

1 October 2026

ASX Announcement



3.64 g/t Au ROCK CHIPS STRENGTHEN KIRKALOCKA GOLD TARGETS

HIGHLIGHTS

- ~1,500 soil assays strengthen priority gold targets across Kirkalocka ahead of November RC drilling.
- Avis returns rock chips up to 3.64 g/t Au, with strong gold-in-soil anomalies extending beyond historical workings where rock chips returned up to 9.89 g/t Au (sample 17959)¹.
- Coherent gold-in-soil anomalism at Capra coincides with prospective geology, interpreted structures and supporting rock-chip results, defining a priority target largely untested by historical drilling.
- Strong gold-in-soil anomalism at Two Mile Bore remains inadequately drill tested, despite nearby historical drilling returning 1m @ 4.66 g/t Au from 34m (CWRC-6807800-002)².
- Micro-XRF mapping highlights a spatial W-Bi-Mo association within a previously reported sample (SY09) at the Santy tungsten-polymetallic system.

Catalina Resources Limited (ASX: CTN, “Catalina” or the “Company”) is pleased to advise that it has refined priority gold targets at Capra, Avis and Two Mile Bore following interpretation of its ~1,500-sample soil program and recent rock chip results.

The results have strengthened multiple areas for drill testing which is scheduled for November. New rock-chip assays up to 3.64 g/t Au at Avis and coherent gold anomalies at Capra and Two Mile Bore confirm that these prospects remain inadequately tested by historical drilling.

At the Talling Project, exploration is also progressing at Santy, with new rock-chip assays pending and follow-up analysis showing a W-Bi-Mo spatial association within previously reported 0.31% WO₃ mineralisation³. Drilling at Santy is also planned for November, subject to heritage and tenement approvals.

Executive Director, Mr Ross Cotton commented:

“The work at Kirkalocka has done exactly what we wanted it to do - refine our targets and give us clear areas to drill. At Capra, Avis and Two Mile Bore, the combination of soil geochemistry, rock-chip results and geological interpretation has strengthened our confidence in the targets.

The focus now shifts to drilling. Kirkalocka is scheduled for RC drilling in November giving us the opportunity to test the extent and continuity of gold mineralisation across these priority areas.

At Santy, the focus is also on November drilling, with new rock-chip assays pending and further work underway on the tungsten mineralisation.”

Gold Targets Refined Ahead of Drilling

Kirkalocka is a key part of Catalina’s Mid-West gold strategy, with the Project located immediately adjacent to the Kirkalocka Gold Mine and its 2.0 Mtpa processing plant. Catalina’s exploration strategy is focused on building gold scale across its surrounding tenure and establishing a potential pathway to development through nearby infrastructure.

Recent exploration at Kirkalocka has significantly advanced Capra, Avis and Two Mile Bore as priority gold targets for drilling (Figure 1). This in turn highlights the broader regional gold potential, with multiple coherent geochemical anomalies associated with prospective geological and structural corridors providing a pipeline of targets for RC drilling.

With target refinement now complete, Catalina is ready to commence RC drilling in November following completion of heritage clearance.



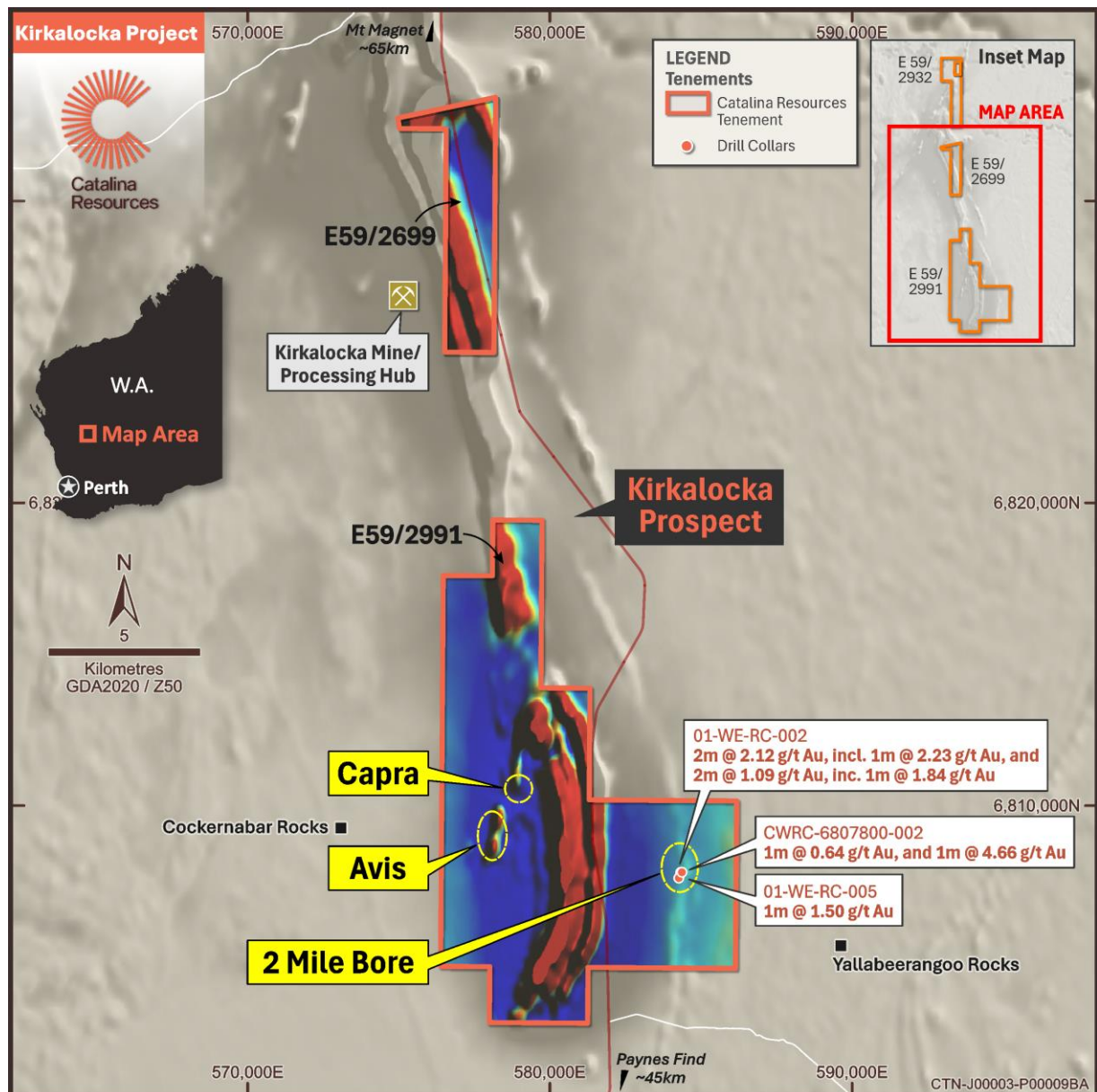


Figure 1: Kirkalocka project² with identified high-priority prospects Capra, Avis and Two Mile Bore.

Capra

The main cluster of **anomalous gold-in-soil** results broadly follows the east-west-trending **BIF/chert sequence**, which inflects to a north-northeast orientation in the east where it appears to be faulted-offset. The **strongest gold anomalism, including values exceeding 100 ppb Au**, occurs near the southern termination of an outcropping felsic volcanic unit where it is interpreted to be faulted against the BIF/chert sequence.

The distribution of elevated gold values suggests a possible stratigraphic control associated with the BIF/chert units, with much of the exposed sequence displaying elevated gold anomalism. Gold values generally decrease downslope to the south of the main anomaly, suggesting that some dispersion of mineralised regolith may have occurred in this direction.



Further south, lower-order gold anomalism defines northeast and northwest-trending patterns that may reflect conjugate structural controls on mineralisation. These interpreted structures are not readily evident in aerial imagery and will be assessed through further geological and structural interpretation.

Recent rock-chip sampling returned gold values including **0.269 g/t Au (KK005)**, **0.256 g/t Au (KK006)** and **0.104 g/t Au (KK004)**. Historical rock-chip results¹ include **0.912 g/t Au (CHGR040)**, **0.195 g/t Au (CHGR042)** and **0.104 g/t Au (CHGR068)**, with these results occurring along the **same northeast-trending target corridor defined by the soil anomalism**.

Historical drilling at Capra has been limited. Integration of recent geological mapping, rock-chip sampling and soil geochemistry has further refined the target and identified areas for first-pass RC drill testing. **Six RC holes are planned across two drill fences** oriented approximately perpendicular to the strike of the BIF, **targeting coincident soil and rock-chip gold anomalism** that remains **inadequately tested by historical drilling** (Figure 2).

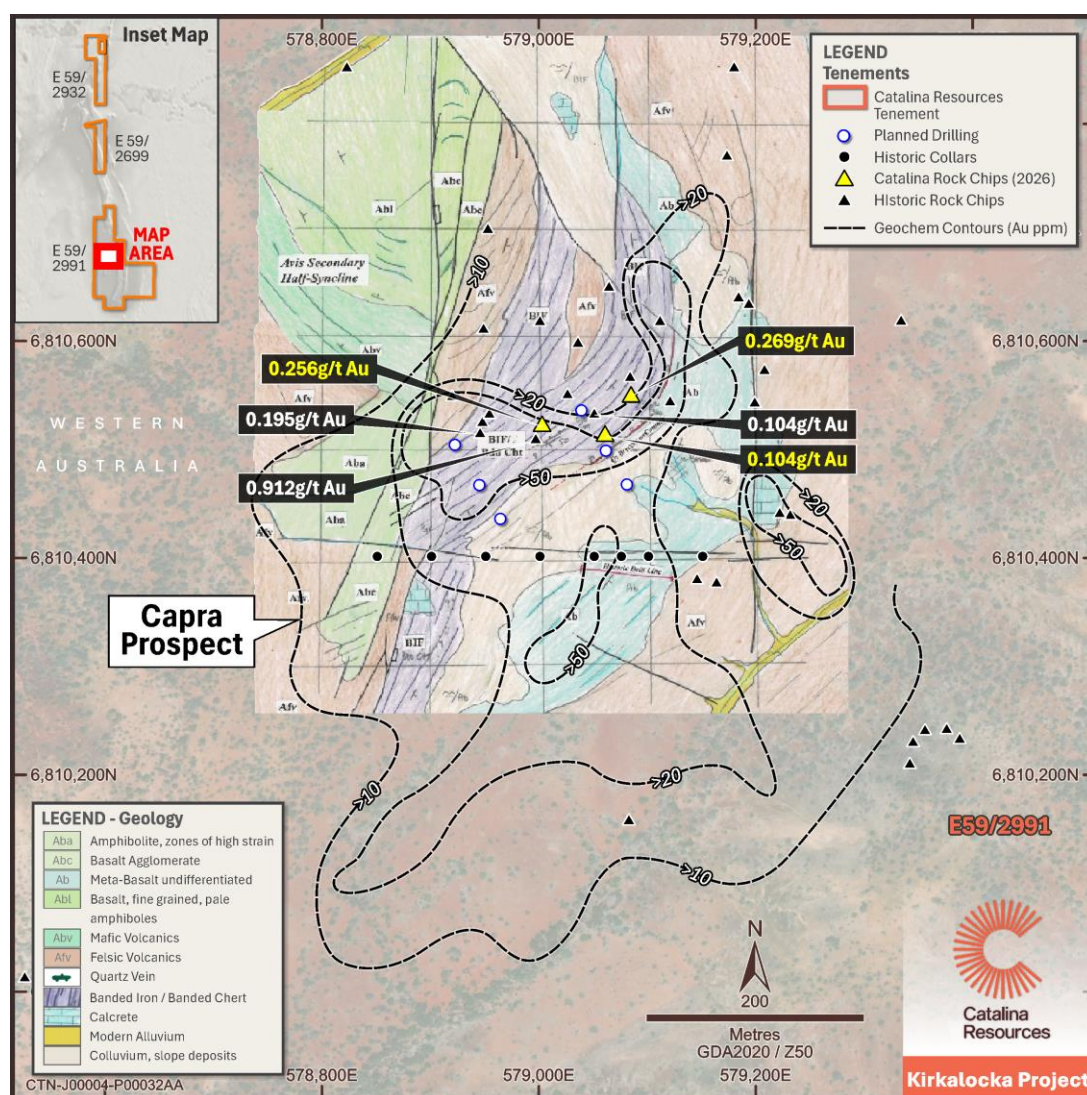


Figure 2: Geological map of Capra illustrating Au soil contours, rock chip results and planned drilling. (Only historical rock-chip samples grading >0.1 g/t Au are labelled)

Avis

Soil geochemistry has defined a **broad northeast-southwest-trending zone of elevated gold values** containing two areas of stronger anomalism. **Four soil samples** returned values **exceeding 200ppb Au**. The orientation of this geochemical trend differs from the predominantly north-south structural grain mapped at Avis and is therefore being assessed in conjunction with the geological and structural interpretation. Importantly, some of the **strongest soil anomalies are spatially separate from the historical workings**, providing additional areas for follow-up.

Recent rock-chip sampling targeting historical workings returned up to **3.64 g/t Au** (KK009), with additional results of **0.361 g/t Au** (KK012), **0.238 g/t Au** (KK007) and **0.077 g/t Au** (KK011). Historical rock-chip sampling¹ in the vicinity of the workings returned up to **9.89 g/t Au**, including **2.59 g/t Au** (17955), **9.89 g/t Au** (17959) and **1.34 g/t Au** (CHGR086). Six RC holes have been designed to **test the geological and structural setting** associated with the historical workings and adjacent gold-in-soil anomalism (Figure 3).

