.26	LVRC07	31	32	<0.01	LVRC07	118	119	0.26	LVRC07	205	206	0.06
LVRC06	77	78	0.85	LVRC07	32	33	<0.01	LVRC07	119	120	0.12	LVRC07	206	207	0.14
LVRC06	78	79	0.35	LVRC07	33	34	<0.01	LVRC07	120	121	0.03	LVRC07	207	208	0.02
LVRC06	79	80	0.2	LVRC07	34	35	<0.01	LVRC07	121	122	0.15	LVRC07	208	209	0.03
LVRC06	80	81	0.56	LVRC07	35	36	<0.01	LVRC07	122	123	0.2	LVRC07	209	210	0.03
LVRC06	81	82	0.74	LVRC07	36	37	<0.01	LVRC07	123	124	0.27	LVRC07	210	211	0.06
LVRC06	82	83	0.15	LVRC07	37	38	<0.01	LVRC07	124	125	0.09	LVRC07	211	212	0.06
LVRC06	83	84	0.36	LVRC07	38	39	<0.01	LVRC07	125	126	0.11	LVRC07	212	213	<0.01
LVRC06	84	85	0.19	LVRC07	39	40	<0.01	LVRC07	126	127	0.02	LVRC07	213	214	0.02
LVRC06	85	86	0.06	LVRC07	40	41	<0.01	LVRC07	127	128	0.05	LVRC07	214	215	0.01
LVRC06	86	87	0.25	LVRC07	41	42	<0.01	LVRC07	128	129	0.03	LVRC07	215	216	0.01
LVRC07	216	217	0.05	LVRC08	56	57	<0.01	LVRC08	148	149	<0.01	LVRC08	240	241	0.01
LVRC07	217	218	0.55	LVRC08	57	58	<0.01	LVRC08	149	150	<0.01	LVRC08	241	242	<0.01
LVRC07	218	219	2.59	LVRC08	58	59	2.88	LVRC08	150	151	0.01	LVRC08	242	243	<0.01
LVRC07	219	220	1.95	LVRC08	59	60	2.21	LVRC08	151	152	0.06	LVRC08	243	244	0.03
LVRC07	220	221	7.48	LVRC08	60	61	0.13	LVRC08	152	153	0.03	LVRC08	244	245	<0.01
LVRC07	221	222	0.54	LVRC08	61	62	0.09	LVRC08	153	154	0.02	LVRC08	245	246	0.01
LVRC07	222	223	0.05	LVRC08	62	63	0.37	LVRC08	154	155	0.02	LVRC08	246	247	0.01
LVRC07	223	224	0.2	LVRC08	63	64	<0.01	LVRC08	155	156	0.04	LVRC08	247	248	<0.01
LVRC07	224	225	0.03	LVRC08	64	65	0.07	LVRC08	156	157	0.03	LVRC08	248	249	0.03
LVRC07	225	226	0.05	LVRC08	65	66	0.13	LVRC08	157	158	0.04	LVRC08	249	250	<0.01
LVRC07	226	227	0.06	LVRC08	66	67	<0.01	LVRC08	158	159	0.04	LVRC08	250	251	<0.01
LVRC07	227	228	0.05	LVRC08	67	68	0.11	LVRC08	159	160	<0.01	LVRC08	251	252	<0.01
LVRC07	228	229	0.13	LVRC08	68	69	0.09	LVRC08	160	161	0.02	LVRC08	252	253	0.01
LVRC07	229	230	0.18	LVRC08	69	70	<0.01	LVRC08	161	162	0.09	LVRC08	253	254	0.01
LVRC07	230	231	0.15	LVRC08	70	71	0.06	LVRC08	162	163	0.03	LVRC08	254	255	0.02
LVRC07	231	232	0.04	LVRC08	71	72	<0.01	LVRC08	163	164	0.03	LVRC08	255	256	0.02
LVRC07	232	233	0.05	LVRC08	72	73	<0.01	LVRC08	164	165	0.02	LVRC08	256	257	<0.01
LVRC07	233	234	0.05	LVRC08	73	74	0.05	LVRC08	165	166	0.03	LVRC08	257	258	<0.01
LVRC07	234	235	0.37	LVRC08	74	75	0.48	LVRC08	166	167	0.02	LVRC09	0	1	0.02
LVRC07	235	236	0.39	LVRC08	75	76	0.14	LVRC08	167	168	0.07	LVRC09	1	2	0.02
LVRC07	236	237	0.4	LVRC08	76	77	0.04	LVRC08	168	169	0.08	LVRC09	2	3	<0.01
LVRC07	237	238	2.15	LVRC08	77	78	0.42	LVRC08	169	170	0.12	LVRC09	3	4	0.01
LVRC07	238	239	0.12	LVRC08	78	79	0.22	LVRC08	170	171	0.08	LVRC09	4	5	<0.01
LVRC07	239	240	0.02	LVRC08	79	80	0.16	LVRC08	171	172	0.3	LVRC09	5	6	<0.01
LVRC07	240	241	0.03	LVRC08	80	81	0.04	LVRC08	172	173	0.1	LVRC09	6	7	0.01
LVRC07	241	242	0.02	LVRC08	81	82	0.15	LVRC08	173	174	0.03	LVRC09	7	8	<0.01
LVRC07	242	243	0.06	LVRC08	82	83	0.55	LVRC08	174	175	0.04	LVRC09	8	9	<0.01
LVRC07	243	244	0.05	LVRC08	83	84	0.05	LVRC08	175	176	0.15	LVRC09	9	10	<0.01
LVRC07	244	245	0.01	LVRC08	84	85	0.03	LVRC08	176	177	0.09	LVRC09	10	11	<0.01
LVRC07	245	246	0.02	LVRC08	85	86	<0.01	LVRC08	177	178	0.11	LVRC09	11	12	0.01
LVRC07	246	247	<0.01	LVRC08	86	87	0.03	LVRC08	178	179	0.08	LVRC09	12	13	0.01
LVRC07	247	248	<0.01	LVRC08	87	88	0.1	LVRC08	179	180	0.12	LVRC09	13	14	0.02
LVRC07	248	249	0.02	LVRC08	88	89	0.04	LVRC08	180	181	0.25	LVRC09	14	15	<0.01
LVRC07	249	250	0.84	LVRC08	89	90	<0.01	LVRC08	181	182	0.03	LVRC09	15	16	<0.01
LVRC07	250	251	<0.01	LVRC08	90	91	0.06	LVRC08	182	183	0.03	LVRC09	16	17	<0.01
LVRC07	251	252	0.03	LVRC08	91	92	<0.01	LVRC08	183	184	0.03	LVRC09	17	18	<0.01
LVRC08	0	1	<0.01	LVRC08	92	93	0.08	LVRC08	184	185	0.07	LVRC09	18	19	<0.01
LVRC08	1	2	<0.01	LVRC08	93	94	0.15	LVRC08	185	186	0.07	LVRC09	19	20	<0.01
LVRC08	2	3	<0.01	LVRC08	94	95	<0.01	LVRC08	186	187	<0.01	LVRC09	20	21	<0.01
LVRC08	3	4	0.02	LVRC08	95	96	<0.01	LVRC08	187	188	0.11	LVRC09	21	22	<0.01
LVRC08	4	5	<0.01	LVRC08	96	97	<0.01	LVRC08	188	189	0.03	LVRC09	22	23	<0.01
LVRC08	5	6	<0.01	LVRC08	97	98	1.27	LVRC08	189	190	<0.01	LVRC09	23	24	<0.01
LVRC08	6	7	<0.01	LVRC08	98	99	2.16	LVRC08	190	191	0.04	LVRC09	24	25	<0.01
LVRC08	7	8	0.03	LVRC08	99	100	0.67	LVRC08	191	192	0.08	LVRC09	25	26	<0.01
LVRC08	8	9	0.04	LVRC08	100	101	0.82	LVRC08	192	193	0.11	LVRC09	26	27	<0.01
LVRC08	9	10	0.02	LVRC08	101	102	0.3	LVRC08	193	194	0.07	LVRC09	27	28	<0.01
LVRC08	10	11	<0.01	LVRC08	102	103	0.11	LVRC08	194	195	0.03	LVRC09	28	29	<0.01