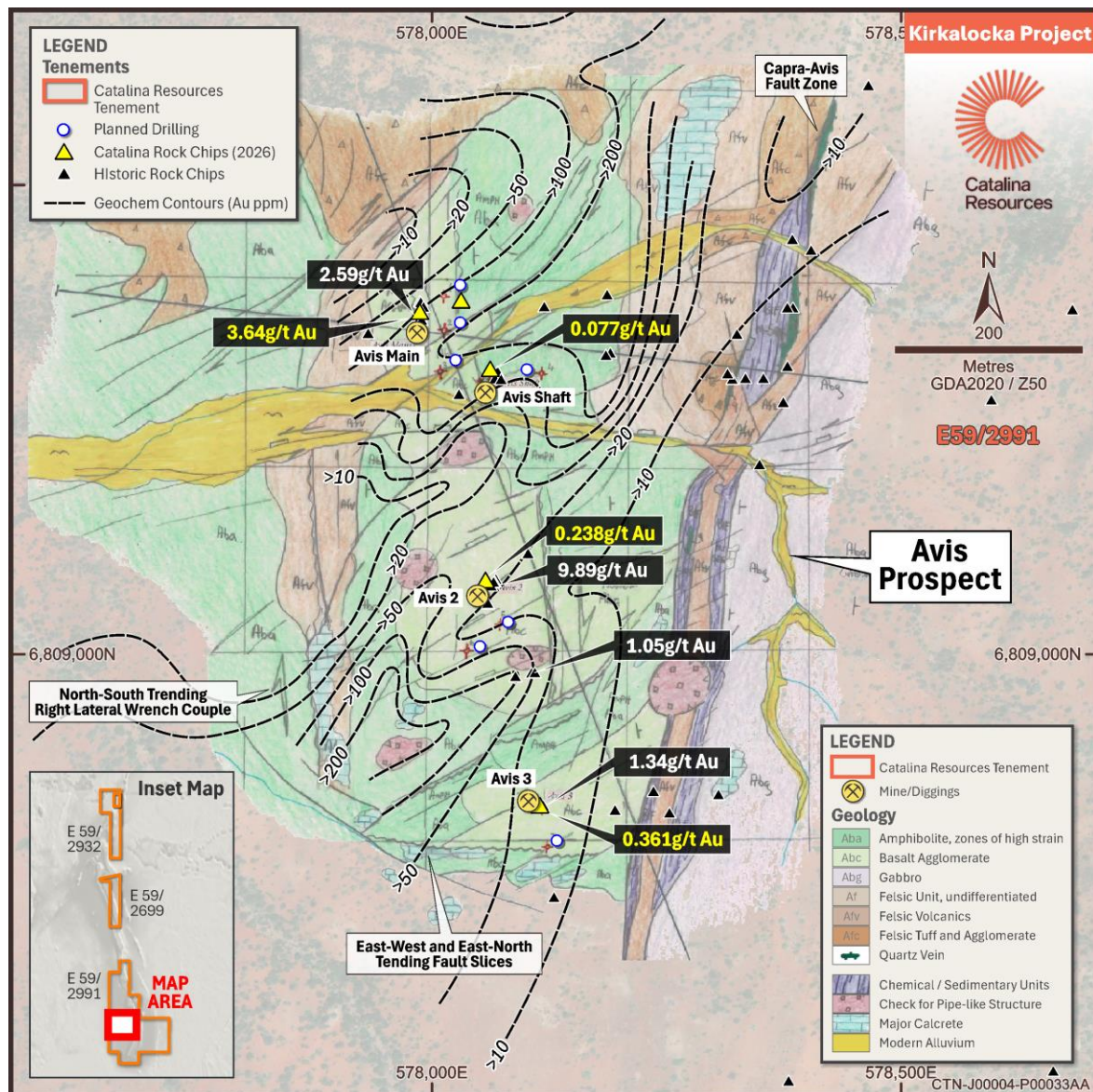


Figure 3: Geological map of Avis illustrating Au soil contours, rock chip results and planned drilling. (Only historical rock-chip samples grading >1 g/t Au are labelled)

Two Mile Bore

Integration of recent and historical soil geochemistry has identified **two principal zones of elevated gold anomalism** south of Two Mile Bore. Earlier soil sampling also defined a north-south zone of anomalism near 584000E that appears to extend northeast and **coincides with a magnetic ridge interpreted to represent the main Cuddingwarra Shear**.

The northern target comprises a **distinct cluster of elevated gold-in-soil results** located on the western flank of the main magnetic ridge. The anomaly extends broadly northeast-southwest and includes a more localised east-west-trending zone of elevated gold values.

Historical drilling within this area returned **gold anomalism in five holes**, including the following intersections from CWRC-6807800-002²:

- **1m @ 4.66 g/t Au from 34m**
- **1m @ 0.64 g/t Au from 30m**

Review of historical drilling indicates that **the strongest gold-in-soil anomaly has not been adequately drill tested**. Two east-west-oriented RC drill traverses are therefore being considered to test the northern anomaly and its relationship with the interpreted Cuddingwarra Shear and associated cross-cutting structures (Figure 4).

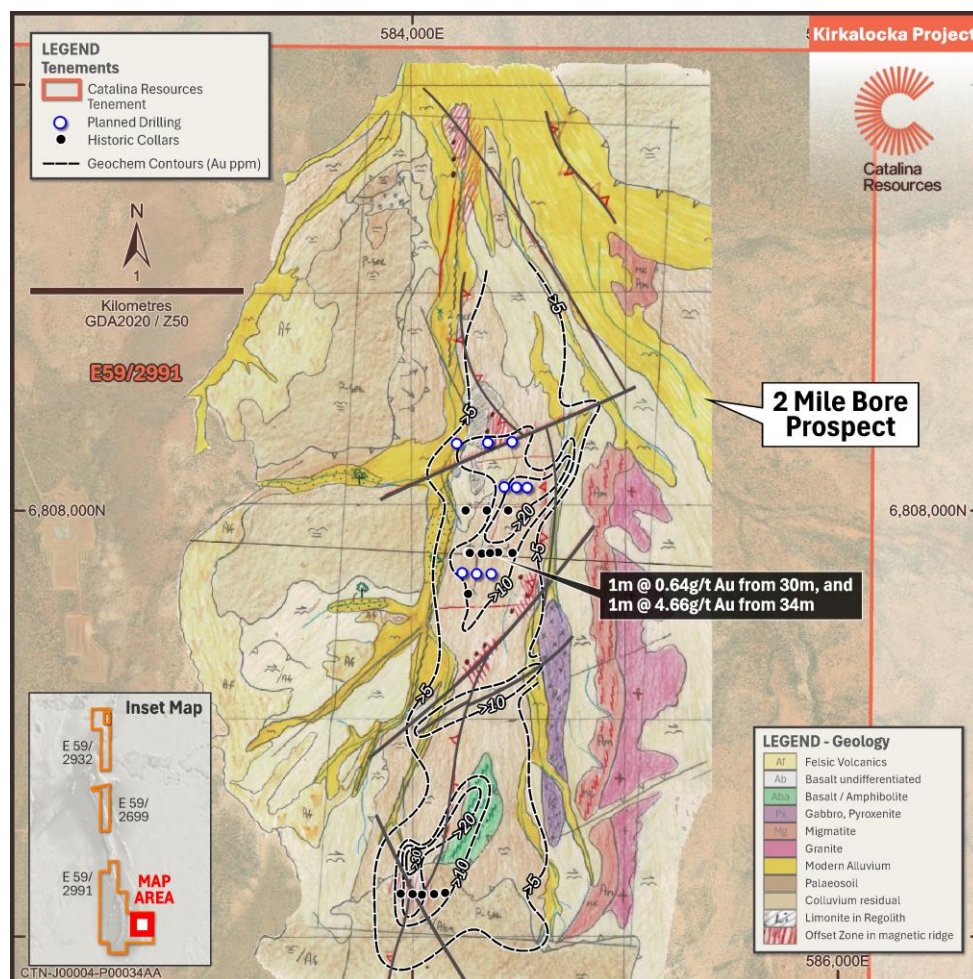


Figure 4: Geological map of Two Mile Bore illustrating Au soil contours, rock chip results and planned drilling.



Tallering Project: Santy – Tungsten Mineralogy Investigation

Exploration is also advancing at the Santy prospect within Catalina's Tallering Project, where drilling is planned to commence in November following heritage clearance. Recent fieldwork included additional rock-chip sampling across the prospect, with assay results pending.

In parallel, further technical analysis has been completed on previously reported tungsten-bearing rock-chip sample SY09 (0.31% WO_3) to characterise the distribution of the tungsten mineralisation.

Ultraviolet (UV) short wave light examination was undertaken on previously reported sample SY09 (0.31% WO_3)³ to test for scheelite (CaWO_4), which fluoresces under shortwave UV. A fluorescent response was not observed, suggesting scheelite is unlikely to be the primary tungsten mineral in SY09. Further mineralogical work is planned to identify the host mineral.

Micro-XRF mapping of a selected area of SY09 hand specimen was completed by Portable Spectral Services (PSS), Perth, using a Bruker M4 TORNADO PLUS micro-XRF mapper, to characterise the distribution of W, Bi and Mo and Cu. W, Bi and Mo are spatially in the scanned area, and Cu was not detected in the area of the strongest association (Figures 5-7).

The micro-XRF maps are qualitative, showing relative X-ray counts and not elemental grades or mineral identification. Results are from a single hand specimen and should not be taken as representative of mineralisation at Santy or as an indication of extent of grade continuity. Further analytical details are provided in Appendix B (JORC Table 1).

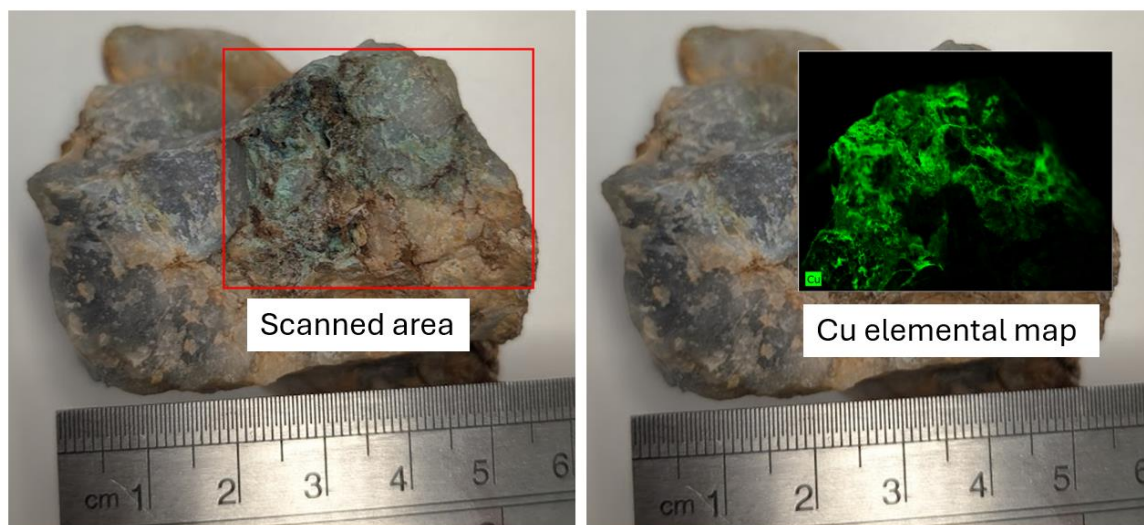




Figure 5-7: Hand specimen (SY09) showing the micro-XRF scanned area (red rectangle) and accompanying W, Bi and Mo and Cu maps. Maps show relative X-ray counts (qualitative).

Next Steps

The focus now shifts to drilling. RC drilling at Kirkalocka is scheduled to commence in November, targeting Capra, Avis and Two Mile Bore following heritage clearance.

At Santy, assays from the recent rock-chip program are pending, with further mineralogical work planned to identify the tungsten host in sample SY09. RC drilling is planned for November to test the IP anomaly.

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This announcement has been authorised for release by the Executive Director, Ross Cotton.

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:

1 ASX announcement Kirkalocka 8 July 2026 [ASX:CTN - Kirkalocka Drilling Nears Following Field Success](#)

2 ASX announcement 15 June 2026 [ASX:CTN - Significant Historic Gold Results Across Mid-West Portfolio](#)

3 ASX announcement Tallering 20 August 2026 [ASX:CTN - Santy Delivers High-Grade Tungsten & Polymetallic Results](#)

COMPETENT PERSONS STATEMENT

Reported information in this announcement that relates to exploration activities is based on information compiled by Dr Nishka Piechocka, PhD, Vice President of the Australian Institute of Geoscientists (AIG) and a full-time employee of Catalina Resources Limited. Dr Piechocka has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 (JORC Code). Dr Piechocka consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

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

The Company confirms that the form and context in which the Competent Person’s findings are presented have not been materially modified from the original market 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. These statements can be identified by the use of words like “anticipate”, “believe”, “intend”, “estimate”, “expect”, “may”, “plan”, “project”, “will”, “should”, “seek” and similar words or expressions containing same. These forward-looking statements reflect the Company’s views and assumptions with respect to future events as of the date of this release and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. These include, but are not limited to, risks or uncertainties associated with the acquisition and divestment of projects, joint venture and other contractual risks, metal prices, exploration, development and operating risks, competition, production risks, sovereign risks, regulatory risks including environmental regulation and liability and potential title disputes, availability and terms of capital and general economic and business conditions.



Given these uncertainties, no one should place undue reliance on any forward-looking statements attributable to the Company, or any of its affiliates or persons acting on its behalf. Subject to any continuing obligations under applicable law the Company disclaims any obligation or undertaking to disseminate any updates or revisions to any forward-looking statements in this announcement to reflect any change in expectations in relation to any forward-looking statements or any change in events, conditions or circumstances on which any such statement is based.

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 prospective gold, base metal, and speciality metal projects and the development of these projects into production. The mid-west portfolio comprises a growing landholding across a highly prospective mineral province of Western Australia, with projects located in close proximity to the Kirkalocka Gold Mine and other established mining operations and infrastructure. The portfolio hosts multiple gold, copper and critical-mineral opportunities, including the emerging tungsten-polymetallic system at Talling, providing Catalina with a strong pipeline of exploration targets.



APPENDIX A: Kirkalocka Rock Chip and Soil Sample Geochemical Results

Table 1: Historical Rock Chip Assay Results

SAMPLE ID	EAST	NORTH	SAMPLE TYPE	AU_PPM	AS_PPM	CU_PPM	FE_%
CHGR040	578996	6810507	Rock Chip	0.912	3.5	NA	7.9
CHGR042	578945	6810513	Rock Chip	0.195	2	NA	25.4
CHGR068	579050	6810531	Rock Chip	0.104	66.4	406.8	15.1
CHGR086	578118	6808836	Rock Chip	1.134	NA	NA	NA

Table 2: Kirkalocka All Rock Chip Au ppm results.

SAMPLE ID	EASTING	NORTHING	AU PPM(0.001)	AG PPM (0.2)	AS PPM (2)	GEOLOGY COMMENTS
KK001	576840	6843038	0.003	<0.2	<2	Quartz vein with minor sulphide pits.
KK002	577206	6843601	0.009	<0.2	3	Quartz vein with rusty weathering
KK003	577246	6843619	0.001	<0.2	<2	Quartz vein
KK004	579060	6810511	0.104	0.3	7	Quartz breccia
KK005	579084	6810547	0.269	<0.2	5	Quartz breccia
KK006	579002	6810520	0.256	<0.2	<2	Quartz vein in bedded chert with minor sulphide pits
KK007	578056	6809075	0.238	<0.2	<2	Composite sample at diggings quartz vein with sulphide staining
KK008	577986	6809361	0.046	<0.2	<2	Quartz float in mullock at major diggings
KK009	577986	6809361	3.64	<0.2	<2	Composite of quartz chips across 1.5m wide vein at mine site
KK010	578030	6809373	0.002	<0.2	<2	Green quartz in basalt schist host
KK011	578061	6809300	0.077	<0.2	<2	Quartz chips
KK012	578114	6808835	0.361	0.4	<2	Quartz chips
KK015	579047	6805338	0.003	0.5	<2	Quartz and hematite breccia, narrow vein in gabbro
KK016	578862	6805376	0.001	<0.2	6	BIF/schist composite sample



KK017	578851	6805368	0.001	<0.2	3	Hematite outcrop on hanging wall of shear
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Table 3: Kirkalocka All Soil Sample (Au, Cu, Pb, Zn) Assay Results (NA = not assayed)

SAMPLE_ID	EASTING	NORTHING	AU_PPM	CU_PPM	PB_PPM	ZN_PPM
KK0001	583759	6809916	0.0006	22	9	18
KK0002	583799	6809916	0.0006	22	9	17
KK0003	583839	6809916	0.0006	34	10	24
KK0004	583879	6809916	0.0006	40	10	27
KK0005	583919	6809916	0.0007	36	10	22
KK0006	583959	6809916	0.0009	34	13	23
KK0007	583999	6809916	0.001	30	11	19
KK0008	584039	6809916	0.0006	30	11	19
KK0009	584079	6809916	0.0008	31	12	20
KK0010	584119	6809916	0.0011	28	12	19
KK0011	584159	6809916	0.0009	29	12	23
KK0012	584199	6809916	0.0008	25	13	20
KK0013	584239	6809916	0.0006	21	9	16
KK0014	584279	6809916	0.0005	20	10	17
KK0015	584319	6809916	0.0003	16	10	14
KK0016	584359	6809916	0.0003	15	10	15
KK0017	584399	6809916	0.0002	11	6	12
KK0018	584439	6809916	0.0003	13	8	14
KK0019	584479	6809916	0.0002	14	10	15
KK0020	584519	6809916	0.0002	13	9	13
KK0021	584559	6809916	0.0002	13	11	13
KK0022	584599	6809916	0.0003	13	9	12
KK0023	584639	6809916	0.0002	10	9	11
KK0024	584679	6809916	0.0003	15	9	14
KK0025	584719	6809916	0.0003	13	8	11
KK0026	584759	6809916	0.0003	13	7	15
KK0027	584799	6809916	0.0003	12	7	11
KK0028	583759	6809816	0.0005	39	10	28
KK0029	583799	6809816	0.0005	38	10	26
KK0030	583839	6809816	0.0004	36	10	24
KK0031	583879	6809816	0.0005	39	12	26
KK0032	583919	6809816	0.0008	37	12	34
KK0033	583959	6809816	0.0005	32	12	21
KK0034	583999	6809816	0.0008	30	12	22
KK0035	584039	6809816	0.0007	30	12	17
KK0036	584079	6809816	0.0007	29	11	19



KKA0037	584119	6809816	0.0009	30	13	21
KKA0038	584159	6809816	0.0009	33	13	28
KKA0039	584199	6809816	0.0007	29	14	21
KKA0040	584319	6809816	0.001	23	10	19
KKA0041	584359	6809816	0.0005	21	10	17
KKA0042	584399	6809816	0.0002	12	8	13
KKA0043	584439	6809816	0.0002	13	10	14
KKA0044	584479	6809816	0.0002	12	8	14
KKA0045	584519	6809816	0.0002	14	9	13
KKA0046	584559	6809816	0.0003	14	8	14
KKA0047	584599	6809816	0.0003	14	8	14
KKA0048	584639	6809816	0.0004	13	8	13
KKA0049	584679	6809816	0.0003	10	7	10
KKA0050	584719	6809816	0.0007	17	12	19
KKA0051	584759	6809816	0.0004	13	8	13
KKA0052	584799	6809816	0.0004	11	6	10
KKA0053	583759	6809716	0.0005	35	11	24
KKA0054	583799	6809716	0.0008	38	12	28
KKA0055	583839	6809716	0.0007	34	13	23
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KKA0074	584599	6809716	0.0003	13	10	14
KKA0075	584639	6809716	0.0002	13	9	12
KKA0076	584679	6809716	0.0003	12	10	12
KKA0077	584719	6809716	0.0002	13	9	12
KKA0078	584759	6809716	0.0002	12	8	12
KKA0079	584799	6809716	0.0002	13	9	13
KKA0080	583759	6809516	0.0005	35	14	25



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KKA0083	583879	6809516	0.0003	21	11	17
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KKA0086	583999	6809516	0.0006	29	14	22
KKA0087	584039	6809516	0.0011	30	15	23
KKA0088	584079	6809516	0.0005	31	14	23
KKA0089	584119	6809516	0.0007	32	13	22
KKA0090	584159	6809516	0.0005	28	13	18
KKA0091	584199	6809516	0.0009	29	12	19
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KKA0093	584279	6809516	0.0011	27	12	19
KKA0094	584319	6809516	0.0006	26	12	16
KKA0095	584359	6809516	0.0005	25	12	19
KKA0096	584399	6809516	0.0005	22	11	17
KKA0097	584439	6809516	0.0005	22	11	16
KKA0098	584479	6809516	0.0003	18	10	14
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KKA0107	583759	6809416	0.0007	32	16	22
KKA0108	583799	6809416	0.0004	26	16	19
KKA0109	583839	6809416	0.0008	30	16	20
KKA0110	583879	6809416	0.0006	25	13	18
KKA0111	583919	6809416	0.0005	19	11	16
KKA0112	583959	6809416	0.0003	19	12	15
KKA0113	583999	6809416	0.0004	20	11	17
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KKA0115	584079	6809416	0.0006	28	14	21
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KKA0121	584319	6809416	0.0008	29	13	20
KKA0122	584359	6809416	0.0006	22	9	16
KKA0123	584399	6809416	0.0005	23	12	17
KKA0124	584439	6809416	0.0004	23	11	18



KKA0125	584479	6809416	0.0004	17	9	16
KKA0126	584519	6809416	0.0002	12	8	11
KKA0127	584599	6809416	0.0002	10	9	13
KKA0128	584719	6809416	0.0002	12	9	13
KKA0129	584759	6809416	0.0001	10	9	11
KKA0130	584799	6809416	0.0003	11	9	11
KKA0131	583759	6809316	0.0007	27	15	13
KKA0132	583799	6809316	0.0008	33	22	15
KKA0133	583839	6809316	0.0005	32	20	17
KKA0134	583879	6809316	0.0004	24	17	13
KKA0135	583919	6809316	0.0004	23	14	15
KKA0136	583959	6809316	0.0004	20	12	14
KKA0137	583999	6809316	0.0004	22	13	15
KKA0138	584039	6809316	0.0004	22	14	16
KKA0139	584079	6809316	0.0004	24	12	19
KKA0140	584119	6809316	0.0005	29	13	23
KKA0141	584159	6809316	0.0005	22	9	16
KKA0142	584199	6809316	0.0007	28	13	19
KKA0143	584239	6809316	0.0009	30	13	21
KKA0144	584279	6809316	0.0008	29	14	20
KKA0145	584319	6809316	0.0008	29	13	22
KKA0146	584359	6809316	0.001	28	12	19
KKA0147	584399	6809316	0.001	24	10	18
KKA0148	584439	6809316	0.0006	23	10	18
KKA0149	584479	6809316	0.0005	22	11	19
KKA0150	584519	6809316	0.0003	22	14	17
KKA0151	584559	6809316	0.0005	15	9	15
KKA0152	584599	6809316	0.0004	14	10	15
KKA0153	584639	6809316	0.0002	10	8	12
KKA0154	584679	6809316	0.0002	11	9	12
KKA0155	584719	6809316	0.0001	10	8	12
KKA0156	584759	6809316	0.0002	11	9	12
KKA0157	584799	6809316	0.0002	12	11	16
KKA0158	583799	6808611	0.0004	22	11	14
KKA0159	583839	6808611	0.0003	20	11	13
KKA0160	583879	6808611	0.0004	20	11	14
KKA0161	583919	6808611	0.0006	19	12	14
KKA0162	583959	6808611	0.0009	19	11	14
KKA0163	583999	6808611	0.0006	18	12	14
KKA0164	584039	6808611	0.0005	19	12	13
KKA0165	584079	6808611	0.0006	25	13	19
KKA0166	584119	6808611	0.0004	26	14	20
KKA0167	584159	6808611	0.0007	30	14	22
KKA0168	584239	6808611	0.0015	28	11	19



KKA0169	584279	6808611	0.002	29	12	19
KKA0170	584319	6808611	0.0036	30	12	17
KKA0171	584359	6808611	0.003	36	10	17
KKA0172	584439	6808611	0.0038	34	13	21
KKA0173	584479	6808611	0.0021	31	12	19
KKA0174	584519	6808611	0.0012	32	13	19
KKA0175	584559	6808611	0.0014	35	14	27
KKA0176	584639	6808611	0.0012	36	11	25
KKA0177	584679	6808611	0.0011	34	10	26
KKA0178	584719	6808611	0.0011	32	10	26
KKA0179	584759	6808611	0.0007	27	13	20
KKA0180	584799	6808611	0.0005	19	9	18
KKA0181	584839	6808611	0.0006	18	11	21
KKA0182	584879	6808611	0.0003	14	13	17
KKA0183	584919	6808611	0.0002	9	8	12
KKA0184	584959	6808611	0.0002	11	8	12
KKA0185	583799	6808511	0.0004	21	11	13
KKA0186	583839	6808511	0.0004	21	11	14
KKA0187	583879	6808511	0.0005	20	11	14
KKA0188	583919	6808511	0.0006	19	12	14
KKA0189	583959	6808511	0.0005	18	12	13
KKA0190	583999	6808511	0.0004	19	11	13
KKA0191	584039	6808511	0.0005	19	12	14
KKA0192	584079	6808511	0.0004	22	12	18
KKA0193	584119	6808511	0.0006	22	14	17
KKA0194	584159	6808511	0.0004	27	11	20
KKA0195	584199	6808511	0.0007	28	11	19
KKA0196	584239	6808511	0.0017	33	12	20
KKA0197	584279	6808511	0.0031	32	10	12
KKA0198	584319	6808511	0.0042	40	10	11
KKA0199	584359	6808511	0.0034	43	10	13
KKA0200	584399	6808511	0.0022	44	10	15
KKA0201	584439	6808511	0.0017	45	9	16
KKA0202	584479	6808511	0.0019	47	10	17
KKA0203	584519	6808511	0.0024	45	12	19
KKA0204	584559	6808511	0.0016	43	13	24
KKA0205	584599	6808511	0.002	39	13	22
KKA0206	584639	6808511	0.0007	34	11	27
KKA0207	584679	6808511	0.0017	37	12	27
KKA0208	584719	6808511	0.0008	31	10	24
KKA0209	584759	6808511	0.0009	25	11	20
KKA0210	584799	6808511	0.0007	21	9	13
KKA0211	584839	6808511	0.0007	19	9	15
KKA0212	584879	6808511	0.0004	19	10	17