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LVRC08	11	12	<0.01	LVRC08	103	104	0.2	LVRC08	195	196	0.02	LVRC09	29	30	<0.01
LVRC08	12	13	<0.01	LVRC08	104	105	0.25	LVRC08	196	197	<0.01	LVRC09	30	31	<0.01
LVRC08	13	14	<0.01	LVRC08	105	106	<0.01	LVRC08	197	198	0.02	LVRC09	31	32	<0.01
LVRC08	14	15	<0.01	LVRC08	106	107	<0.01	LVRC08	198	199	<0.01	LVRC09	32	33	<0.01
LVRC08	15	16	<0.01	LVRC08	107	108	<0.01	LVRC08	199	200	0.04	LVRC09	33	34	<0.01
LVRC08	16	17	<0.01	LVRC08	108	109	<0.01	LVRC08	200	201	0.01	LVRC09	34	35	<0.01
LVRC08	17	18	<0.01	LVRC08	109	110	2.58	LVRC08	201	202	0.04	LVRC09	35	36	<0.01
LVRC08	18	19	<0.01	LVRC08	110	111	2.05	LVRC08	202	203	<0.01	LVRC09	36	37	<0.01
LVRC08	19	20	<0.01	LVRC08	111	112	0.13	LVRC08	203	204	0.02	LVRC09	37	38	<0.01
LVRC08	20	21	<0.01	LVRC08	112	113	0.13	LVRC08	204	205	0.02	LVRC09	38	39	<0.01
LVRC08	21	22	0.03	LVRC08	113	114	0.05	LVRC08	205	206	<0.01	LVRC09	39	40	<0.01
LVRC08	22	23	<0.01	LVRC08	114	115	0.06	LVRC08	206	207	0.03	LVRC09	40	41	<0.01
LVRC08	23	24	<0.01	LVRC08	115	116	0.14	LVRC08	207	208	0.03	LVRC09	41	42	<0.01
LVRC08	24	25	<0.01	LVRC08	116	117	0.03	LVRC08	208	209	0.02	LVRC09	42	43	<0.01
LVRC08	25	26	<0.01	LVRC08	117	118	0.01	LVRC08	209	210	<0.01	LVRC09	43	44	<0.01
LVRC08	26	27	<0.01	LVRC08	118	119	<0.01	LVRC08	210	211	0.02	LVRC09	44	45	<0.01
LVRC08	27	28	<0.01	LVRC08	119	120	0.02	LVRC08	211	212	0.16	LVRC09	45	46	<0.01
LVRC08	28	29	<0.01	LVRC08	120	121	0.05	LVRC08	212	213	0.08	LVRC09	46	47	<0.01
LVRC08	29	30	<0.01	LVRC08	121	122	0.03	LVRC08	213	214	0.04	LVRC09	47	48	<0.01
LVRC08	30	31	<0.01	LVRC08	122	123	0.01	LVRC08	214	215	0.02	LVRC09	48	49	<0.01
LVRC08	31	32	<0.01	LVRC08	123	124	<0.01	LVRC08	215	216	0.04	LVRC09	49	50	<0.01
LVRC08	32	33	<0.01	LVRC08	124	125	<0.01	LVRC08	216	217	0.05	LVRC09	50	51	0.05
LVRC08	33	34	<0.01	LVRC08	125	126	0.04	LVRC08	217	218	0.07	LVRC09	51	52	<0.01
LVRC08	34	35	<0.01	LVRC08	126	127	0.02	LVRC08	218	219	0.09	LVRC09	52	53	<0.01
LVRC08	35	36	<0.01	LVRC08	127	128	<0.01	LVRC08	219	220	0.05	LVRC09	53	54	<0.01
LVRC08	36	37	<0.01	LVRC08	128	129	<0.01	LVRC08	220	221	<0.01	LVRC09	54	55	<0.01
LVRC08	37	38	<0.01	LVRC08	129	130	<0.01	LVRC08	221	222	0.03	LVRC09	55	56	0.09
LVRC08	38	39	<0.01	LVRC08	130	131	0.01	LVRC08	222	223	<0.01	LVRC09	56	57	0.18
LVRC08	39	40	<0.01	LVRC08	131	132	0.01	LVRC08	223	224	0.02	LVRC09	57	58	0.24
LVRC08	40	41	<0.01	LVRC08	132	133	0.03	LVRC08	224	225	0.01	LVRC09	58	59	0.23
LVRC08	41	42	<0.01	LVRC08	133	134	<0.01	LVRC08	225	226	0.1	LVRC09	59	60	0.03
LVRC08	42	43	<0.01	LVRC08	134	135	0.01	LVRC08	226	227	<0.01	LVRC09	60	61	0.15
LVRC08	43	44	<0.01	LVRC08	135	136	0.01	LVRC08	227	228	<0.01	LVRC09	61	62	0.31
LVRC08	44	45	<0.01	LVRC08	136	137	<0.01	LVRC08	228	229	0.01	LVRC09	62	63	0.87
LVRC08	45	46	<0.01	LVRC08	137	138	<0.01	LVRC08	229	230	<0.01	LVRC09	63	64	0.54
LVRC08	46	47	<0.01	LVRC08	138	139	<0.01	LVRC08	230	231	0.04	LVRC09	64	65	0.04
LVRC08	47	48	<0.01	LVRC08	139	140	0.02	LVRC08	231	232	0.02	LVRC09	65	66	0.07
LVRC08	48	49	<0.01	LVRC08	140	141	0.01	LVRC08	232	233	0.01	LVRC09	66	67	<0.01
LVRC08	49	50	<0.01	LVRC08	141	142	<0.01	LVRC08	233	234	<0.01	LVRC09	67	68	0.11
LVRC08	50	51	<0.01	LVRC08	142	143	<0.01	LVRC08	234	235	0.01	LVRC09	68	69	<0.01
LVRC08	51	52	0.01	LVRC08	143	144	<0.01	LVRC08	235	236	0.02	LVRC09	69	70	0.02
LVRC08	52	53	<0.01	LVRC08	144	145	0.06	LVRC08	236	237	0.01	LVRC09	70	71	0.07
LVRC08	53	54	<0.01	LVRC08	145	146	0.06	LVRC08	237	238	0.02	LVRC09	71	72	0.31
LVRC08	54	55	<0.01	LVRC08	146	147	0.03	LVRC08	238	239	0.02	LVRC09	72	73	0.36
LVRC08	55	56	<0.01	LVRC08	147	148	<0.01	LVRC08	239	240	0.02	LVRC09	73	74	0.03
LVRC09	74	75	<0.01	LVRC09	166	167	0.01	LVRC10	78	79	0.01	LVRC11	32	33	<0.01
LVRC09	75	76	0.22	LVRC09	167	168	<0.01	LVRC10	79	80	0.01	LVRC11	33	34	<0.01
LVRC09	76	77	0.22	LVRC09	168	169	<0.01	LVRC10	80	81	<0.01	LVRC11	34	35	<0.01
LVRC09	77	78	<0.01	LVRC09	169	170	<0.01	LVRC10	81	82	0.01	LVRC11	35	36	<0.01
LVRC09	78	79	0.38	LVRC09	170	171	<0.01	LVRC10	82	83	0.01	LVRC11	36	37	<0.01
LVRC09	79	80	0.44	LVRC09	171	172	<0.01	LVRC10	83	84	0.02	LVRC11	37	38	<0.01
LVRC09	80	81	0.03	LVRC09	172	173	<0.01	LVRC10	84	85	<0.01	LVRC11	38	39	<0.01
LVRC09	81	82	<0.01	LVRC09	173	174	<0.01	LVRC10	85	86	0.02	LVRC11	39	40	<0.01
LVRC09	82	83	0.18	LVRC09	174	175	<0.01	LVRC10	86	87	<0.01	LVRC11	40	41	<0.01
LVRC09	83	84	0.02	LVRC09	175	176	<0.01	LVRC10	87	88	<0.01	LVRC11	41	42	<0.01
LVRC09	84	85	<0.01	LVRC09	176	177	0.04	LVRC10	88	89	0.01	LVRC11	42	43	0.01
LVRC09	85	86	0.16	LVRC09	177	178	<0.01	LVRC10	89	90	<0.01	LVRC11	43	44	<0.01
LVRC09	86	87	0.12	LVRC09	178	179	<0.01	LVRC10	90	91	0.01	LVRC11	44	45	<0.01
LVRC09	87	88	0.32	LVRC09	179	180	0.01	LVRC10	91	92	0.02	LVRC11	45	46	<0.01
LVRC09	88	89	0.15	LVRC10	0	1	0.01	LVRC10	92	93	<0.01	LVRC11	46	47	<0.01
LVRC09	89	90	0.1	LVRC10	1	2	<0.01	LVRC10	93	94	0.02	LVRC11	47	48	0.01
LVRC09	90	91	0.08	LVRC10	2	3	<0.01	LVRC10	94	95	0.06	LVRC11	48	49	0.01
LVRC09	91	92	0.11	LVRC10	3	4	<0.01	LVRC10	95	96	0.02	LVRC11	49	50	<0.01
LVRC09	92	93	0.14	LVRC10	4	5	<0.01	LVRC10	96	97	0.04	LVRC11	50	51	<0.01
LVRC09	93	94	0.11	LVRC10	5	6	<0.01	LVRC10	97	98	0.02	LVRC11	51	52	<0.01
LVRC09	94	95	0.09	LVRC10	6	7	<0.01	LVRC10	98	99	0.05	LVRC11	52	53	<0.01
LVRC09	95	96	0.09	LVRC10	7	8	<0.01	LVRC10	99	100	0.04	LVRC11	53	54	<0.01
LVRC09	96	97	0.06	LVRC10	8	9	<0.01	LVRC10	100	101	0.03	LVRC11	54	55	<0.01
LVRC09	97	98	0.11	LVRC10	9	10	0.01	LVRC10	101	102	0.02	LVRC11	55	56	<0.01
LVRC09	98	99	0.06	LVRC10	10	11	<0.01	LVRC10	102	103	<0.01	LVRC11	56	57	<0.01
LVRC09	99	100	0.04	LVRC10	11	12	<0.01	LVRC10	103	104	0.03	LVRC11	57	58	<0.01
LVRC09	100	101	0.02	LVRC10	12	13	<0.01	LVRC10	104	105	0.07	LVRC11	58	59	<0.01
LVRC09	101	102	<0.01	LVRC10	13	14	<0.01	LVRC10	105	106	0.05	LVRC11	59	60	<0.01
LVRC09	102	103	<0.01	LVRC10	14	15	<0.01	LVRC10	106	107	0.04	LVRC11	60	61	0.01
LVRC09	103	104	0.01	LVRC10	15	16	0.01	LVRC10	107	108	0.04	LVRC11	61	62	0.01
LVRC09	104	105	0.06	LVRC10	16	17	<0.01	LVRC10	108	109	0.11	LVRC11	62	63	<0.01
LVRC09	105	106	<0.01	LVRC10	17	18	<0.01	LVRC10	109	110	0.04	LVRC11	63	64	0.51
LVRC09	106	107	0.03	LVRC10	18	19	<0.01	LVRC10	110	111	0.04	LVRC11	64	65	0.13