KKA0213	584919	6808511	0.0002	14	10	17
KKA0214	584959	6808511	0.0002	13	9	14
KKA0215	583799	6808411	0.0004	19	11	13
KKA0216	583839	6808411	0.0004	20	11	13
KKA0217	583879	6808411	0.0004	20	12	14
KKA0218	583919	6808411	0.0004	19	12	14
KKA0219	583959	6808411	0.0005	18	12	13
KKA0220	583999	6808411	0.0005	19	14	13
KKA0221	584039	6808411	0.0005	23	15	17
KKA0222	584079	6808411	0.0014	22	13	16
KKA0223	584119	6808411	0.0004	24	13	20
KKA0224	584159	6808411	0.0004	29	13	26
KKA0225	584199	6808411	0.001	28	11	19
KKA0226	584239	6808411	0.0025	31	10	16
KKA0227	584279	6808411	0.002	30	9	10
KKA0228	584319	6808411	0.0019	32	10	13
KKA0229	584359	6808411	0.0039	33	11	16
KKA0230	584439	6808411	0.0039	39	11	22
KKA0231	584479	6808411	0.003	36	9	24
KKA0232	584519	6808411	0.004	37	10	23
KKA0233	584559	6808411	0.0024	41	12	27
KKA0234	584639	6808411	0.0015	38	12	23
KKA0235	584679	6808411	0.001	31	10	21
KKA0236	584719	6808411	0.0012	33	10	28
KKA0237	584759	6808411	0.0007	24	10	20
KKA0238	584799	6808411	0.0027	23	9	18
KKA0239	584839	6808411	0.0008	28	10	25
KKA0240	584879	6808411	0.0002	13	9	12
KKA0241	584919	6808411	0.0002	15	12	18
KKA0242	584959	6808411	0.0002	15	10	17
KKA0243	583799	6808311	0.0003	17	11	13
KKA0244	583839	6808311	0.0006	16	11	13
KKA0245	583879	6808311	0.0002	19	11	17
KKA0246	583919	6808311	0.0004	19	11	14
KKA0247	583959	6808311	0.0003	21	10	17
KKA0248	583999	6808311	0.0003	17	13	12
KKA0249	584039	6808311	0.0002	26	15	21
KKA0250	584079	6808311	0.0001	27	14	22
KKA0251	584119	6808311	0.0001	29	14	26
KKA0252	584159	6808311	0.0004	32	13	26
KKA0253	584199	6808311	0.0002	28	15	16
KKA0254	584239	6808311	0.0042	31	10	17
KKA0255	584279	6808311	0.0058	34	8	11
KKA0256	584319	6808311	0.0052	29	9	10



KKA0257	584359	6808311	0.008	32	9	12
KKA0258	584399	6808311	0.0041	29	9	18
KKA0259	584439	6808311	0.0035	29	9	17
KKA0260	584479	6808311	0.0065	34	9	27
KKA0261	584519	6808311	0.0013	32	9	19
KKA0262	584559	6808311	0.0016	32	12	20
KKA0263	584599	6808311	0.0017	33	12	19
KKA0264	584639	6808311	0.0017	35	11	23
KKA0265	584679	6808311	0.0012	33	10	21
KKA0266	584719	6808311	0.0007	30	9	20
KKA0267	584759	6808311	0.0008	33	10	25
KKA0268	584799	6808311	0.0003	35	18	26
KKA0269	584839	6808311	0.0006	21	9	16
KKA0270	584879	6808311	0.0003	17	10	14
KKA0271	584919	6808311	0.0003	15	10	15
KKA0272	584959	6808311	0.0004	15	11	17
KKA0273	583799	6808211	<0.0001	20	13	13
KKA0274	583839	6808211	0.0002	18	13	13
KKA0275	583879	6808211	0.0002	28	12	24
KKA0276	583919	6808211	0.0002	31	12	25
KKA0277	583959	6808211	0.0003	33	13	26
KKA0278	583799	6808111	0.0003	29	10	19
KKA0279	583839	6808111	0.0005	31	11	19
KKA0280	583879	6808111	0.0004	31	11	22
KKA0281	583919	6808111	0.0004	31	11	20
KKA0282	583959	6808111	0.0004	31	12	18
KKA0283	583999	6808111	0.0003	30	12	20
KKA0284	584039	6808111	0.0004	30	13	17
KKA0285	584079	6808111	0.0005	26	11	19
KKA0286	584119	6808111	0.0007	29	13	25
KKA0287	584159	6808111	0.0008	31	13	20
KKA0288	584199	6808111	0.0006	20	7	12
KKA0289	584239	6808111	0.0018	17	6	11
KKA0290	584279	6808111	0.0028	31	7	10
KKA0291	584319	6808111	0.0008	38	5	9
KKA0292	584359	6808111	0.0022	46	7	25
KKA0293	584399	6808111	0.0029	41	6	31
KKA0294	584439	6808111	0.0034	37	7	22
KKA0295	584479	6808111	0.0186	42	8	31
KKA0296	584519	6808111	0.15	53	9	24
KKA0297	584559	6808111	0.0247	50	11	25
KKA0298	584599	6808111	0.0046	40	10	26
KKA0299	584639	6808111	0.0033	37	11	20
KKA0300	584679	6808111	0.0012	31	8	20



KKA0301	584719	6808111	0.0009	25	9	16
KKA0302	584759	6808111	0.0014	29	10	27
KKA0303	584799	6808111	0.0005	18	9	17
KKA0304	584839	6808111	0.0008	17	9	12
KKA0305	584879	6808111	0.0007	15	8	11
KKA0306	584919	6808111	0.0014	16	8	13
KKA0307	584959	6808111	0.0011	12	8	8
KKA0308	583839	6808011	0.0004	22	11	15
KKA0309	583879	6808011	0.0004	23	14	17
KKA0310	583919	6808011	0.0003	18	13	13
KKA0311	583959	6808011	0.0003	20	12	12
KKA0312	584759	6808011	0.0008	24	10	19
KKA0313	584799	6808011	0.0007	16	9	12
KKA0314	584839	6808011	0.0006	17	11	13
KKA0315	584879	6808011	0.0006	13	8	11
KKA0316	584919	6808011	0.0006	14	9	11
KKA0317	584959	6808011	0.0011	13	8	10
KKA0318	583759	6807911	0.0006	24	13	19
KKA0319	583799	6807911	0.0006	23	12	18
KKA0320	583839	6807911	0.0005	23	13	20
KKA0321	583879	6807911	0.0003	24	14	19
KKA0322	583919	6807911	0.0004	21	12	17
KKA0323	583959	6807911	0.0003	21	13	17
KKA0324	583999	6807911	0.0004	23	13	18
KKA0325	584039	6807911	0.0005	26	15	21
KKA0326	584079	6807911	0.0005	29	14	23
KKA0327	584119	6807911	0.0008	31	12	26
KKA0328	584159	6807911	0.0006	27	11	19
KKA0329	584199	6807911	0.001	29	9	20
KKA0330	584239	6807911	0.0044	43	11	39
KKA0331	584279	6807911	0.0046	43	12	28
KKA0332	584319	6807911	0.005	42	12	24
KKA0333	584359	6807911	0.0119	47	9	35
KKA0334	584399	6807911	0.0169	53	10	23
KKA0335	584439	6807911	0.065	55	9	26
KKA0336	584479	6807911	0.023	51	9	28
KKA0337	584519	6807911	0.0028	35	9	24
KKA0338	584559	6807911	0.0061	33	10	22
KKA0339	584599	6807911	0.0019	40	11	24
KKA0340	584639	6807911	0.0014	42	11	27
KKA0341	584679	6807911	0.0012	33	14	25
KKA0342	584719	6807911	0.0007	25	11	24
KKA0343	584759	6807911	0.0006	22	10	17
KKA0344	584799	6807911	0.0011	22	11	20



KKA0345	584839	6807911	0.001	23	9	23
KKA0346	584879	6807911	0.0012	21	11	19
KKA0347	584919	6807911	0.0013	16	8	18
KKA0348	584959	6807911	0.0004	14	8	10
KKA0349	583759	6807711	0.0004	24	13	23
KKA0350	583799	6807711	0.0008	30	14	23
KKA0351	583839	6807711	0.0004	26	14	19
KKA0352	583879	6807711	0.0004	22	11	15
KKA0353	583919	6807711	0.0005	22	12	16
KKA0354	583959	6807711	0.0005	24	12	15
KKA0355	583999	6807711	0.0005	26	13	18
KKA0356	584039	6807711	0.0006	28	13	23
KKA0357	584079	6807711	0.0006	34	14	21
KKA0358	584119	6807711	0.0007	34	11	22
KKA0359	584159	6807711	0.003	46	7	35
KKA0360	584199	6807711	0.0049	40	7	29
KKA0361	584239	6807711	0.002	35	8	22
KKA0362	584279	6807711	0.0032	40	10	31
KKA0363	584319	6807711	0.0034	46	8	23
KKA0364	584359	6807711	0.005	47	7	27
KKA0365	584399	6807711	0.0028	35	7	26
KKA0366	584439	6807711	0.0015	34	8	24
KKA0367	584479	6807711	0.0022	38	6	23
KKA0368	584519	6807711	0.0013	37	9	20
KKA0369	584559	6807711	0.0028	46	6	24
KKA0370	584599	6807711	0.0012	36	7	28
KKA0371	584639	6807711	0.0013	36	8	26
KKA0372	584679	6807711	0.0006	28	8	22
KKA0373	584719	6807711	0.0004	29	8	25
KKA0374	584759	6807711	0.0005	23	9	22
KKA0375	584799	6807711	0.0003	22	7	16
KKA0376	584839	6807711	0.001	21	10	18
KKA0377	584879	6807711	0.0005	17	9	19
KKA0378	584919	6807711	0.0006	20	13	21
KKA0379	584959	6807711	0.0009	22	12	22
KKA0380	583759	6807611	0.0008	25	12	15
KKA0381	583799	6807611	0.0012	33	13	20
KKA0382	583839	6807611	0.0009	30	12	16
KKA0383	583879	6807611	0.0006	29	11	16
KKA0384	583919	6807611	0.0005	30	11	18
KKA0385	583959	6807611	0.0004	29	13	20
KKA0386	584759	6807611	0.0006	30	8	23
KKA0387	584799	6807611	0.0006	24	7	19
KKA0388	584839	6807611	0.0012	23	8	20



KKA0389	584879	6807611	0.0008	18	9	16
KKA0390	584919	6807611	0.0009	19	9	20
KKA0391	584959	6807611	0.0005	17	9	17
KKA0392	583759	6807511	0.0011	38	9	24
KKA0393	583799	6807511	0.0013	45	13	24
KKA0394	583839	6807511	0.0008	38	11	24
KKA0395	583879	6807511	0.0006	30	11	19
KKA0396	583919	6807511	0.0006	34	13	21
KKA0397	583959	6807511	0.0007	29	10	17
KKA0398	583999	6807511	0.0005	32	12	21
KKA0399	584039	6807511	0.0005	36	10	21
KKA0400	584079	6807511	0.0008	32	12	22
KKA0401	584119	6807511	0.0016	32	9	21
KKA0402	584159	6807511	0.0058	47	7	30
KKA0403	584199	6807511	0.0095	44	8	28
KKA0404	584239	6807511	0.0053	46	9	30
KKA0405	584279	6807511	0.0099	43	7	26
KKA0406	584319	6807511	0.005	45	9	32
KKA0407	584359	6807511	0.0044	33	9	22
KKA0408	584399	6807511	0.0019	36	9	21
KKA0409	584439	6807511	0.0016	43	7	37
KKA0410	584479	6807511	0.0035	38	6	34
KKA0411	584519	6807511	0.0026	34	7	26
KKA0412	584559	6807511	0.0029	38	5	32
KKA0413	584599	6807511	0.0013	43	7	39
KKA0414	584639	6807511	0.0016	41	9	38
KKA0415	584679	6807511	0.0004	28	10	24
KKA0416	584719	6807511	0.0007	31	6	18
KKA0417	584759	6807511	0.0007	35	7	29
KKA0418	584799	6807511	0.0006	32	8	21
KKA0419	584839	6807511	0.0006	21	10	22
KKA0420	584879	6807511	0.0008	23	10	22
KKA0421	584919	6807511	0.0009	20	10	19
KKA0422	584959	6807511	0.0008	20	10	20
KKA0423	583759	6807411	0.0006	55	11	27
KKA0424	583799	6807411	0.0014	49	9	39
KKA0425	583839	6807411	0.0005	44	8	28
KKA0426	583879	6807411	0.0003	43	7	31
KKA0427	583919	6807411	0.0006	32	7	20
KKA0428	583959	6807411	0.0005	41	12	30
KKA0429	584759	6807411	0.0005	33	7	29
KKA0430	584839	6807411	0.0006	27	6	25
KKA0431	584879	6807411	0.0007	20	8	21
KKA0432	584919	6807411	0.0005	17	8	18



KKA0433	584959	6807411	0.0004	19	13	20
KKA0434	583759	6807311	0.0007	24	15	15
KKA0435	583799	6807311	0.0005	30	15	12
KKA0436	583839	6807311	0.0007	42	11	19
KKA0437	583879	6807311	0.0005	41	14	37
KKA0438	583919	6807311	0.001	54	12	44
KKA0439	583959	6807311	0.0003	38	6	33
KKA0440	583999	6807311	0.0005	41	8	31
KKA0441	584039	6807311	0.0013	34	10	27
KKA0442	584079	6807311	0.0009	34	8	28
KKA0443	584119	6807311	0.0011	35	10	29
KKA0444	584159	6807311	0.0016	32	11	19
KKA0445	584199	6807311	0.0069	45	8	40
KKA0446	584239	6807311	0.0029	44	7	35
KKA0447	584279	6807311	0.0084	52	7	37
KKA0448	584319	6807311	0.0017	41	8	25
KKA0449	584359	6807311	0.0033	42	9	27
KKA0450	584399	6807311	0.0025	43	7	24
KKA0451	584439	6807311	0.004	36	7	27
KKA0452	584479	6807311	0.0072	41	6	29
KKA0453	584519	6807311	0.0034	39	7	36
KKA0454	584559	6807311	0.0009	34	9	27
KKA0455	584599	6807311	0.0027	37	6	45
KKA0456	584639	6807311	0.002	37	3	39
KKA0457	584679	6807311	0.0008	32	7	40
KKA0458	584719	6807311	0.0012	35	6	37
KKA0459	584759	6807311	0.0008	39	9	30
KKA0460	584799	6807311	0.0008	31	9	30
KKA0461	584839	6807311	0.0005	26	7	30
KKA0462	584879	6807311	0.0008	24	10	20
KKA0463	584919	6807311	0.0011	14	12	15
KKA0464	584959	6807311	0.0002	11	11	12
KKA0465	583759	6807211	0.0008	51	13	42
KKA0466	583799	6807211	0.0005	42	12	36
KKA0467	583839	6807211	0.0006	35	10	26
KKA0468	583879	6807211	0.0006	44	6	33
KKA0469	583919	6807211	0.0007	46	6	33
KKA0470	583959	6807211	0.0008	53	6	29
KKA0471	583999	6807211	0.0007	37	7	29
KKA0472	584039	6807211	0.0005	30	10	24
KKA0473	584079	6807211	0.0005	31	7	29
KKA0474	584119	6807211	0.001	32	10	24
KKA0475	584159	6807211	0.0018	32	10	18
KKA0476	584839	6807211	0.0004	22	7	28



KKA0477	584879	6807211	0.0003	17	9	15
KKA0478	584919	6807211	0.0003	11	10	11
KKA0479	584959	6807211	0.001	33	12	30
KKA0480	583759	6807111	0.0008	35	6	53
KKA0481	583799	6807111	0.0013	43	7	31
KKA0482	583839	6807111	0.0014	39	7	34
KKA0483	583879	6807111	0.0007	36	6	28
KKA0484	583919	6807111	0.0011	51	6	34
KKA0485	583959	6807111	0.0008	42	7	29
KKA0486	583999	6807111	0.0005	31	7	26
KKA0487	584039	6807111	0.0008	33	8	26
KKA0488	584079	6807111	0.0019	32	10	21
KKA0489	584119	6807111	0.003	35	10	22
KKA0490	584159	6807111	0.0011	35	9	23
KKA0491	584199	6807111	0.0049	36	6	34
KKA0492	584239	6807111	0.002	49	9	30
KKA0493	584279	6807111	0.0082	51	8	38
KKA0494	584319	6807111	0.0065	43	6	43
KKA0495	584359	6807111	0.0022	38	8	28
KKA0496	584399	6807111	0.0017	40	10	21
KKA0497	584439	6807111	0.0028	49	11	32
KKA0498	584479	6807111	0.0026	33	6	25
KKA0499	584519	6807111	0.0018	37	9	22
KKA0500	584559	6807111	0.0018	33	8	22
KKA0501	584599	6807111	0.0009	42	10	61
KKA0502	584639	6807111	0.0006	33	8	39
KKA0503	584679	6807111	0.0008	36	8	34
KKA0504	584719	6807111	0.001	36	10	30
KKA0505	584759	6807111	0.0006	38	8	33
KKA0506	584799	6807111	0.0007	29	9	33
KKA0507	584839	6807111	0.0004	27	7	26
KKA0508	584879	6807111	0.0007	18	11	20
KKA0509	584919	6807111	0.0004	14	12	13
KKA0510	584959	6807111	0.0008	16	12	15
KKA0511	583759	6807011	0.0007	28	5	33
KKA0512	583839	6807011	0.0017	37	5	36
KKA0513	583879	6807011	0.0017	42	6	34
KKA0514	583919	6807011	0.0005	40	6	31
KKA0515	583959	6807011	0.0012	27	10	21
KKA0516	584759	6807011	0.0003	28	8	32
KKA0517	584839	6807011	0.0004	29	9	30
KKA0518	584879	6807011	0.0004	25	8	29
KKA0519	584919	6807011	0.0007	24	12	20
KKA0520	584959	6807011	0.0011	18	13	23



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KKA0524	577774.9	6809498	0.0006	NA	NA	NA
KKA0526	577794.9	6809498	0.0004	NA	NA	NA
KKA0528	577814.9	6809498	0.0015	NA	NA	NA
KKA0530	577834.9	6809498	0.0019	NA	NA	NA
KKA0532	577854.9	6809498	0.0004	NA	NA	NA
KKA0534	577874.9	6809498	0.0007	NA	NA	NA
KKA0536	577894.9	6809498	0.0015	NA	NA	NA
KKA0538	577914.9	6809498	0.0007	NA	NA	NA
KKA0540	577934.9	6809498	0.0006	NA	NA	NA
KKA0542	577954.9	6809498	0.0009	NA	NA	NA
KKA0544	577974.9	6809498	0.0008	NA	NA	NA
KKA0546	577994.9	6809498	0.0005	NA	NA	NA
KKA0548	578014.9	6809498	0.0007	NA	NA	NA
KKA0550	578034.9	6809498	0.0022	NA	NA	NA
KKA0552	578054.9	6809498	0.0006	NA	NA	NA
KKA0554	578074.9	6809498	0.0006	NA	NA	NA
KKA0556	578094.9	6809498	0.0006	NA	NA	NA
KKA0558	578114.9	6809498	0.0006	NA	NA	NA
KKA0560	578134.9	6809498	0.0015	NA	NA	NA
KKA0562	578154.9	6809498	0.0007	NA	NA	NA
KKA0564	578174.9	6809498	0.0011	NA	NA	NA
KKA0566	578194.9	6809498	0.0005	NA	NA	NA
KKA0568	578214.9	6809498	0.0008	NA	NA	NA
KKA0570	578234.9	6809498	0.0006	NA	NA	NA
KKA0572	578254.9	6809498	0.0005	NA	NA	NA
KKA0574	578274.9	6809498	0.0013	NA	NA	NA
KKA0576	578294.9	6809498	0.0006	NA	NA	NA
KKA0578	578314.9	6809498	0.0006	NA	NA	NA
KKA0580	578334.9	6809498	0.0004	NA	NA	NA
KKA0582	578354.9	6809498	0.0055	NA	NA	NA
KKA0584	578374.9	6809498	0.0004	NA	NA	NA
KKA0586	578394.9	6809498	0.0011	NA	NA	NA
KKA0588	578414.9	6809498	0.0012	NA	NA	NA
KKA0590	578434.9	6809498	0.0009	NA	NA	NA
KKA0592	578454.9	6809498	0.0017	NA	NA	NA
KKA0594	578474.9	6809498	0.0116	NA	NA	NA
KKA0596	578494.9	6809498	0.0017	NA	NA	NA
KKA0598	578514.9	6809498	0.0012	NA	NA	NA
KKA0599	577754.9	6809398	0.0009	NA	NA	NA
KKA0600	577774.9	6809398	0.0006	NA	NA	NA
KKA0601	577814.9	6809398	0.0005	NA	NA	NA
KKA0602	577834.9	6809398	0.0006	NA	NA	NA
KKA0603	577854.9	6809398	0.0017	NA	NA	NA



KKA0604	577874.9	6809398	0.0021	NA	NA	NA
KKA0605	577914.9	6809398	0.0015	NA	NA	NA
KKA0606	577934.9	6809398	0.0015	NA	NA	NA
KKA0607	577954.9	6809398	0.0014	NA	NA	NA
KKA0608	577974.9	6809398	0.0014	NA	NA	NA
KKA0609	577994.9	6809398	0.0009	NA	NA	NA
KKA0610	578014.9	6809398	0.0007	NA	NA	NA
KKA0611	578034.9	6809398	0.001	NA	NA	NA
KKA0612	578054.9	6809398	0.0006	NA	NA	NA
KKA0613	578074.9	6809398	0.001	NA	NA	NA
KKA0614	578094.9	6809398	0.0008	NA	NA	NA
KKA0615	578114.9	6809398	0.0012	NA	NA	NA
KKA0616	578134.9	6809398	0.0013	NA	NA	NA
KKA0617	578154.9	6809398	0.0013	NA	NA	NA
KKA0618	578174.9	6809398	0.0009	NA	NA	NA
KKA0619	578194.9	6809398	0.0016	NA	NA	NA
KKA0620	578214.9	6809398	0.0013	NA	NA	NA
KKA0621	578234.9	6809398	0.0021	NA	NA	NA
KKA0622	578254.9	6809398	0.0013	NA	NA	NA
KKA0623	578274.9	6809398	0.0015	NA	NA	NA
KKA0624	578314.9	6809398	0.0013	NA	NA	NA
KKA0625	578334.9	6809398	0.0006	NA	NA	NA
KKA0626	578354.9	6809398	0.0007	NA	NA	NA
KKA0627	578374.9	6809398	0.0007	NA	NA	NA
KKA0628	578394.9	6809398	0.0008	NA	NA	NA
KKA0629	578414.9	6809398	0.0009	NA	NA	NA
KKA0630	578434.9	6809398	0.0013	NA	NA	NA
KKA0631	577754.9	6809298	0.001	NA	NA	NA
KKA0632	577774.9	6809298	0.0006	NA	NA	NA
KKA0633	577794.9	6809298	0.0007	NA	NA	NA
KKA0634	577814.9	6809298	0.0005	NA	NA	NA
KKA0635	577834.9	6809298	0.0005	NA	NA	NA
KKA0636	577854.9	6809298	0.0009	NA	NA	NA
KKA0637	577874.9	6809298	0.0013	NA	NA	NA
KKA0638	577894.9	6809298	0.0009	NA	NA	NA
KKA0639	577914.9	6809298	0.0015	NA	NA	NA
KKA0640	577934.9	6809298	0.0011	NA	NA	NA
KKA0641	577954.9	6809298	0.0009	NA	NA	NA
KKA0642	577974.9	6809298	0.0016	NA	NA	NA
KKA0643	577994.9	6809298	0.001	NA	NA	NA
KKA0644	578014.9	6809298	0.0086	NA	NA	NA
KKA0645	578034.9	6809298	0.0018	NA	NA	NA
KKA0646	578054.9	6809298	0.0038	NA	NA	NA
KKA0647	578074.9	6809298	0.0018	NA	NA	NA



KKA0648	578094.9	6809298	0.0032	NA	NA	NA
KKA0649	578114.9	6809298	0.0005	NA	NA	NA
KKA0650	578134.9	6809298	0.0005	NA	NA	NA
KKA0651	578154.9	6809298	0.0008	NA	NA	NA
KKA0652	578174.9	6809298	0.0005	NA	NA	NA
KKA0653	578194.9	6809298	0.0004	NA	NA	NA
KKA0654	578214.9	6809298	0.0003	NA	NA	NA
KKA0655	578234.9	6809298	0.0004	NA	NA	NA
KKA0656	578254.9	6809298	0.0003	NA	NA	NA
KKA0657	578274.9	6809298	0.0003	NA	NA	NA
KKA0658	578294.9	6809298	0.0005	NA	NA	NA
KKA0659	578314.9	6809298	0.0006	NA	NA	NA
KKA0660	578334.9	6809298	0.003	NA	NA	NA
KKA0661	578394.9	6809298	0.0003	NA	NA	NA
KKA0662	578414.9	6809298	0.0012	NA	NA	NA
KKA0663	577774.9	6809198	0.0005	NA	NA	NA
KKA0664	577814.9	6809198	0.0004	NA	NA	NA
KKA0665	577834.9	6809198	0.0005	NA	NA	NA
KKA0666	577854.9	6809198	0.0012	NA	NA	NA
KKA0667	577874.9	6809198	0.0007	NA	NA	NA
KKA0668	577914.9	6809198	0.0006	NA	NA	NA
KKA0669	577934.9	6809198	0.001	NA	NA	NA
KKA0670	577954.9	6809198	0.002	NA	NA	NA
KKA0671	578014.9	6809198	0.003	NA	NA	NA
KKA0672	578034.9	6809198	0.0107	NA	NA	NA
KKA0673	578054.9	6809198	0.0088	NA	NA	NA
KKA0674	578074.9	6809198	0.0022	NA	NA	NA
KKA0675	578094.9	6809198	0.0015	NA	NA	NA
KKA0676	578114.9	6809198	0.0011	NA	NA	NA
KKA0677	578134.9	6809198	0.0006	NA	NA	NA
KKA0678	578154.9	6809198	0.0006	NA	NA	NA
KKA0679	578174.9	6809198	0.0008	NA	NA	NA
KKA0680	578194.9	6809198	0.0002	NA	NA	NA
KKA0681	578214.9	6809198	0.0005	NA	NA	NA
KKA0682	578234.9	6809198	0.0004	NA	NA	NA
KKA0683	578254.9	6809198	0.0006	NA	NA	NA
KKA0684	578274.9	6809198	0.0009	NA	NA	NA
KKA0685	578294.9	6809198	0.0004	NA	NA	NA
KKA0686	578314.9	6809198	0.0004	NA	NA	NA
KKA0687	578334.9	6809198	0.0007	NA	NA	NA
KKA0688	578374.9	6809198	0.0035	NA	NA	NA
KKA0689	578394.9	6809198	0.0012	NA	NA	NA
KKA0690	577834.9	6809098	0.0003	NA	NA	NA
KKA0691	577854.9	6809098	0.0005	NA	NA	NA