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LVRC09	107	108	0.03	LVRC10	19	20	<0.01	LVRC10	111	112	0.02	LVRC11	65	66	0.02
LVRC09	108	109	<0.01	LVRC10	20	21	<0.01	LVRC10	112	113	0.03	LVRC11	66	67	0.15
LVRC09	109	110	0.01	LVRC10	21	22	<0.01	LVRC10	113	114	0.07	LVRC11	67	68	<0.01
LVRC09	110	111	<0.01	LVRC10	22	23	<0.01	LVRC10	114	115	11.5	LVRC11	68	69	0.01
LVRC09	111	112	0.01	LVRC10	23	24	<0.01	LVRC10	115	116	0.44	LVRC11	69	70	0.02
LVRC09	112	113	<0.01	LVRC10	24	25	<0.01	LVRC10	116	117	0.39	LVRC11	70	71	0.08
LVRC09	113	114	<0.01	LVRC10	25	26	<0.01	LVRC10	117	118	0.42	LVRC11	71	72	0.17
LVRC09	114	115	<0.01	LVRC10	26	27	<0.01	LVRC10	118	119	0.8	LVRC11	72	73	0.03
LVRC09	115	116	0.01	LVRC10	27	28	<0.01	LVRC10	119	120	0.17	LVRC11	73	74	0.5
LVRC09	116	117	<0.01	LVRC10	28	29	<0.01	LVRC10	120	121	0.46	LVRC11	74	75	0.05
LVRC09	117	118	<0.01	LVRC10	29	30	<0.01	LVRC10	121	122	0.24	LVRC11	75	76	0.04
LVRC09	118	119	<0.01	LVRC10	30	31	<0.01	LVRC10	122	123	0.17	LVRC11	76	77	0.04
LVRC09	119	120	0.01	LVRC10	31	32	<0.01	LVRC10	123	124	0.13	LVRC11	77	78	0.04
LVRC09	120	121	<0.01	LVRC10	32	33	<0.01	LVRC10	124	125	0.2	LVRC11	78	79	0.01
LVRC09	121	122	<0.01	LVRC10	33	34	<0.01	LVRC10	125	126	0.12	LVRC11	79	80	<0.01
LVRC09	122	123	<0.01	LVRC10	34	35	<0.01	LVRC10	126	127	0.05	LVRC11	80	81	0.03
LVRC09	123	124	<0.01	LVRC10	35	36	<0.01	LVRC10	127	128	0.05	LVRC11	81	82	<0.01
LVRC09	124	125	<0.01	LVRC10	36	37	<0.01	LVRC10	128	129	0.05	LVRC11	82	83	<0.01
LVRC09	125	126	<0.01	LVRC10	37	38	<0.01	LVRC10	129	130	0.09	LVRC11	83	84	<0.01
LVRC09	126	127	0.01	LVRC10	38	39	<0.01	LVRC10	130	131	0.31	LVRC11	84	85	0.01
LVRC09	127	128	<0.01	LVRC10	39	40	<0.01	LVRC10	131	132	0.55	LVRC11	85	86	<0.01
LVRC09	128	129	<0.01	LVRC10	40	41	<0.01	LVRC10	132	133	0.04	LVRC11	86	87	0.03
LVRC09	129	130	<0.01	LVRC10	41	42	<0.01	LVRC10	133	134	0.02	LVRC11	87	88	<0.01
LVRC09	130	131	<0.01	LVRC10	42	43	<0.01	LVRC10	134	135	0.05	LVRC11	88	89	<0.01
LVRC09	131	132	0.01	LVRC10	43	44	<0.01	LVRC10	135	136	0.04	LVRC11	89	90	<0.01
LVRC09	132	133	<0.01	LVRC10	44	45	<0.01	LVRC10	136	137	0.03	LVRC11	90	91	<0.01
LVRC09	133	134	<0.01	LVRC10	45	46	<0.01	LVRC10	137	138	0.03	LVRC11	91	92	0.03
LVRC09	134	135	0.02	LVRC10	46	47	<0.01	LVRC11	0	1	<0.01	LVRC11	92	93	<0.01
LVRC09	135	136	0.06	LVRC10	47	48	<0.01	LVRC11	1	2	<0.01	LVRC11	93	94	0.04
LVRC09	136	137	0.01	LVRC10	48	49	<0.01	LVRC11	2	3	<0.01	LVRC11	94	95	0.06
LVRC09	137	138	0.03	LVRC10	49	50	<0.01	LVRC11	3	4	0.01	LVRC11	95	96	0.03
LVRC09	138	139	CAVITY	LVRC10	50	51	<0.01	LVRC11	4	5	<0.01	LVRC11	96	97	0.05
LVRC09	139	140	CAVITY	LVRC10	51	52	0.01	LVRC11	5	6	<0.01	LVRC11	97	98	<0.01
LVRC09	140	141	<0.01	LVRC10	52	53	<0.01	LVRC11	6	7	<0.01	LVRC11	98	99	<0.01
LVRC09	141	142	<0.01	LVRC10	53	54	<0.01	LVRC11	7	8	<0.01	LVRC11	99	100	0.35
LVRC09	142	143	<0.01	LVRC10	54	55	<0.01	LVRC11	8	9	<0.01	LVRC11	100	101	0.05
LVRC09	143	144	<0.01	LVRC10	55	56	<0.01	LVRC11	9	10	<0.01	LVRC11	101	102	<0.01
LVRC09	144	145	<0.01	LVRC10	56	57	<0.01	LVRC11	10	11	0.02	LVRC11	102	103	0.01
LVRC09	145	146	<0.01	LVRC10	57	58	<0.01	LVRC11	11	12	<0.01	LVRC11	103	104	0.5
LVRC09	146	147	0.01	LVRC10	58	59	<0.01	LVRC11	12	13	<0.01	LVRC11	104	105	0.12
LVRC09	147	148	<0.01	LVRC10	59	60	<0.01	LVRC11	13	14	<0.01	LVRC11	105	106	<0.01
LVRC09	148	149	<0.01	LVRC10	60	61	<0.01	LVRC11	14	15	<0.01	LVRC11	106	107	0.01
LVRC09	149	150	0.01	LVRC10	61	62	0.08	LVRC11	15	16	<0.01	LVRC11	107	108	<0.01
LVRC09	150	151	<0.01	LVRC10	62	63	0.06	LVRC11	16	17	<0.01	LVRC11	108	109	0.05
LVRC09	151	152	<0.01	LVRC10	63	64	0.02	LVRC11	17	18	<0.01	LVRC11	109	110	0.08
LVRC09	152	153	<0.01	LVRC10	64	65	0.14	LVRC11	18	19	<0.01	LVRC11	110	111	0.01
LVRC09	153	154	<0.01	LVRC10	65	66	0.17	LVRC11	19	20	<0.01	LVRC11	111	112	0.07
LVRC09	154	155	0.01	LVRC10	66	67	0.01	LVRC11	20	21	<0.01	LVRC11	112	113	0.03
LVRC09	155	156	<0.01	LVRC10	67	68	0.18	LVRC11	21	22	<0.01	LVRC11	113	114	<0.01
LVRC09	156	157	<0.01	LVRC10	68	69	0.12	LVRC11	22	23	<0.01	LVRC11	114	115	<0.01
LVRC09	157	158	<0.01	LVRC10	69	70	0.25	LVRC11	23	24	0.01	LVRC11	115	116	0.02
LVRC09	158	159	0.02	LVRC10	70	71	0.03	LVRC11	24	25	<0.01	LVRC11	116	117	0.01
LVRC09	159	160	<0.01	LVRC10	71	72	0.17	LVRC11	25	26	0.01	LVRC11	117	118	0.02
LVRC09	160	161	<0.01	LVRC10	72	73	0.05	LVRC11	26	27	<0.01	LVRC11	118	119	0.02
LVRC09	161	162	<0.01	LVRC10	73	74	0.07	LVRC11	27	28	<0.01	LVRC11	119	120	<0.01
LVRC09	162	163	0.01	LVRC10	74	75	0.08	LVRC11	28	29	<0.01	LVRC11	120	121	0.01
LVRC09	163	164	0.01	LVRC10	75	76	0.11	LVRC11	29	30	<0.01	LVRC11	121	122	<0.01
LVRC09	164	165	<0.01	LVRC10	76	77	0.03	LVRC11	30	31	0.09	LVRC11	122	123	0.01
LVRC09	165	166	<0.01	LVRC10	77	78	<0.01	LVRC11	31	32	<0.01	LVRC11	123	124	0.01
LVRC11	124	125	0.03	LVRC11	216	217	<0.01	LVRC12	56	57	<0.01	LVRC12	148	149	0.42
LVRC11	125	126	0.08	LVRC11	217	218	0.07	LVRC12	57	58	<0.01	LVRC12	149	150	0.04
LVRC11	126	127	<0.01	LVRC11	218	219	0.03	LVRC12	58	59	<0.01	LVRC12	150	151	0.03
LVRC11	127	128	<0.01	LVRC11	219	220	0.09	LVRC12	59	60	<0.01	LVRC12	151	152	<0.01
LVRC11	128	129	0.08	LVRC11	220	221	0.03	LVRC12	60	61	0.14	LVRC12	152	153	<0.01
LVRC11	129	130	0.04	LVRC11	221	222	0.01	LVRC12	61	62	0.42	LVRC12	153	154	0.01
LVRC11	130	131	0.03	LVRC11	222	223	0.25	LVRC12	62	63	0.31	LVRC12	154	155	<0.01
LVRC11	131	132	<0.01	LVRC11	223	224	0.15	LVRC12	63	64	0.15	LVRC12	155	156	1.44
LVRC11	132	133	0.01	LVRC11	224	225	0.26	LVRC12	64	65	0.05	LVRC13	0	1	<0.01
LVRC11	133	134	0.09	LVRC11	225	226	0.56	LVRC12	65	66	0.21	LVRC13	1	2	0.01
LVRC11	134	135	0.18	LVRC11	226	227	0.07	LVRC12	66	67	<0.01	LVRC13	2	3	<0.01
LVRC11	135	136	0.12	LVRC11	227	228	0.33	LVRC12	67	68	0.11	LVRC13	3	4	<0.01
LVRC11	136	137	0.11	LVRC11	228	229	0.16	LVRC12	68	69	0.09	LVRC13	4	5	<0.01
LVRC11	137	138	0.08	LVRC11	229	230	0.16	LVRC12	69	70	0.08	LVRC13	5	6	<0.01
LVRC11	138	139	0.1	LVRC11	230	231	0.17	LVRC12	70	71	0.1	LVRC13	6	7	<0.01
LVRC11	139	140	0.06	LVRC11	231	232	0.44	LVRC12	71	72	0.11	LVRC13	7	8	<0.01
LVRC11	140	141	0.02	LVRC11	232	233	0.07	LVRC12	72	73	0.03	LVRC13	8	9	<0.01
LVRC11	141	142	<0.01	LVRC11	233	234	0.15	LVRC12	73	74	0.02	LVRC13	9	10	<0.01
LVRC11	142	143	<0.01	LVRC11	234	235	0.21	LVRC12	74	75	<0.01	LVRC13	10	11	<0.01

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LVRC11	143	144	<0.01	LVRC11	235	236	0.04	LVRC12	75	76	0.04	LVRC13	11	12	<0.01
LVRC11	144	145	<0.01	LVRC11	236	237	0.09	LVRC12	76	77	<0.01	LVRC13	12	13	<0.01
LVRC11	145	146	0.17	LVRC11	237	238	0.08	LVRC12	77	78	<0.01	LVRC13	13	14	<0.01
LVRC11	146	147	<0.01	LVRC11	238	239	0.25	LVRC12	78	79	<0.01	LVRC13	14	15	<0.01
LVRC11	147	148	0.04	LVRC11	239	240	0.1	LVRC12	79	80	0.02	LVRC13	15	16	<0.01
LVRC11	148	149	0.2	LVRC11	240	241	0.19	LVRC12	80	81	0.2	LVRC13	16	17	<0.01
LVRC11	149	150	0.05	LVRC11	241	242	0.05	LVRC12	81	82	0.24	LVRC13	17	18	<0.01
LVRC11	150	151	0.07	LVRC11	242	243	0.02	LVRC12	82	83	0.12	LVRC13	18	19	<0.01
LVRC11	151	152	0.04	LVRC11	243	244	<0.01	LVRC12	83	84	0.05	LVRC13	19	20	<0.01
LVRC11	152	153	0.12	LVRC11	244	245	0.01	LVRC12	84	85	0.03	LVRC13	20	21	<0.01
LVRC11	153	154	0.04	LVRC11	245	246	<0.01	LVRC12	85	86	0.06	LVRC13	21	22	<0.01
LVRC11	154	155	0.04	LVRC11	246	247	0.01	LVRC12	86	87	0.09	LVRC13	22	23	<0.01
LVRC11	155	156	0.21	LVRC11	247	248	<0.01	LVRC12	87	88	0.1	LVRC13	23	24	<0.01
LVRC11	156	157	0.78	LVRC11	248	249	0.01	LVRC12	88	89	0.02	LVRC13	24	25	<0.01
LVRC11	157	158	1.1	LVRC11	249	250	0.07	LVRC12	89	90	0.05	LVRC13	25	26	<0.01
LVRC11	158	159	0.12	LVRC11	250	251	0.5	LVRC12	90	91	0.28	LVRC13	26	27	<0.01
LVRC11	159	160	0.06	LVRC11	251	252	0.01	LVRC12	91	92	0.06	LVRC13	27	28	<0.01
LVRC11	160	161	0.04	LVRC12	0	1	<0.01	LVRC12	92	93	0.07	LVRC13	28	29	<0.01
LVRC11	161	162	0.16	LVRC12	1	2	<0.01	LVRC12	93	94	2.26	LVRC13	29	30	<0.01
LVRC11	162	163	0.2	LVRC12	2	3	0.01	LVRC12	94	95	0.26	LVRC13	30	31	<0.01
LVRC11	163	164	0.05	LVRC12	3	4	<0.01	LVRC12	95	96	0.12	LVRC13	31	32	<0.01
LVRC11	164	165	0.04	LVRC12	4	5	<0.01	LVRC12	96	97	0.1	LVRC13	32	33	<0.01
LVRC11	165	166	0.05	LVRC12	5	6	<0.01	LVRC12	97	98	0.07	LVRC13	33	34	<0.01
LVRC11	166	167	0.05	LVRC12	6	7	<0.01	LVRC12	98	99	0.07	LVRC13	34	35	<0.01
LVRC11	167	168	0.59	LVRC12	7	8	<0.01	LVRC12	99	100	0.11	LVRC13	35	36	<0.01
LVRC11	168	169	0.1	LVRC12	8	9	<0.01	LVRC12	100	101	0.04	LVRC13	36	37	<0.01
LVRC11	169	170	0.08	LVRC12	9	10	<0.01	LVRC12	101	102	0.05	LVRC13	37	38	<0.01
LVRC11	170	171	0.06	LVRC12	10	11	0.01	LVRC12	102	103	0.02	LVRC13	38	39	<0.01
LVRC11	171	172	0.01	LVRC12	11	12	0.08	LVRC12	103	104	0.08	LVRC13	39	40	<0.01
LVRC11	172	173	0.01	LVRC12	12	13	0.01	LVRC12	104	105	0.02	LVRC13	40	41	<0.01
LVRC11	173	174	0.01	LVRC12	13	14	<0.01	LVRC12	105	106	0.06	LVRC13	41	42	<0.01
LVRC11	174	175	<0.01	LVRC12	14	15	0.01	LVRC12	106	107	0.06	LVRC13	42	43	0.93
LVRC11	175	176	0.04	LVRC12	15	16	<0.01	LVRC12	107	108	0.05	LVRC13	43	44	0.23
LVRC11	176	177	0.04	LVRC12	16	17	<0.01	LVRC12	108	109	0.11	LVRC13	44	45	0.3
LVRC11	177	178	0.07	LVRC12	17	18	0.04	LVRC12	109	110	1.83	LVRC13	45	46	0.11
LVRC11	178	179	0.04	LVRC12	18	19	<0.01	LVRC12	110	111	0.72	LVRC13	46	47	<0.01
LVRC11	179	180	0.04	LVRC12	19	20	<0.01	LVRC12	111	112	0.2	LVRC13	47	48	0.01
LVRC11	180	181	0.01	LVRC12	20	21	<0.01	LVRC12	112	113	0.28	LVRC13	48	49	0.02
LVRC11	181	182	0.09	LVRC12	21	22	<0.01	LVRC12	113	114	0.24	LVRC13	49	50	<0.01
LVRC11	182	183	0.04	LVRC12	22	23	0.01	LVRC12	114	115	0.04	LVRC13	50	51	0.04
LVRC11	183	184	0.1	LVRC12	23	24	<0.01	LVRC12	115	116	0.03	LVRC13	51	52	0.04
LVRC11	184	185	0.06	LVRC12	24	25	<0.01	LVRC12	116	117	0.03	LVRC13	52	53	0.04
LVRC11	185	186	0.06	LVRC12	25	26	<0.01	LVRC12	117	118	0.03	LVRC13	53	54	0.01
LVRC11	186	187	0.15	LVRC12	26	27	<0.01	LVRC12	118	119	1.76	LVRC13	54	55	<0.01
LVRC11	187	188	0.06	LVRC12	27	28	<0.01	LVRC12	119	120	0.16	LVRC13	55	56	<0.01
LVRC11	188	189	0.1	LVRC12	28	29	<0.01	LVRC12	120	121	1.08	LVRC13	56	57	<0.01
LVRC11	189	190	0.16	LVRC12	29	30	<0.01	LVRC12	121	122	0.33	LVRC13	57	58	<0.01
LVRC11	190	191	0.37	LVRC12	30	31	<0.01	LVRC12	122	123	0.33	LVRC13	58	59	0.03
LVRC11	191	192	0.7	LVRC12	31	32	<0.01	LVRC12	123	124	0.14	LVRC13	59	60	<0.01
LVRC11	192	193	0.22	LVRC12	32	33	<0.01	LVRC12	124	125	0.13	LVRC13	60	61	<0.01
LVRC11	193	194	0.62	LVRC12	33	34	<0.01	LVRC12	125	126	0.14	LVRC13	61	62	<0.01
LVRC11	194	195	0.05	LVRC12	34	35	<0.01	LVRC12	126	127	0.01	LVRC13	62	63	<0.01
LVRC11	195	196	0.03	LVRC12	35	36	<0.01	LVRC12	127	128	0.46	LVRC13	63	64	<0.01
LVRC11	196	197	0.07	LVRC12	36	37	<0.01	LVRC12	128	129	0.3	LVRC13	64	65	0.03
LVRC11	197	198	0.14	LVRC12	37	38	<0.01	LVRC12	129	130	0.18	LVRC13	65	66	0.03
LVRC11	198	199	0.1	LVRC12	38	39	<0.01	LVRC12	130	131	0.34	LVRC13	66	67	<0.01
LVRC11	199	200	0.08	LVRC12	39	40	<0.01	LVRC12	131	132	0.17	LVRC13	67	68	0.04
LVRC11	200	201	0.05	LVRC12	40	41	<0.01	LVRC12	132	133	0.08	LVRC13	68	69	<0.01
LVRC11	201	202	0.16	LVRC12	41	42	<0.01	LVRC12	133	134	0.03	LVRC13	69	70	<0.01
LVRC11	202	203	0.18	LVRC12	42	43	<0.01	LVRC12	134	135	0.03	LVRC13	70	71	<0.01
LVRC11	203	204	0.06	LVRC12	43	44	<0.01	LVRC12	135	136	0.19	LVRC13	71	72	<0.01
LVRC11	204	205	<0.01	LVRC12	44	45	0.16	LVRC12	136	137	0.02	LVRC13	72	73	<0.01
LVRC11	205	206	0.1	LVRC12	45	46	0.1	LVRC12	137	138	0.02	LVRC13	73	74	<0.01
LVRC11	206	207	0.06	LVRC12	46	47	0.02	LVRC12	138	139	0.18	LVRC13	74	75	<0.01
LVRC11	207	208	0.04	LVRC12	47	48	0.02	LVRC12	139	140	0.06	LVRC13	75	76	<0.01
LVRC11	208	209	0.03	LVRC12	48	49	2.53	LVRC12	140	141	0.03	LVRC13	76	77	<0.01
LVRC11	209	210	<0.01	LVRC12	49	50	3.73	LVRC12	141	142	0.03	LVRC13	77	78	<0.01
LVRC11	210	211	<0.01	LVRC12	50	51	0.12	LVRC12	142	143	0.02	LVRC13	78	79	<0.01
LVRC11	211	212	0.05	LVRC12	51	52	0.06	LVRC12	143	144	<0.01	LVRC13	79	80	<0.01
LVRC11	212	213	0.16	LVRC12	52	53	0.08	LVRC12	144	145	1.14	LVRC13	80	81	<0.01
LVRC11	213	214	0.06	LVRC12	53	54	0.01	LVRC12	145	146	0.11	LVRC13	81	82	<0.01
LVRC11	214	215	0.16	LVRC12	54	55	0.06	LVRC12	146	147	0.1	LVRC13	82	83	<0.01
LVRC11	215	216	0.03	LVRC12	55	56	0.01	LVRC12	147	148	0.04	LVRC13	83	84	<0.01
LVRC13	84	85	<0.01	LVRC14	14	15	0.01	LVRC14	106	107	0.19	LVRC15	48	49	0.02
LVRC13	85	86	<0.01	LVRC14	15	16	0.01	LVRC14	107	108	0.35	LVRC15	49	50	0.03
LVRC13	86	87	<0.01	LVRC14	16	17	0.01	LVRC14	108	109	0.06	LVRC15	50	51	0.02
LVRC13	87	88	<0.01	LVRC14	17	18	0.01	LVRC14	109	110	0.06	LVRC15	51	52	0.04
LVRC13	88	89	<0.01	LVRC14	18	19	0.03	LVRC14	110	111	0.07	LVRC15	52	53	0.01