KKA0692	577874.9	6809098	0.0006	NA	NA	NA
KKA0693	577894.9	6809098	0.0005	NA	NA	NA
KKA0694	577914.9	6809098	0.0006	NA	NA	NA
KKA0695	577934.9	6809098	0.001	NA	NA	NA
KKA0696	577954.9	6809098	0.001	NA	NA	NA
KKA0697	577974.9	6809098	0.0014	NA	NA	NA
KKA0698	577994.9	6809098	0.0031	NA	NA	NA
KKA0699	578014.9	6809098	0.0036	NA	NA	NA
KKA0700	578054.9	6809098	0.0215	NA	NA	NA
KKA0701	578074.9	6809098	0.0078	NA	NA	NA
KKA0702	578114.9	6809098	0.0023	NA	NA	NA
KKA0703	578134.9	6809098	0.0009	NA	NA	NA
KKA0704	578154.9	6809098	0.0012	NA	NA	NA
KKA0705	578174.9	6809098	0.0006	NA	NA	NA
KKA0706	578194.9	6809098	0.001	NA	NA	NA
KKA0707	578214.9	6809098	0.0005	NA	NA	NA
KKA0708	578234.9	6809098	0.0003	NA	NA	NA
KKA0709	578254.9	6809098	0.0006	NA	NA	NA
KKA0710	578274.9	6809098	0.0008	NA	NA	NA
KKA0711	578294.9	6809098	0.0007	NA	NA	NA
KKA0712	578314.9	6809098	0.0009	NA	NA	NA
KKA0713	578334.9	6809098	0.0004	NA	NA	NA
KKA0714	578354.9	6809098	0.0006	NA	NA	NA
KKA0715	578374.9	6809098	0.0007	NA	NA	NA
KKA0716	578394.9	6809098	0.0013	NA	NA	NA
KKA0717	577834.9	6808998	0.0018	NA	NA	NA
KKA0718	577854.9	6808998	0.0016	NA	NA	NA
KKA0719	577874.9	6808998	0.0013	NA	NA	NA
KKA0720	577914.9	6808998	0.001	NA	NA	NA
KKA0721	577934.9	6808998	0.0017	NA	NA	NA
KKA0722	577974.9	6808998	0.0037	NA	NA	NA
KKA0723	578014.9	6808998	0.0021	NA	NA	NA
KKA0724	578034.9	6808998	0.0038	NA	NA	NA
KKA0725	578054.9	6808998	0.0029	NA	NA	NA
KKA0726	578074.9	6808998	0.0018	NA	NA	NA
KKA0727	578114.9	6808998	0.0025	NA	NA	NA
KKA0728	578134.9	6808998	0.0029	NA	NA	NA
KKA0729	578154.9	6808998	0.0019	NA	NA	NA
KKA0730	578174.9	6808998	0.001	NA	NA	NA
KKA0731	578214.9	6808998	0.0008	NA	NA	NA
KKA0732	578234.9	6808998	0.001	NA	NA	NA
KKA0733	578254.9	6808998	0.001	NA	NA	NA
KKA0734	578274.9	6808998	0.0004	NA	NA	NA
KKA0735	578294.9	6808998	0.001	NA	NA	NA



KKA0736	578314.9	6808998	0.0004	NA	NA	NA
KKA0737	578334.9	6808998	0.0004	NA	NA	NA
KKA0738	578354.9	6808998	0.0009	NA	NA	NA
KKA0739	578374.9	6808998	0.0007	NA	NA	NA
KKA0740	578394.9	6808998	0.0006	NA	NA	NA
KKA0741	578414.9	6808998	0.0007	NA	NA	NA
KKA0742	577894.9	6808898	0.0007	NA	NA	NA
KKA0743	577914.9	6808898	0.0012	NA	NA	NA
KKA0744	577934.9	6808898	0.0018	NA	NA	NA
KKA0745	577954.9	6808898	0.0028	NA	NA	NA
KKA0746	577974.9	6808898	0.0028	NA	NA	NA
KKA0747	577994.9	6808898	0.83	NA	NA	NA
KKA0748	578014.9	6808898	0.0022	NA	NA	NA
KKA0749	578034.9	6808898	0.0022	NA	NA	NA
KKA0750	578054.9	6808898	0.0008	NA	NA	NA
KKA0751	578074.9	6808898	0.0013	NA	NA	NA
KKA0752	578094.9	6808898	0.0008	NA	NA	NA
KKA0753	578114.9	6808898	0.0031	NA	NA	NA
KKA0754	578134.9	6808898	0.0038	NA	NA	NA
KKA0755	578154.9	6808898	0.0019	NA	NA	NA
KKA0756	578174.9	6808898	0.0068	NA	NA	NA
KKA0757	578194.9	6808898	0.0006	NA	NA	NA
KKA0758	578214.9	6808898	0.0002	NA	NA	NA
KKA0759	578234.9	6808898	0.0006	NA	NA	NA
KKA0760	578254.9	6808898	0.0002	NA	NA	NA
KKA0761	578274.9	6808898	0.0003	NA	NA	NA
KKA0762	578294.9	6808898	0.0005	NA	NA	NA
KKA0763	578314.9	6808898	0.0007	NA	NA	NA
KKA0764	578334.9	6808898	0.0006	NA	NA	NA
KKA0765	578354.9	6808898	0.0005	NA	NA	NA
KKA0766	578374.9	6808898	0.0019	NA	NA	NA
KKA0767	578394.9	6808898	0.0008	NA	NA	NA
KKA0768	578414.9	6808898	0.0006	NA	NA	NA
KKA0769	577914.9	6808798	0.0011	NA	NA	NA
KKA0770	577934.9	6808798	0.0018	NA	NA	NA
KKA0771	577954.9	6808798	0.002	NA	NA	NA
KKA0772	577974.9	6808798	0.0009	NA	NA	NA
KKA0773	578014.9	6808798	0.0009	NA	NA	NA
KKA0774	578034.9	6808798	0.0005	NA	NA	NA
KKA0775	578054.9	6808798	0.0003	NA	NA	NA
KKA0776	578074.9	6808798	0.0014	NA	NA	NA
KKA0777	578114.9	6808798	0.0013	NA	NA	NA
KKA0778	578134.9	6808798	0.0014	NA	NA	NA
KKA0779	578154.9	6808798	0.001	NA	NA	NA



KKA0780	578174.9	6808798	0.0007	NA	NA	NA
KKA0781	578194.9	6808798	0.0016	NA	NA	NA
KKA0782	578214.9	6808798	0.0005	NA	NA	NA
KKA0783	578234.9	6808798	0.0003	NA	NA	NA
KKA0784	578254.9	6808798	0.0004	NA	NA	NA
KKA0785	578274.9	6808798	0.0014	NA	NA	NA
KKA0786	578314.9	6808798	0.0009	NA	NA	NA
KKA0787	578334.9	6808798	0.002	NA	NA	NA
KKA0788	578354.9	6808798	0.0018	NA	NA	NA
KKA0789	578374.9	6808798	0.0031	NA	NA	NA
KKA0790	578394.9	6808798	0.0009	NA	NA	NA
KKA0791	577954.9	6808698	0.0016	NA	NA	NA
KKA0792	577974.9	6808698	0.0012	NA	NA	NA
KKA0793	577994.9	6808698	0.0008	NA	NA	NA
KKA0794	578014.9	6808698	0.0009	NA	NA	NA
KKA0795	578034.9	6808698	0.0013	NA	NA	NA
KKA0796	578054.9	6808698	0.001	NA	NA	NA
KKA0797	578074.9	6808698	0.0012	NA	NA	NA
KKA0798	578094.9	6808698	0.0013	NA	NA	NA
KKA0799	578114.9	6808698	0.0169	NA	NA	NA
KKA0800	578134.9	6808698	0.0035	NA	NA	NA
KKA0801	578154.9	6808698	0.0009	NA	NA	NA
KKA0802	578174.9	6808698	0.0017	NA	NA	NA
KKA0803	578194.9	6808698	0.0006	NA	NA	NA
KKA0804	578214.9	6808698	0.0006	NA	NA	NA
KKA0805	578234.9	6808698	0.0005	NA	NA	NA
KKA0806	578254.9	6808698	0.0012	NA	NA	NA
KKA0807	578274.9	6808698	0.0005	NA	NA	NA
KKA0808	578294.9	6808698	0.0009	NA	NA	NA
KKA0809	578314.9	6808698	0.0008	NA	NA	NA
KKA0810	578334.9	6808698	0.0017	NA	NA	NA
KKA0811	578014.9	6808598	0.0014	NA	NA	NA
KKA0812	578034.9	6808598	0.0014	NA	NA	NA
KKA0813	578054.9	6808598	0.0019	NA	NA	NA
KKA0814	578074.9	6808598	0.0017	NA	NA	NA
KKA0815	578114.9	6808598	0.001	NA	NA	NA
KKA0816	578134.9	6808598	0.0008	NA	NA	NA
KKA0817	578154.9	6808598	0.0011	NA	NA	NA
KKA0818	578174.9	6808598	0.0005	NA	NA	NA
KKA0819	578214.9	6808598	0.0006	NA	NA	NA
KKA0820	578234.9	6808598	0.0007	NA	NA	NA
KKA0821	578254.9	6808598	0.0003	NA	NA	NA
KKA0822	578274.9	6808598	0.0007	NA	NA	NA
KKA0823	578314.9	6808598	0.0008	NA	NA	NA



KKA0824	578687.1	6810856	0.0005	NA	NA	NA
KKA0825	578707.1	6810856	0.0004	NA	NA	NA
KKA0826	578727.1	6810856	0.0004	NA	NA	NA
KKA0827	578747.1	6810856	0.0008	NA	NA	NA
KKA0828	578767.1	6810856	0.0006	NA	NA	NA
KKA0829	578787.1	6810856	0.0007	NA	NA	NA
KKA0830	578807.1	6810856	0.0009	NA	NA	NA
KKA0831	578827.1	6810856	0.0005	NA	NA	NA
KKA0832	578847.1	6810856	0.0006	NA	NA	NA
KKA0833	578867.1	6810856	0.0004	NA	NA	NA
KKA0834	578887.1	6810856	0.0004	NA	NA	NA
KKA0835	578907.1	6810856	0.0006	NA	NA	NA
KKA0836	578927.1	6810856	0.0006	NA	NA	NA
KKA0837	578947.1	6810856	0.0008	NA	NA	NA
KKA0838	578967.1	6810856	0.0025	NA	NA	NA
KKA0839	578987.1	6810856	0.0018	NA	NA	NA
KKA0840	579007.1	6810856	0.0009	NA	NA	NA
KKA0841	579027.1	6810856	0.0026	NA	NA	NA
KKA0842	579047.1	6810856	0.0013	NA	NA	NA
KKA0843	579067.1	6810856	0.0005	NA	NA	NA
KKA0844	579087.1	6810856	0.0005	NA	NA	NA
KKA0845	579107.1	6810856	0.0004	NA	NA	NA
KKA0846	579127.1	6810856	0.0003	NA	NA	NA
KKA0847	579147.1	6810856	0.0004	NA	NA	NA
KKA0848	579167.1	6810856	0.0006	NA	NA	NA
KKA0849	579187.1	6810856	0.0004	NA	NA	NA
KKA0850	579207.1	6810856	0.0003	NA	NA	NA
KKA0851	579227.1	6810856	0.0004	NA	NA	NA
KKA0852	579247.1	6810856	0.0003	NA	NA	NA
KKA0853	579267.1	6810856	0.0003	NA	NA	NA
KKA0854	579287.1	6810856	0.0003	NA	NA	NA
KKA0855	579307.1	6810856	0.0003	NA	NA	NA
KKA0856	579327.1	6810856	0.0002	NA	NA	NA
KKA0857	579347.1	6810856	0.0001	NA	NA	NA
KKA0858	579367.1	6810856	0.0002	NA	NA	NA
KKA0859	579387.1	6810856	0.0002	NA	NA	NA
KKA0860	579407.1	6810856	0.0001	NA	NA	NA
KKA0861	579427.1	6810856	0.0002	NA	NA	NA
KKA0862	579447.1	6810856	0.0004	NA	NA	NA
KKA0863	579467.1	6810856	0.0002	NA	NA	NA
KKA0864	579487.1	6810856	0.0031	NA	NA	NA
KKA0865	579507.1	6810856	0.004	NA	NA	NA
KKA0866	579527.1	6810856	0.006	NA	NA	NA
KKA0867	579547.1	6810856	0.0054	NA	NA	NA



KKA0868	578687.1	6810756	0.0007	NA	NA	NA
KKA0869	578707.1	6810756	0.0006	NA	NA	NA
KKA0870	578727.1	6810756	0.0006	NA	NA	NA
KKA0871	578747.1	6810756	0.0003	NA	NA	NA
KKA0872	578767.1	6810756	0.0004	NA	NA	NA
KKA0873	578787.1	6810756	0.0016	NA	NA	NA
KKA0874	578807.1	6810756	0.0004	NA	NA	NA
KKA0875	578827.1	6810756	0.0003	NA	NA	NA
KKA0876	578847.1	6810756	0.0004	NA	NA	NA
KKA0877	578867.1	6810756	0.0006	NA	NA	NA
KKA0878	578887.1	6810756	0.0005	NA	NA	NA
KKA0879	578907.1	6810756	0.0005	NA	NA	NA
KKA0880	578927.1	6810756	0.0006	NA	NA	NA
KKA0881	578947.1	6810756	0.0004	NA	NA	NA
KKA0882	578967.1	6810756	0.0008	NA	NA	NA
KKA0883	578987.1	6810756	0.0006	NA	NA	NA
KKA0884	579007.1	6810756	0.0008	NA	NA	NA
KKA0885	579027.1	6810756	0.0015	NA	NA	NA
KKA0886	579047.1	6810756	0.0031	NA	NA	NA
KKA0887	579067.1	6810756	0.0014	NA	NA	NA
KKA0888	579087.1	6810756	0.0015	NA	NA	NA
KKA0889	579107.1	6810756	0.0013	NA	NA	NA
KKA0890	579127.1	6810756	0.001	NA	NA	NA
KKA0891	579147.1	6810756	0.0004	NA	NA	NA
KKA0892	579167.1	6810756	0.0004	NA	NA	NA
KKA0893	579187.1	6810756	0.0006	NA	NA	NA
KKA0894	579207.1	6810756	0.0004	NA	NA	NA
KKA0895	579227.1	6810756	0.0004	NA	NA	NA
KKA0896	579247.1	6810756	0.0005	NA	NA	NA
KKA0897	579267.1	6810756	0.0006	NA	NA	NA
KKA0898	579287.1	6810756	0.0007	NA	NA	NA
KKA0899	579307.1	6810756	0.0002	NA	NA	NA
KKA0900	579327.1	6810756	0.0004	NA	NA	NA
KKA0901	579347.1	6810756	0.0003	NA	NA	NA
KKA0902	579367.1	6810756	0.0006	NA	NA	NA
KKA0903	579387.1	6810756	0.0006	NA	NA	NA
KKA0904	579407.1	6810756	0.0007	NA	NA	NA
KKA0905	579427.1	6810756	0.0006	NA	NA	NA
KKA0906	579447.1	6810756	0.0014	NA	NA	NA
KKA0907	579467.1	6810756	0.0024	NA	NA	NA
KKA0908	579487.1	6810756	0.0019	NA	NA	NA
KKA0909	579507.1	6810756	0.0027	NA	NA	NA
KKA0910	579527.1	6810756	0.0037	NA	NA	NA
KKA0911	578667.1	6810656	0.0006	NA	NA	NA