LVRC13	89	90	<0.01	LVRC14	19	20	0.01	LVRC14	111	112	0.06	LVRC15	53	54	<0.01
LVRC13	90	91	<0.01	LVRC14	20	21	<0.01	LVRC14	112	113	0.42	LVRC15	54	55	0.01
LVRC13	91	92	<0.01	LVRC14	21	22	<0.01	LVRC14	113	114	0.65	LVRC15	55	56	<0.01
LVRC13	92	93	<0.01	LVRC14	22	23	0.03	LVRC14	114	115	0.4	LVRC15	56	57	0.01
LVRC13	93	94	<0.01	LVRC14	23	24	<0.01	LVRC14	115	116	0.1	LVRC15	57	58	0.01
LVRC13	94	95	<0.01	LVRC14	24	25	<0.01	LVRC14	116	117	0.06	LVRC15	58	59	<0.01
LVRC13	95	96	<0.01	LVRC14	25	26	0.01	LVRC14	117	118	0.09	LVRC15	59	60	0.01
LVRC13	96	97	<0.01	LVRC14	26	27	<0.01	LVRC14	118	119	0.07	LVRC15	60	61	0.01
LVRC13	97	98	<0.01	LVRC14	27	28	<0.01	LVRC14	119	120	0.06	LVRC15	61	62	0.02
LVRC13	98	99	<0.01	LVRC14	28	29	<0.01	LVRC14	120	121	0.04	LVRC15	62	63	0.01
LVRC13	99	100	<0.01	LVRC14	29	30	<0.01	LVRC14	121	122	0.02	LVRC15	63	64	<0.01
LVRC13	100	101	<0.01	LVRC14	30	31	<0.01	LVRC14	122	123	0.06	LVRC15	64	65	<0.01
LVRC13	101	102	<0.01	LVRC14	31	32	<0.01	LVRC14	123	124	0.04	LVRC15	65	66	<0.01
LVRC13	102	103	<0.01	LVRC14	32	33	<0.01	LVRC14	124	125	0.39	LVRC15	66	67	0.01
LVRC13	103	104	<0.01	LVRC14	33	34	<0.01	LVRC14	125	126	0.18	LVRC15	67	68	0.09
LVRC13	104	105	0.02	LVRC14	34	35	<0.01	LVRC14	126	127	0.01	LVRC15	68	69	0.25
LVRC13	105	106	<0.01	LVRC14	35	36	<0.01	LVRC14	127	128	0.08	LVRC15	69	70	0.29
LVRC13	106	107	<0.01	LVRC14	36	37	<0.01	LVRC14	128	129	0.28	LVRC15	70	71	0.05
LVRC13	107	108	<0.01	LVRC14	37	38	<0.01	LVRC14	129	130	0.14	LVRC15	71	72	0.22
LVRC13	108	109	<0.01	LVRC14	38	39	<0.01	LVRC14	130	131	0.14	LVRC15	72	73	0.22
LVRC13	109	110	<0.01	LVRC14	39	40	<0.01	LVRC14	131	132	0.19	LVRC15	73	74	0.36
LVRC13	110	111	<0.01	LVRC14	40	41	0.01	LVRC14	132	133	0.08	LVRC15	74	75	0.81
LVRC13	111	112	<0.01	LVRC14	41	42	0.01	LVRC14	133	134	0.02	LVRC15	75	76	0.37
LVRC13	112	113	<0.01	LVRC14	42	43	0.86	LVRC14	134	135	0.02	LVRC15	76	77	0.56
LVRC13	113	114	<0.01	LVRC14	43	44	0.09	LVRC14	135	136	0.29	LVRC15	77	78	0.19
LVRC13	114	115	<0.01	LVRC14	44	45	0.42	LVRC14	136	137	1.11	LVRC15	78	79	0.56
LVRC13	115	116	0.03	LVRC14	45	46	0.13	LVRC14	137	138	0.76	LVRC15	79	80	0.1
LVRC13	116	117	0.05	LVRC14	46	47	0.07	LVRC14	138	139	0.16	LVRC15	80	81	0.1
LVRC13	117	118	0.22	LVRC14	47	48	0.08	LVRC14	139	140	0.5	LVRC15	81	82	0.35
LVRC13	118	119	0.04	LVRC14	48	49	0.03	LVRC14	140	141	0.23	LVRC15	82	83	0.11
LVRC13	119	120	0.06	LVRC14	49	50	0.03	LVRC14	141	142	0.19	LVRC15	83	84	0.35
LVRC13	120	121	<0.01	LVRC14	50	51	0.03	LVRC14	142	143	0.11	LVRC15	84	85	0.51
LVRC13	121	122	0.01	LVRC14	51	52	0.03	LVRC14	143	144	0.03	LVRC15	85	86	0.12
LVRC13	122	123	0.02	LVRC14	52	53	0.04	LVRC14	144	145	0.04	LVRC15	86	87	0.56
LVRC13	123	124	0.02	LVRC14	53	54	0.02	LVRC14	145	146	0.03	LVRC15	87	88	0.16
LVRC13	124	125	0.1	LVRC14	54	55	0.04	LVRC14	146	147	0.01	LVRC15	88	89	0.13
LVRC13	125	126	0.03	LVRC14	55	56	0.06	LVRC14	147	148	0.03	LVRC15	89	90	0.09
LVRC13	126	127	0.03	LVRC14	56	57	0.04	LVRC14	148	149	<0.01	LVRC15	90	91	0.04
LVRC13	127	128	0.13	LVRC14	57	58	0.04	LVRC14	149	150	<0.01	LVRC15	91	92	0.08
LVRC13	128	129	0.11	LVRC14	58	59	0.07	LVRC15	0	1	<0.01	LVRC15	92	93	0.15
LVRC13	129	130	0.05	LVRC14	59	60	<0.01	LVRC15	1	2	<0.01	LVRC15	93	94	0.06
LVRC13	130	131	0.03	LVRC14	60	61	0.03	LVRC15	2	3	<0.01	LVRC15	94	95	<0.01
LVRC13	131	132	0.02	LVRC14	61	62	0.02	LVRC15	3	4	<0.01	LVRC15	95	96	0.04
LVRC13	132	133	0.06	LVRC14	62	63	0.02	LVRC15	4	5	<0.01	LVRC15	96	97	0.03
LVRC13	133	134	0.03	LVRC14	63	64	0.02	LVRC15	5	6	<0.01	LVRC15	97	98	0.03
LVRC13	134	135	0.05	LVRC14	64	65	0.05	LVRC15	6	7	0.01	LVRC15	98	99	0.02
LVRC13	135	136	0.03	LVRC14	65	66	0.08	LVRC15	7	8	0.01	LVRC15	99	100	0.02
LVRC13	136	137	0.03	LVRC14	66	67	0.06	LVRC15	8	9	<0.01	LVRC15	100	101	0.02
LVRC13	137	138	0.05	LVRC14	67	68	0.03	LVRC15	9	10	0.11	LVRC15	101	102	0.01
LVRC13	138	139	0.01	LVRC14	68	69	0.03	LVRC15	10	11	0.01	LVRC15	102	103	<0.01
LVRC13	139	140	0.02	LVRC14	69	70	0.04	LVRC15	11	12	0.03	LVRC15	103	104	<0.01
LVRC13	140	141	0.39	LVRC14	70	71	0.03	LVRC15	12	13	0.12	LVRC15	104	105	<0.01
LVRC13	141	142	<0.01	LVRC14	71	72	0.07	LVRC15	13	14	0.08	LVRC15	105	106	0.04
LVRC13	142	143	0.02	LVRC14	72	73	0.02	LVRC15	14	15	0.06	LVRC15	106	107	0.03
LVRC13	143	144	0.02	LVRC14	73	74	0.02	LVRC15	15	16	0.04	LVRC15	107	108	0.04
LVRC13	144	145	<0.01	LVRC14	74	75	0.35	LVRC15	16	17	<0.01	LVRC15	108	109	0.03
LVRC13	145	146	<0.01	LVRC14	75	76	0.01	LVRC15	17	18	<0.01	LVRC15	109	110	0.05
LVRC13	146	147	0.02	LVRC14	76	77	0.01	LVRC15	18	19	<0.01	LVRC15	110	111	0.04
LVRC13	147	148	0.02	LVRC14	77	78	0.01	LVRC15	19	20	0.01	LVRC15	111	112	0.05
LVRC13	148	149	0.01	LVRC14	78	79	0.01	LVRC15	20	21	<0.01	LVRC15	112	113	0.1
LVRC13	149	150	0.02	LVRC14	79	80	0.01	LVRC15	21	22	<0.01	LVRC15	113	114	0.1
LVRC13	150	151	0.02	LVRC14	80	81	0.03	LVRC15	22	23	0.01	LVRC15	114	115	0.08
LVRC13	151	152	0.02	LVRC14	81	82	0.02	LVRC15	23	24	<0.01	LVRC15	115	116	0.11
LVRC13	152	153	0.06	LVRC14	82	83	0.05	LVRC15	24	25	<0.01	LVRC15	116	117	0.24
LVRC13	153	154	0.01	LVRC14	83	84	0.04	LVRC15	25	26	<0.01	LVRC15	117	118	0.08
LVRC13	154	155	0.05	LVRC14	84	85	0.05	LVRC15	26	27	<0.01	LVRC15	118	119	0.13
LVRC13	155	156	0.05	LVRC14	85	86	1.06	LVRC15	27	28	<0.01	LVRC15	119	120	0.08
LVRC13	156	157	0.02	LVRC14	86	87	0.27	LVRC15	28	29	<0.01	LVRC15	120	121	0.08
LVRC13	157	158	0.02	LVRC14	87	88	0.05	LVRC15	29	30	<0.01	LVRC15	121	122	0.06
LVRC13	158	159	0.02	LVRC14	88	89	0.03	LVRC15	30	31	<0.01	LVRC15	122	123	0.05
LVRC13	159	160	0.01	LVRC14	89	90	0.03	LVRC15	31	32	<0.01	LVRC15	123	124	0.05
LVRC13	160	161	0.01	LVRC14	90	91	<0.01	LVRC15	32	33	<0.01	LVRC15	124	125	0.05
LVRC13	161	162	<0.01	LVRC14	91	92	0.01	LVRC15	33	34	0.11	LVRC15	125	126	0.21
LVRC14	0	1	0.01	LVRC14	92	93	0.05	LVRC15	34	35	<0.01	LVRC15	126	127	0.05
LVRC14	1	2	<0.01	LVRC14	93	94	0.39	LVRC15	35	36	<0.01	LVRC15	127	128	0.03
LVRC14	2	3	0.01	LVRC14	94	95	0.19	LVRC15	36	37	<0.01	LVRC15	128	129	0.08
LVRC14	3	4	0.01	LVRC14	95	96	0.08	LVRC15	37	38	0.03	LVRC15	129	130	0.05
LVRC14	4	5	0.01	LVRC14	96	97	0.06	LVRC15	38	39	0.04	LVRC15	130	131	0.06

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LVRC14	5	6	0.01	LVRC14	97	98	0.02	LVRC15	39	40	0.01	LVRC15	131	132	0.11
LVRC14	6	7	<0.01	LVRC14	98	99	0.15	LVRC15	40	41	0.01	LVRC15	132	133	0.09
LVRC14	7	8	0.02	LVRC14	99	100	0.04	LVRC15	41	42	0.01	LVRC15	133	134	0.23
LVRC14	8	9	0.01	LVRC14	100	101	0.03	LVRC15	42	43	0.02	LVRC15	134	135	0.25
LVRC14	9	10	0.02	LVRC14	101	102	0.17	LVRC15	43	44	0.01	LVRC15	135	136	0.09
LVRC14	10	11	<0.01	LVRC14	102	103	0.21	LVRC15	44	45	0.04	LVRC15	136	137	0.05
LVRC14	11	12	0.08	LVRC14	103	104	0.05	LVRC15	45	46	0.09	LVRC15	137	138	0.12
LVRC14	12	13	<0.01	LVRC14	104	105	0.04	LVRC15	46	47	0.06	LVRC15	138	139	<0.01
LVRC14	13	14	<0.01	LVRC14	105	106	0.17	LVRC15	47	48	0.04	LVRC15	139	140	0.09
LVRC15	140	141	0.09	LVRC16	76	77	<0.01	LVRC16	168	169	0.01				
LVRC15	141	142	0.07	LVRC16	77	78	<0.01	LVRC16	169	170	0.01				
LVRC15	142	143	0.11	LVRC16	78	79	<0.01	LVRC16	170	171	0.01				
LVRC15	143	144	0.04	LVRC16	79	80	<0.01	LVRC16	171	172	<0.01				
LVRC15	144	145	0.03	LVRC16	80	81	<0.01	LVRC16	172	173	<0.01				
LVRC15	145	146	0.03	LVRC16	81	82	0.05	LVRC16	173	174	<0.01				
LVRC15	146	147	0.41	LVRC16	82	83	0.01	LVRC16	174	175	<0.01				
LVRC15	147	148	0.09	LVRC16	83	84	0.03	LVRC16	175	176	<0.01				
LVRC15	148	149	0.09	LVRC16	84	85	0.01	LVRC16	176	177	0.01				
LVRC15	149	150	3.15	LVRC16	85	86	<0.01	LVRC16	177	178	<0.01				
LVRC15	150	151	0.19	LVRC16	86	87	0.01	LVRC16	178	179	0.01				
LVRC15	151	152	0.05	LVRC16	87	88	0.01	LVRC16	179	180	0.01				
LVRC15	152	153	0.3	LVRC16	88	89	<0.01	LVRC16	180	181	<0.01				
LVRC15	153	154	0.03	LVRC16	89	90	0.01	LVRC16	181	182	<0.01				
LVRC15	154	155	0.08	LVRC16	90	91	0.01	LVRC16	182	183	<0.01				
LVRC15	155	156	0.03	LVRC16	91	92	0.01	LVRC16	183	184	<0.01				
LVRC16	0	1	<0.01	LVRC16	92	93	<0.01	LVRC16	184	185	<0.01				
LVRC16	1	2	<0.01	LVRC16	93	94	0.01	LVRC16	185	186	<0.01				
LVRC16	2	3	<0.01	LVRC16	94	95	<0.01	LVRC16	186	187	<0.01				
LVRC16	3	4	<0.01	LVRC16	95	96	<0.01	LVRC16	187	188	0.01				
LVRC16	4	5	<0.01	LVRC16	96	97	<0.01	LVRC16	188	189	<0.01				
LVRC16	5	6	0.01	LVRC16	97	98	<0.01	LVRC16	189	190	<0.01				
LVRC16	6	7	<0.01	LVRC16	98	99	<0.01	LVRC16	190	191	<0.01				
LVRC16	7	8	<0.01	LVRC16	99	100	<0.01	LVRC16	191	192	<0.01				
LVRC16	8	9	<0.01	LVRC16	100	101	0.01	LVRC16	192	193	0.01				
LVRC16	9	10	0.01	LVRC16	101	102	<0.01	LVRC16	193	194	<0.01				
LVRC16	10	11	0.04	LVRC16	102	103	<0.01	LVRC16	194	195	0.01				
LVRC16	11	12	<0.01	LVRC16	103	104	<0.01	LVRC16	195	196	<0.01				
LVRC16	12	13	0.01	LVRC16	104	105	<0.01	LVRC16	196	197	<0.01				
LVRC16	13	14	<0.01	LVRC16	105	106	<0.01	LVRC16	197	198	<0.01				
LVRC16	14	15	<0.01	LVRC16	106	107	<0.01	LVRC16	198	199	<0.01				
LVRC16	15	16	<0.01	LVRC16	107	108	<0.01	LVRC16	199	200	<0.01				
LVRC16	16	17	<0.01	LVRC16	108	109	<0.01	LVRC16	200	201	<0.01				
LVRC16	17	18	<0.01	LVRC16	109	110	<0.01	LVRC16	201	202	<0.01				
LVRC16	18	19	<0.01	LVRC16	110	111	<0.01	LVRC16	202	203	<0.01				
LVRC16	19	20	<0.01	LVRC16	111	112	<0.01	LVRC16	203	204	<0.01				
LVRC16	20	21	<0.01	LVRC16	112	113	<0.01								
LVRC16	21	22	<0.01	LVRC16	113	114	<0.01								
LVRC16	22	23	<0.01	LVRC16	114	115	<0.01								
LVRC16	23	24	<0.01	LVRC16	115	116	<0.01								
LVRC16	24	25	<0.01	LVRC16	116	117	<0.01								
LVRC16	25	26	0.01	LVRC16	117	118	<0.01								
LVRC16	26	27	0.01	LVRC16	118	119	<0.01								
LVRC16	27	28	0.03	LVRC16	119	120	0.02								
LVRC16	28	29	<0.01	LVRC16	120	121	<0.01								
LVRC16	29	30	<0.01	LVRC16	121	122	<0.01								
LVRC16	30	31	0.01	LVRC16	122	123	<0.01								
LVRC16	31	32	<0.01	LVRC16	123	124	<0.01								
LVRC16	32	33	<0.01	LVRC16	124	125	<0.01								
LVRC16	33	34	<0.01	LVRC16	125	126	<0.01								
LVRC16	34	35	0.08	LVRC16	126	127	0.01								
LVRC16	35	36	0.05	LVRC16	127	128	<0.01								
LVRC16	36	37	<0.01	LVRC16	128	129	<0.01								
LVRC16	37	38	<0.01	LVRC16	129	130	<0.01								
LVRC16	38	39	<0.01	LVRC16	130	131	<0.01								
LVRC16	39	40	<0.01	LVRC16	131	132	0.01								
LVRC16	40	41	<0.01	LVRC16	132	133	<0.01								
LVRC16	41	42	0.01	LVRC16	133	134	<0.01								
LVRC16	42	43	0.01	LVRC16	134	135	<0.01								
LVRC16	43	44	<0.01	LVRC16	135	136	<0.01								
LVRC16	44	45	<0.01	LVRC16	136	137	<0.01								
LVRC16	45	46	<0.01	LVRC16	137	138	<0.01								
LVRC16	46	47	0.01	LVRC16	138	139	<0.01								
LVRC16	47	48	<0.01	LVRC16	139	140	0.01								
LVRC16	48	49	<0.01	LVRC16	140	141	0.01								
LVRC16	49	50	0.01	LVRC16	141	142	<0.01								
LVRC16	50	51	0.01	LVRC16	142	143	<0.01								
LVRC16	51	52	<0.01	LVRC16	143	144	<0.01								
LVRC16	52	53	<0.01	LVRC16	144	145	<0.01								