KKA0912	578687.1	6810656	0.0007	NA	NA	NA
KKA0913	578707.1	6810656	0.0011	NA	NA	NA
KKA0914	578727.1	6810656	0.0005	NA	NA	NA
KKA0915	578747.1	6810656	0.0005	NA	NA	NA
KKA0916	578767.1	6810656	0.0006	NA	NA	NA
KKA0917	578787.1	6810656	0.0006	NA	NA	NA
KKA0918	578807.1	6810656	0.0006	NA	NA	NA
KKA0919	578827.1	6810656	0.0007	NA	NA	NA
KKA0920	578847.1	6810656	0.0007	NA	NA	NA
KKA0921	578867.1	6810656	0.0006	NA	NA	NA
KKA0922	578887.1	6810656	0.0008	NA	NA	NA
KKA0923	578907.1	6810656	0.0029	NA	NA	NA
KKA0924	578927.1	6810656	0.0007	NA	NA	NA
KKA0925	578947.1	6810656	0.001	NA	NA	NA
KKA0926	578967.1	6810656	0.0012	NA	NA	NA
KKA0927	578987.1	6810656	0.0009	NA	NA	NA
KKA0928	579007.1	6810656	0.0014	NA	NA	NA
KKA0929	579027.1	6810656	0.0017	NA	NA	NA
KKA0930	579047.1	6810656	0.0007	NA	NA	NA
KKA0931	579067.1	6810656	0.0014	NA	NA	NA
KKA0932	579087.1	6810656	0.0019	NA	NA	NA
KKA0933	579107.1	6810656	0.0547	NA	NA	NA
KKA0934	579127.1	6810656	0.027	NA	NA	NA
KKA0935	579147.1	6810656	0.006	NA	NA	NA
KKA0936	579167.1	6810656	0.0014	NA	NA	NA
KKA0937	579187.1	6810656	0.0011	NA	NA	NA
KKA0938	579207.1	6810656	0.0008	NA	NA	NA
KKA0939	579227.1	6810656	0.0008	NA	NA	NA
KKA0940	579247.1	6810656	0.0002	NA	NA	NA
KKA0941	579267.1	6810656	0.0006	NA	NA	NA
KKA0942	579287.1	6810656	0.0003	NA	NA	NA
KKA0943	579307.1	6810656	0.0002	NA	NA	NA
KKA0944	579327.1	6810656	0.0002	NA	NA	NA
KKA0945	579347.1	6810656	0.0007	NA	NA	NA
KKA0946	579367.1	6810656	0.0025	NA	NA	NA
KKA0947	579387.1	6810656	0.0018	NA	NA	NA
KKA0948	579407.1	6810656	0.0005	NA	NA	NA
KKA0949	579427.1	6810656	0.0004	NA	NA	NA
KKA0950	579447.1	6810656	0.0004	NA	NA	NA
KKA0951	579467.1	6810656	0.0011	NA	NA	NA
KKA0952	579487.1	6810656	0.0021	NA	NA	NA
KKA0953	579507.1	6810656	0.0042	NA	NA	NA
KKA0954	579527.1	6810656	0.012	NA	NA	NA
KKA0955	578627.1	6810556	0.0005	NA	NA	NA



KKA0956	578647.1	6810556	0.0011	NA	NA	NA
KKA0957	578667.1	6810556	0.0006	NA	NA	NA
KKA0958	578687.1	6810556	0.0004	NA	NA	NA
KKA0959	578707.1	6810556	0.0005	NA	NA	NA
KKA0960	578727.1	6810556	0.0005	NA	NA	NA
KKA0961	578747.1	6810556	0.0006	NA	NA	NA
KKA0962	578767.1	6810556	0.0004	NA	NA	NA
KKA0963	578787.1	6810556	0.0009	NA	NA	NA
KKA0964	578807.1	6810556	0.0008	NA	NA	NA
KKA0965	578827.1	6810556	0.0009	NA	NA	NA
KKA0966	578847.1	6810556	0.0007	NA	NA	NA
KKA0967	578867.1	6810556	0.0025	NA	NA	NA
KKA0968	578887.1	6810556	0.0012	NA	NA	NA
KKA0969	578907.1	6810556	0.0015	NA	NA	NA
KKA0970	578927.1	6810556	0.0015	NA	NA	NA
KKA0971	578947.1	6810556	0.0016	NA	NA	NA
KKA0972	578967.1	6810556	0.003	NA	NA	NA
KKA0973	578987.1	6810556	0.0093	NA	NA	NA
KKA0974	579007.1	6810556	0.0083	NA	NA	NA
KKA0975	579027.1	6810556	0.0041	NA	NA	NA
KKA0976	579047.1	6810556	0.0027	NA	NA	NA
KKA0977	579067.1	6810556	0.0174	NA	NA	NA
KKA0978	579087.1	6810556	0.0157	NA	NA	NA
KKA0979	579107.1	6810556	0.0106	NA	NA	NA
KKA0980	579127.1	6810556	0.0462	NA	NA	NA
KKA0981	579147.1	6810556	0.0169	NA	NA	NA
KKA0982	579167.1	6810556	0.0279	NA	NA	NA
KKA0983	579187.1	6810556	0.0087	NA	NA	NA
KKA0984	579207.1	6810556	0.0034	NA	NA	NA
KKA0985	579227.1	6810556	0.0026	NA	NA	NA
KKA0986	579247.1	6810556	0.0014	NA	NA	NA
KKA0987	579267.1	6810556	0.0007	NA	NA	NA
KKA0988	579287.1	6810556	0.0005	NA	NA	NA
KKA0989	579307.1	6810556	0.0006	NA	NA	NA
KKA0990	579327.1	6810556	0.0019	NA	NA	NA
KKA0991	579347.1	6810556	0.001	NA	NA	NA
KKA0992	579367.1	6810556	0.0004	NA	NA	NA
KKA0993	579387.1	6810556	0.0002	NA	NA	NA
KKA0994	579407.1	6810556	0.0003	NA	NA	NA
KKA0995	579427.1	6810556	0.0005	NA	NA	NA
KKA0996	579447.1	6810556	0.0004	NA	NA	NA
KKA0997	579467.1	6810556	0.0052	NA	NA	NA
KKA0998	579487.1	6810556	0.0034	NA	NA	NA
KKA0999	579507.1	6810556	0.0009	NA	NA	NA



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KKA1001	578627.1	6810456	0.0049	NA	NA	NA
KKA1002	578647.1	6810456	0.004	NA	NA	NA
KKA1003	578667.1	6810456	0.0031	NA	NA	NA
KKA1004	578687.1	6810456	0.0024	NA	NA	NA
KKA1005	578707.1	6810456	0.0034	NA	NA	NA
KKA1006	578727.1	6810456	0.0058	NA	NA	NA
KKA1007	578747.1	6810456	0.0104	NA	NA	NA
KKA1008	578767.1	6810456	0.012	NA	NA	NA
KKA1009	578787.1	6810456	0.0109	NA	NA	NA
KKA1010	578807.1	6810456	0.0124	NA	NA	NA
KKA1011	578827.1	6810456	0.016	NA	NA	NA
KKA1012	578847.1	6810456	0.0155	NA	NA	NA
KKA1013	578867.1	6810456	0.0183	NA	NA	NA
KKA1014	578887.1	6810456	0.0314	NA	NA	NA
KKA1015	578907.1	6810456	0.0437	NA	NA	NA
KKA1016	578927.1	6810456	0.0665	NA	NA	NA
KKA1017	578947.1	6810456	0.0524	NA	NA	NA
KKA1018	578967.1	6810456	0.0176	NA	NA	NA
KKA1019	578987.1	6810456	0.0366	NA	NA	NA
KKA1020	579007.1	6810456	0.0368	NA	NA	NA
KKA1021	579027.1	6810456	0.026	NA	NA	NA
KKA1022	579047.1	6810456	0.0089	NA	NA	NA
KKA1023	579067.1	6810456	0.0336	NA	NA	NA
KKA1024	579087.1	6810456	0.0166	NA	NA	NA
KKA1025	579107.1	6810456	0.0063	NA	NA	NA
KKA1026	579127.1	6810456	0.0087	NA	NA	NA
KKA1027	579147.1	6810456	0.0109	NA	NA	NA
KKA1028	579167.1	6810456	0.0198	NA	NA	NA
KKA1029	579187.1	6810456	0.0114	NA	NA	NA
KKA1030	579207.1	6810456	0.0527	NA	NA	NA
KKA1031	579227.1	6810456	0.0096	NA	NA	NA
KKA1032	579247.1	6810456	0.0061	NA	NA	NA
KKA1033	579267.1	6810456	0.0033	NA	NA	NA
KKA1034	579287.1	6810456	0.0017	NA	NA	NA
KKA1035	579307.1	6810456	0.0014	NA	NA	NA
KKA1036	579327.1	6810456	0.0009	NA	NA	NA
KKA1037	579347.1	6810456	0.0023	NA	NA	NA
KKA1038	579367.1	6810456	0.0009	NA	NA	NA
KKA1039	579387.1	6810456	0.0003	NA	NA	NA
KKA1040	579407.1	6810456	0.0005	NA	NA	NA
KKA1041	579427.1	6810456	0.001	NA	NA	NA
KKA1042	579447.1	6810456	0.0008	NA	NA	NA
KKA1043	579467.1	6810456	0.0008	NA	NA	NA



KKA1044	579487.1	6810456	0.0007	NA	NA	NA
KKA1045	579507.1	6810456	0.0005	NA	NA	NA
KKA1046	579527.1	6810456	0.0006	NA	NA	NA
KKA1047	578607.1	6810356	0.0023	NA	NA	NA
KKA1048	578627.1	6810356	0.0021	NA	NA	NA
KKA1049	578647.1	6810356	0.0014	NA	NA	NA
KKA1050	578667.1	6810356	0.0024	NA	NA	NA
KKA1051	578687.1	6810356	0.0033	NA	NA	NA
KKA1052	578707.1	6810356	0.0055	NA	NA	NA
KKA1053	578727.1	6810356	0.0046	NA	NA	NA
KKA1054	578747.1	6810356	0.0037	NA	NA	NA
KKA1055	578767.1	6810356	0.009	NA	NA	NA
KKA1056	578787.1	6810356	0.0063	NA	NA	NA
KKA1057	578807.1	6810356	0.0061	NA	NA	NA
KKA1058	578827.1	6810356	0.0026	NA	NA	NA
KKA1059	578847.1	6810356	0.0029	NA	NA	NA
KKA1060	578867.1	6810356	0.0031	NA	NA	NA
KKA1061	578887.1	6810356	0.0118	NA	NA	NA
KKA1062	578907.1	6810356	0.0154	NA	NA	NA
KKA1063	578927.1	6810356	0.0086	NA	NA	NA
KKA1064	578947.1	6810356	0.0074	NA	NA	NA
KKA1065	578967.1	6810356	0.0117	NA	NA	NA
KKA1066	578987.1	6810356	0.0278	NA	NA	NA
KKA1067	579007.1	6810356	0.0262	NA	NA	NA
KKA1068	579027.1	6810356	0.0201	NA	NA	NA
KKA1069	579047.1	6810356	0.0515	NA	NA	NA
KKA1070	579067.1	6810356	0.0331	NA	NA	NA
KKA1071	579087.1	6810356	0.0204	NA	NA	NA
KKA1072	579107.1	6810356	0.0259	NA	NA	NA
KKA1073	579127.1	6810356	0.0164	NA	NA	NA
KKA1074	579147.1	6810356	0.0075	NA	NA	NA
KKA1075	579167.1	6810356	0.0062	NA	NA	NA
KKA1076	579187.1	6810356	0.0032	NA	NA	NA
KKA1077	579207.1	6810356	0.009	NA	NA	NA
KKA1078	579227.1	6810356	0.003	NA	NA	NA
KKA1079	579247.1	6810356	0.0027	NA	NA	NA
KKA1080	579267.1	6810356	0.002	NA	NA	NA
KKA1081	579287.1	6810356	0.0012	NA	NA	NA
KKA1082	579307.1	6810356	0.0018	NA	NA	NA
KKA1083	579327.1	6810356	0.0026	NA	NA	NA
KKA1084	579347.1	6810356	0.0011	NA	NA	NA
KKA1085	579367.1	6810356	0.0004	NA	NA	NA
KKA1086	579387.1	6810356	0.0004	NA	NA	NA
KKA1087	579407.1	6810356	0.0003	NA	NA	NA