LVRC16	53	54	0.01	LVRC16	145	146	<0.01
LVRC16	54	55	0.01	LVRC16	146	147	<0.01
LVRC16	55	56	0.01	LVRC16	147	148	<0.01
LVRC16	56	57	<0.01	LVRC16	148	149	0.01
LVRC16	57	58	0.01	LVRC16	149	150	<0.01
LVRC16	58	59	0.01	LVRC16	150	151	<0.01
LVRC16	59	60	0.01	LVRC16	151	152	<0.01
LVRC16	60	61	<0.01	LVRC16	152	153	0.01
LVRC16	61	62	0.01	LVRC16	153	154	<0.01
LVRC16	62	63	0.01	LVRC16	154	155	0.01
LVRC16	63	64	<0.01	LVRC16	155	156	<0.01
LVRC16	64	65	<0.01	LVRC16	156	157	<0.01
LVRC16	65	66	<0.01	LVRC16	157	158	<0.01
LVRC16	66	67	0.23	LVRC16	158	159	<0.01
LVRC16	67	68	0.14	LVRC16	159	160	<0.01
LVRC16	68	69	0.02	LVRC16	160	161	<0.01
LVRC16	69	70	0.2	LVRC16	161	162	<0.01
LVRC16	70	71	0.48	LVRC16	162	163	<0.01
LVRC16	71	72	0.27	LVRC16	163	164	<0.01
LVRC16	72	73	0.01	LVRC16	164	165	<0.01
LVRC16	73	74	0.01	LVRC16	165	166	<0.01
LVRC16	74	75	0.07	LVRC16	166	167	<0.01
LVRC16	75	76	0.02	LVRC16	167	168	0.02

### Appendix 3. 2025 RC Collar Details.

Hole Id	Type	East (GDA94z51)	North (GDA94z51)	Elev (m)	Dip (°)	Azimuth (°)	Max. Depth (m)
LVRC06	RC	453707	6810851	430	-60	275	132
LVRC07	RC	453792	6810853	430	-60	271	252
LVRC08	RC	453902	6810849	430	-60	272	258
LVRC09	RC	453738	6810801	430	-60	274	180
LVRC10	RC	453802	6810796	429	-60	268	139
LVRC11	RC	453799	6810905	430	-60	272	252
LVRC12	RC	453719	6810899	430	-60	272	156
LVRC13	RC	453776	6810943	429	-60	272	162
LVRC14	RC	453715	6810951	429	-60	270	150
LVRC15	RC	453826	6810745	429	-60	271	156
LVRC16	RC	453755	6810746	430	-60	270	204

### JORC Code, 2012 Edition – Table 1 – Laverton (RC September 2025)

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma</li> </ul>	<ul style="list-style-type: none"> <li>Catalina Resources completed 11 RC holes for 2040 m near Mt Weld, Laverton over the period 12<sup>th</sup> to the 30<sup>th</sup> of September 2025.</li> <li>Drilling was supervised and samples collected by geologists from Apex Geoscience which is an independent geological consultancy.</li> </ul>

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	<p><i>sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <ul style="list-style-type: none"> <li>• <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> <li>• <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li>• <i>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.</i></li> </ul>
<p><b>Drilling techniques</b></p>	<ul style="list-style-type: none"> <li>• <i>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</i></li> <li>• Drill samples were collected by Reverse Circulation (RC) drilling. Drill hole details are provided in Appendix 1.</li> <li>• RC drilling was used to obtain 1m samples using a Meztke Cone Splitter in calico bags and weighing 2 to 3 kg each. All samples were delivered to the Bureau Veritas (BV) Labs in Kalgoorlie.</li> <li>• In the lab, each sample was weighed, sorted and dried and then pulverised to 80% passing 75 µ. A 30-gram split was obtained for fire assay for the gold analysis.</li> <li>• The samples are considered to effectively represent the drilling at the point of collection. Sampling included Catalina Resources standard QAQC procedures.</li> <li>• Quality control of the assaying comprised the collection of a duplicate samples every hole, along with regular insertion of industry (OREAS) standards (certified reference material) and blanks.</li> <li>• All assay results have been returned.</li> <li>• Reverse Circulation (RC) drilling was performed by BWE Drilling from Perth, using a 5.25-inch diameter drill bit with 6 m length drill rods with automatic rod handlers. Holes were drilled at an angle of -60°.</li> <li>• Rig was a track mounted drill rig with onboard compressor rated at 1300 cfm/500 psi and a booster compressor.</li> </ul>

<p><i>oriented and if so, by what method, etc).</i></p>	<ul style="list-style-type: none"> <li>• RC drilling produces dry rock chips, as large capacity air compressors dry the rock out ahead of the advancing drill bit.</li> <li>• Downhole Surveys employed a downhole Gyro making readings every 5m.</li> </ul>
<p><b>Drill sample recovery</b></p> <ul style="list-style-type: none"> <li>• <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> <li>• <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Sample recovery was assessed visually via the sample size collected into the calico bags. Recovery was usually 80-90% but was lower (50%) in wet samples.</li> <li>• Sample recovery and condition was noted for every metre.</li> <li>• Ground water (not salty) caused wet samples occasionally, so splitting of the sample was not possible.</li> <li>• In ground sumps were dug prior to drilling commencing, to collect the excess groundwater expelled by the rig.</li> <li>• Catalina Resources does not anticipate any sample bias from loss/gain of material from the drill rig cyclone.</li> </ul>
<p><b>Logging</b></p> <ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></li> <li>• <i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<ul style="list-style-type: none"> <li>• RC drill holes were logged for various geological attributes, including colour, lithology, oxidation, alteration, mineralization and veining. All holes were logged in full by geologists from Apex Geoscience.</li> <li>• No geotechnical logging was possible as the RC drilling method does not allow RQD recording.</li> <li>• Geological logging was qualitative at 1m intervals and was recorded at the sample depth.</li> <li>• Representative 1m samples weighing 20 gms were collected and placed into plastic chip trays for later reference.</li> <li>• The recording was done at a level commensurate with the early stage of exploration.</li> </ul>

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<p><b>Sub-sampling techniques and sample preparation</b></p>	<ul style="list-style-type: none"> <li>• <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li>• <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> <li>• <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li>• <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li>• <i>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.</i></li> <li>• <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<ul style="list-style-type: none"> <li>• N/A</li> <li>• Dry and wet drill samples were collected at the drill collar. After passing through the sample hose and into the drill cyclone the samples pass through a riffle splitter to homogenise the sample and to nullify the effects of particulate gold. After splitting, the sample was collected in a calico bag, ready for assaying.</li> <li>• All samples were delivered to the Bureau Veritas (BV) Labs in Kalgoorlie for drying, crushing, pulverising and assay.</li> <li>• The samples are considered to effectively represent the rock at the point of collection. Sampling included Catalina Resources standard QAQC procedures. Quality Control on the RC drill rig included insertion of duplicate samples (4%) to test lab repeatability, insertion of standards (5%) to verify lab assay accuracy and cleaning and inspection of sample assembly. A standard or duplicate was inserted every 20<sup>th</sup> to 25<sup>th</sup> sample.</li> <li>• The sample sizes and analysis size are considered appropriate to correctly represent the mineralisation based on the style of mineralization, sampling methodology and assay value ranges for the commodities of interest.</li> <li>• All samples collected from drilling weighed between 2 -3 kg's. At the laboratory the sample was split down to a representative sample weighing 30 grams to be assayed.</li> </ul>
<p><b>Quality of assay data and laboratory tests</b></p>	<ul style="list-style-type: none"> <li>• <i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All samples were delivered to the Bureau Veritas (BV) Labs in Kalgoorlie for drying, crushing, pulverising and assay.</li> <li>• Analysis details: BV method FA1 (Fire Assay Au) in Kalgoorlie.</li> <li>• The assay method and laboratory procedures were appropriate for</li> </ul>

- 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.

this style of mineralization. The fire assay technique for the RC chips were designed to return precise precious metal recoveries.

- The BV lab inserts its own standards and blanks at set frequencies and monitors the precision of the analyses. As well, the lab performs repeat analyses at random intervals, which return acceptably similar values to the original samples.
- Laboratory procedures are within industry standards and are appropriate for the commodities of interest.
- Industry certified Geostats and OREAS standards were inserted in the RC chip sample stream every 25 samples, and field duplicates were collected every 20 samples. The industry standards ranged from 0.192 g/t Au up to 2.82 g/t Au. All standards were scrutinized to ensure they fell within acceptable tolerances. Review of the QAQC was assessed on a job by job basis. Overall the CRM's performed well with on 7 CRM (out of a total of 66) results falling out of 2 standard deviations..
- The samples are considered to effectively represent the rock at the point of collection. Sampling included Catalina Resources standard QAQC procedures.

**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
- Consultant geologists, from Apex Geoscience, were involved in the logging of the RC drilling. Apex was involved in the whole process including drill hole supervision, chip sample collection and importing of the completed assay results. Drill hole logs were inspected to verify the correlation of mineralized zones between assay results and lithology/alteration/mineralisation.

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	<p><i>(physical and electronic) protocols.</i></p> <ul style="list-style-type: none"> <li>• <i>Discuss any adjustment to assay data.</i></li> </ul>	<p>The entire chain of custody of this recent drilling was supervised by Apex Geoscience.</p> <ul style="list-style-type: none"> <li>• The drill hole data was logged in a locked excel logging template and then stored in a Micromine database structure for long term storage and validation.</li> <li>• Data was reported by the laboratory and no adjustment of data was undertaken.</li> <li>• All assay results were verified by alternative company personnel and the Qualified Person before release.</li> <li>• Analysis of the accuracy of the above QAQC procedures needs to be within acceptable limits.</li> </ul>
<p><b>Location of data points</b></p>	<ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <i>Specification of the grid system used.</i></li> <li>• <i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>• RC drill hole locations were picked up using a handheld Garmin GPS, considered to be accurate to <math>\pm 5</math> m.</li> <li>• Downhole surveys have been completed at 5 m stations (and start and end of hole) using a downhole gyroscopic survey tool. The holes were largely straight. With some holes showing more deviation than others.</li> <li>• All coordinates were recorded in MGA Zone 51 datum GDA94.</li> <li>• Topographic control is provided by a Digital Terrain Model based on the 90 m Shuttle Radar Topographic Mission data.</li> <li>• Drill hole details are in Appendix 1 of this announcement.</li> </ul>
<p><b>Data spacing and distribution</b></p>	<ul style="list-style-type: none"> <li>• <i>Data spacing for reporting of Exploration Results.</i></li> <li>• <i>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</i></li> </ul>	<ul style="list-style-type: none"> <li>• Drill holes were sited in a position to intercept the previously identified air core mineralisation, aiming to obtain grade and width information.</li> <li>• The orientation of the mineralisation is not yet defined, at this stage of exploration.</li> <li>• N/A as no resource estimate is made.</li> <li>• Drill holes were positioned at 80m centres on 50m drill lines.</li> </ul>

	<p><i>procedure(s) and classifications applied.</i></p> <ul style="list-style-type: none"> <li>• <i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>• No compositing has been conducted.</li> </ul>
<p><b>Orientation of data in relation to geological structure</b></p>	<ul style="list-style-type: none"> <li>• <i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Appendix 1 tables the MGA coordinates, of each hole.</li> <li>• RC drilling is a hammer percussion technique to shatter the rock and does not allow rock structures to be seen.</li> <li>• Drilling is assumed to intersect the mineralised structures at right angles. All holes were drilled at - 60 degrees to the west.</li> <li>• Until Catalina ascertains all assays back or conduct diamond drilling, Catalina is uncertain of the geometry of the mineralised structures. It is believed to be oriented north south.</li> </ul>
<p><b>Sample security</b></p>	<ul style="list-style-type: none"> <li>• <i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Drill samples were placed into calico bags measuring 14 in x 12 in. They were then placed into larger poly weave bags which were sealed with cable ties.</li> <li>• Large bulka bags were used to transport these poly weave bags to the BV lab in Kalgoorlie.</li> <li>• A sample submission outlining assay instructions was provided to BV.</li> <li>• BV maintains the chain of custody once the samples are received at the laboratory, with a full audit trail available via the BV website.</li> <li>• The chain of custody for samples from collection to delivery at the laboratory was handled by Apex Geoscience personnel.</li> </ul>
<p><b>Audits or reviews</b></p>	<ul style="list-style-type: none"> <li>• <i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>• At this stage of exploration, no external audit or review has been undertaken.</li> <li>• The work was carried out by reputable companies and laboratories using industry best practice.</li> </ul>

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Section 2 Reporting of Exploration Results – Laverton (RC September 2025)

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</li> </ul>	<ul style="list-style-type: none"> <li>The Laverton Project is located within E38/3697.</li> <li>Catalina holds several Exploration Licenses in the Laverton area. None are contiguous with E38/3697.</li> <li>The project area was culturally surveyed and cleared in Feb 2023 by the Nyalpa Pirniku People.</li> <li>There are no registered cultural heritage sites within the area.</li> <li>E38/3697 is held 100% by Catalina Resources. All tenements are secured by the DEMIRS (WA Government).</li> <li>All tenements are granted, in a state of good standing and have no impediments.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>The area southeast of Laverton has been explored by multiple companies resulting in the discovery of the Granny Smith Gold Mine and the Mt Weld REE mine.</li> <li>There have been several phases of Aircore and RC drilling within E38/3697. Between the Lily Pond Well and Pendergast South gold Project drilling has been conducted by exploration companies including: AngloGold Ashanti, Crescent Gold, Acacia, Metex Resources, Placer Exploration and Sons of Gwalia.</li> <li>Previous drilling programs have been primarily of a reconnaissance nature focused on the Lily Pond Well and Pendergast South Well areas.</li> <li>Between these gold Projects along the interpreted strike of the</li> </ul>

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Criteria	JORC Code explanation	Commentary
		<p>Barnicoat Shear the drilling has been sparse.</p> <ul style="list-style-type: none"> <li>A small gold resource was discovered at Lily Pond Well (15K ozs) by Sons of Gwalia and a supergene gold zone was discovered at Pendergast Well.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralization.</i></li> </ul>	<ul style="list-style-type: none"> <li>The Laverton Project is in the Laverton Tectonic Zone, a north-south trending structural domain within the Archean Yilgarn Craton.</li> <li>The eastern half of the zone comprises predominantly of a sedimentary sequence with subordinate mafic volcanics and felsic intrusives.</li> <li>The Barnicoat Shear Zone trends in an NNW direction through the tenement linking the Ida H, Lily Pond Well and Pendergast Project areas.</li> <li>There is minor deeply weathered exposure in the Lily Pond Well area, but most of the tenement is covered by ~15m of transported cover that obscures the bedrock geology.</li> <li>A Proterozoic dyke crosscuts the sequence within the tenement in a NNW direction and is delineated by a prominent magnetic signature.</li> <li>The sequence is also intruded by the circular Mt Weld Carbonatite just to the south of the tenement that hosts REE mineralization.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i> <ul style="list-style-type: none"> <li><i>easting and northing of the drill hole collar</i></li> <li><i>elevation or RL (Reduced Level – elevation above sea</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Appendix 1 provides details on the coordinates and specifications of the RC holes drilled.</li> <li>The documentation for drill hole locations in this announcement are considered acceptable.</li> <li>Consequently, the use of any data obtained is suitable for presentation and analysis.</li> <li>Given the early stage of the exploration programs, the data</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>level in metres) of the drill hole collar</i></p> <ul style="list-style-type: none"> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> <ul style="list-style-type: none"> <li>● <i>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.</i></li> </ul>	<p>quality is acceptable for reporting purposes.</p> <ul style="list-style-type: none"> <li>● Future drilling programs will be dependent on the assessment of the assays received.</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>● <i>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.</i></li> <li>● <i>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.</i></li> <li>● <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>● Mineralized intervals reported in this announcement use a cutoff of 0.5 g/t Au with no more than 2m of consecutive internal waste.</li> <li>● Length weighted intersections have been reported in the above-mentioned Table of the release.</li> <li>● No high cuts have been applied.</li> <li>● Metal equivalent values are not being reported.</li> </ul>
<b>Relationship between mineralization widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>● <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>● <i>If the geometry of the mineralization with respect to the drill hole angle is known, its nature should be reported.</i></li> </ul>	<ul style="list-style-type: none"> <li>● Drill holes at this project were angled at 60 degrees to the west, which has been interpreted to be approximately perpendicular to the interpreted steeply dipping primary mineralisation. It is early stage project so the mineralisation model is poorly</li> </ul>

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Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	<p>understood at present. The saprolite intersections reported are down hole intersections which may not be true width intersections due to the interpreted horizontal saprolite zone.</p>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</li> </ul>	<ul style="list-style-type: none"> <li>An appropriate exploration map and cross section has been included in the release.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</li> </ul>	<ul style="list-style-type: none"> <li>A table containing anomalous RC chip results to date has been included in the release. All locations are shown on the attached plans</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</li> </ul>	<ul style="list-style-type: none"> <li>Gold focussed RC drilling in holes LVRC01-LVRC03 was previously reported in the ASX announcement dated 31 July 2025, 'Catalina intersects wide gold zones in maiden drilling'.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible</li> </ul>	<ul style="list-style-type: none"> <li>Upon receiving all results, the mineralisation and geology will be examined to determine areas that require further RC drilling to define depth and lateral extensions.</li> </ul>

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Criteria	JORC Code explanation	Commentary
	<i>extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	

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