KKA1088	579427.1	6810356	0.0011	NA	NA	NA
KKA1089	579447.1	6810356	0.0015	NA	NA	NA
KKA1090	579467.1	6810356	0.0008	NA	NA	NA
KKA1091	579487.1	6810356	0.0007	NA	NA	NA
KKA1092	579507.1	6810356	0.0009	NA	NA	NA
KKA1093	578587.1	6810156	0.0044	NA	NA	NA
KKA1094	578607.1	6810156	0.0016	NA	NA	NA
KKA1095	578627.1	6810156	0.0032	NA	NA	NA
KKA1096	578647.1	6810156	0.0025	NA	NA	NA
KKA1097	578667.1	6810156	0.0036	NA	NA	NA
KKA1098	578687.1	6810156	0.0048	NA	NA	NA
KKA1099	578707.1	6810156	0.0063	NA	NA	NA
KKA1100	578727.1	6810156	0.0036	NA	NA	NA
KKA1101	578747.1	6810156	0.0034	NA	NA	NA
KKA1102	578767.1	6810156	0.0052	NA	NA	NA
KKA1103	578787.1	6810156	0.0057	NA	NA	NA
KKA1104	578807.1	6810156	0.0058	NA	NA	NA
KKA1105	578827.1	6810156	0.0107	NA	NA	NA
KKA1106	578847.1	6810156	0.0073	NA	NA	NA
KKA1107	578867.1	6810156	0.0224	NA	NA	NA
KKA1108	578887.1	6810156	0.0258	NA	NA	NA
KKA1109	578907.1	6810156	0.0044	NA	NA	NA
KKA1110	578927.1	6810156	0.006	NA	NA	NA
KKA1111	578947.1	6810156	0.0094	NA	NA	NA
KKA1112	578967.1	6810156	0.0098	NA	NA	NA
KKA1113	578987.1	6810156	0.0112	NA	NA	NA
KKA1114	579007.1	6810156	0.0056	NA	NA	NA
KKA1115	579027.1	6810156	0.0023	NA	NA	NA
KKA1116	579047.1	6810156	0.0024	NA	NA	NA
KKA1117	579067.1	6810156	0.004	NA	NA	NA
KKA1118	579107.1	6810156	0.0049	NA	NA	NA
KKA1119	579127.1	6810156	0.0022	NA	NA	NA
KKA1120	579147.1	6810156	0.0047	NA	NA	NA
KKA1121	579167.1	6810156	0.0057	NA	NA	NA
KKA1122	579187.1	6810156	0.0123	NA	NA	NA
KKA1123	579207.1	6810156	0.0079	NA	NA	NA
KKA1124	579227.1	6810156	0.0051	NA	NA	NA
KKA1125	579247.1	6810156	0.0057	NA	NA	NA
KKA1126	579267.1	6810156	0.0072	NA	NA	NA
KKA1127	579287.1	6810156	0.0017	NA	NA	NA
KKA1128	579307.1	6810156	0.0018	NA	NA	NA
KKA1129	579327.1	6810156	0.002	NA	NA	NA
KKA1130	579347.1	6810156	0.0015	NA	NA	NA
KKA1131	579367.1	6810156	0.0016	NA	NA	NA



KKA1132	579387.1	6810156	0.0036	NA	NA	NA
KKA1133	579407.1	6810156	0.0034	NA	NA	NA
KKA1134	579427.1	6810156	0.0066	NA	NA	NA
KKA1135	579447.1	6810156	0.0057	NA	NA	NA
KKA1136	579467.1	6810156	0.0048	NA	NA	NA
KKA1137	577008.3	6833169	0.0002	7	5	9
KKA1138	577028.3	6833169	0.0002	8	6	9
KKA1139	577048.3	6833169	0.0026	8	5	12
KKA1140	577068.3	6833169	0.0004	10	6	14
KKA1141	577088.3	6833169	0.0005	8	6	12
KKA1142	577108.3	6833169	0.0003	8	4	10
KKA1143	577128.3	6833169	0.0005	9	6	12
KKA1144	577148.3	6833169	0.0003	8	6	11
KKA1145	577168.3	6833169	0.0004	7	5	11
KKA1146	577188.3	6833169	0.0001	9	6	12
KKA1147	577208.3	6833169	0.0001	9	6	13
KKA1148	577228.3	6833169	0.0003	10	5	12
KKA1149	577248.3	6833169	0.0003	7	5	11
KKA1150	577268.3	6833169	0.0001	9	4	12
KKA1151	576528.3	6833069	0.0003	18	8	18
KKA1152	576548.3	6833069	0.0004	19	7	18
KKA1153	576568.3	6833069	0.0004	17	7	17
KKA1154	576588.3	6833069	0.0004	17	7	15
KKA1155	576608.3	6833069	0.0005	16	8	14
KKA1156	576628.3	6833069	0.0006	17	8	15
KKA1157	576648.3	6833069	0.0006	17	9	16
KKA1158	576668.3	6833069	0.001	21	11	18
KKA1159	576688.3	6833069	0.001	18	10	17
KKA1162	576748.3	6833069	0.0011	19	9	14
KKA1163	576768.3	6833069	0.0016	23	8	19
KKA1164	576788.3	6833069	0.0022	32	10	21
KKA1165	576808.3	6833069	0.004	48	16	31
KKA1166	576828.3	6833069	0.0009	23	11	17
KKA1167	576848.3	6833069	0.0008	16	8	16
KKA1168	576868.3	6833069	0.0005	16	10	17
KKA1169	576888.3	6833069	0.001	43	8	16
KKA1170	576908.3	6833069	0.0121	103	10	23
KKA1171	576928.3	6833069	0.0037	86	10	20
KKA1172	576948.3	6833069	0.0007	14	9	17
KKA1173	576968.3	6833069	0.0003	9	7	9
KKA1174	576988.3	6833069	0.0002	10	7	10
KKA1175	577008.3	6833069	0.0004	11	7	14
KKA1176	577028.3	6833069	0.0005	17	8	26
KKA1177	577048.3	6833069	0.0007	21	12	36



KKA1178	577068.3	6833069	0.0005	15	8	18
KKA1179	577088.3	6833069	0.0003	8	7	11
KKA1180	577108.3	6833069	0.0003	8	5	10
KKA1181	577128.3	6833069	0.0002	7	5	9
KKA1182	577148.3	6833069	0.0002	8	6	10
KKA1183	577168.3	6833069	0.0004	9	6	12
KKA1184	577188.3	6833069	0.0003	9	4	12
KKA1185	577208.3	6833069	0.0002	7	6	12
KKA1186	577228.3	6833069	0.0003	10	7	13
KKA1187	577248.3	6833069	0.0002	10	7	14
KKA1188	577268.3	6833069	0.0002	10	6	14
KKA1189	577288.3	6833069	0.0004	10	8	16
KKA1190	576428.3	6832969	0.0002	17	7	18
KKA1191	576448.3	6832969	0.0004	19	10	23
KKA1192	576468.3	6832969	0.0003	18	8	18
KKA1193	576488.3	6832969	0.0005	20	11	22
KKA1194	576508.3	6832969	0.0004	19	9	21
KKA1195	576528.3	6832969	0.0005	20	11	21
KKA1196	576548.3	6832969	0.0003	18	9	17
KKA1197	576568.3	6832969	0.0004	18	9	19
KKA1198	576588.3	6832969	0.0004	20	10	20
KKA1199	576608.3	6832969	0.0004	19	10	19
KKA1200	576628.3	6832969	0.0003	19	9	19
KKA1201	576648.3	6832969	0.0004	18	10	18
KKA1202	576668.3	6832969	0.0005	18	8	18
KKA1203	576688.3	6832969	0.0006	16	8	17
KKA1204	576708.3	6832969	0.0012	21	9	22
KKA1207	576768.3	6832969	0.0017	27	12	35
KKA1208	576788.3	6832969	0.0015	28	11	36
KKA1209	576808.3	6832969	0.0013	39	14	47
KKA1210	576828.3	6832969	0.0011	35	14	42
KKA1211	576848.3	6832969	0.0011	32	15	40
KKA1212	576868.3	6832969	0.0009	30	13	37
KKA1213	576888.3	6832969	0.001	24	9	27
KKA1214	576908.3	6832969	0.0007	18	9	17
KKA1215	576928.3	6832969	0.0003	12	7	13
KKA1216	576948.3	6832969	0.0003	14	6	17
KKA1217	576968.3	6832969	0.0004	17	9	24
KKA1218	576988.3	6832969	0.0002	12	6	14
KKA1219	577008.3	6832969	0.0002	9	6	13
KKA1220	577028.3	6832969	0.0003	11	7	12
KKA1221	577048.3	6832969	0.0001	8	5	9
KKA1222	577068.3	6832969	0.0002	11	6	12
KKA1223	577088.3	6832969	0.0002	10	7	13



KKA1224	577108.3	6832969	0.0003	11	5	12
KKA1225	577128.3	6832969	0.0005	9	5	12
KKA1226	577148.3	6832969	0.0002	10	6	12
KKA1227	577168.3	6832969	0.0002	8	6	11
KKA1228	577188.3	6832969	0.0004	14	8	16
KKA1229	577208.3	6832969	0.0002	9	6	13
KKA1230	577228.3	6832969	0.0002	10	5	11
KKA1231	577248.3	6832969	0.0001	11	6	14
KKA1232	577268.3	6832969	0.0002	16	9	20
KKA1233	577288.3	6832969	0.0006	24	11	22
KKA1234	577308.3	6832969	0.0005	22	11	25
KKA1235	576428.3	6832869	0.0004	20	8	22
KKA1236	576448.3	6832869	0.0002	18	8	19
KKA1237	576468.3	6832869	0.0003	17	8	19
KKA1238	576488.3	6832869	0.0003	21	10	22
KKA1239	576508.3	6832869	0.0004	18	8	19
KKA1240	576528.3	6832869	0.0002	18	7	19
KKA1241	576548.3	6832869	0.0003	17	8	18
KKA1242	576568.3	6832869	0.0002	18	9	18
KKA1243	576588.3	6832869	0.0002	19	9	21
KKA1244	576608.3	6832869	0.0003	20	9	22
KKA1245	576628.3	6832869	0.0007	25	11	31
KKA1246	576648.3	6832869	0.0008	22	15	32
KKA1247	576668.3	6832869	0.0011	19	8	21
KKA1248	576688.3	6832869	0.0016	19	11	22
KKA1249	576708.3	6832869	0.0012	16	8	19
KKA1250	576728.3	6832869	0.0006	11	6	13
KKA1253	576788.3	6832869	0.0005	9	5	10
KKA1254	576808.3	6832869	0.0004	11	5	14
KKA1255	576828.3	6832869	0.0004	11	5	12
KKA1256	576848.3	6832869	0.0004	9	4	9
KKA1257	576868.3	6832869	0.0002	8	4	9
KKA1258	576888.3	6832869	0.0002	9	4	9
KKA1259	576908.3	6832869	0.0002	12	5	11
KKA1260	576928.3	6832869	0.014	8	5	11
KKA1261	576948.3	6832869	0.0003	11	5	13
KKA1262	576968.3	6832869	0.0002	11	6	12
KKA1263	576988.3	6832869	0.0004	10	6	13
KKA1264	577008.3	6832869	0.0003	10	5	12
KKA1265	577028.3	6832869	0.0002	8	4	9
KKA1266	577048.3	6832869	0.0002	8	4	11
KKA1267	577068.3	6832869	0.0003	14	6	15
KKA1268	577088.3	6832869	0.0004	16	7	20
KKA1269	577108.3	6832869	0.0003	12	6	17



KKA1270	577128.3	6832869	0.0003	12	5	16
KKA1271	577148.3	6832869	0.0002	14	6	18
KKA1272	577168.3	6832869	0.0002	10	6	15
KKA1273	577188.3	6832869	0.0003	13	5	15
KKA1274	577208.3	6832869	0.0002	11	5	12
KKA1275	577228.3	6832869	0.0002	9	4	13
KKA1276	577248.3	6832869	0.0001	10	4	14
KKA1277	577268.3	6832869	0.0003	16	5	20
KKA1278	577288.3	6832869	0.0001	7	4	10
KKA1279	577308.3	6832869	0.0002	9	4	10
KKA1280	577328.3	6832869	0.0002	8	4	9
KKA1281	576428.3	6832769	0.0012	28	11	31
KKA1282	576448.3	6832769	0.0009	28	10	30
KKA1283	576468.3	6832769	0.0007	29	12	32
KKA1284	576488.3	6832769	0.0004	28	14	35
KKA1285	576508.3	6832769	0.0007	23	9	25
KKA1286	576528.3	6832769	0.0005	21	8	25
KKA1287	576548.3	6832769	0.0007	26	11	28
KKA1288	576568.3	6832769	0.0005	22	10	26
KKA1289	576588.3	6832769	0.0003	17	6	17
KKA1290	576608.3	6832769	0.0002	11	6	13
KKA1291	576628.3	6832769	0.0002	14	6	14
KKA1292	576648.3	6832769	0.0003	9	4	10
KKA1293	576668.3	6832769	0.0001	8	5	10
KKA1294	576688.3	6832769	0.0004	9	6	11
KKA1295	576708.3	6832769	0.0004	13	6	15
KKA1296	576728.3	6832769	0.0003	9	5	11
KKA1297	576748.3	6832769	0.0006	12	5	15
KKA1300	576808.3	6832769	0.0003	12	4	13
KKA1301	576828.3	6832769	0.0002	10	5	12
KKA1302	576848.3	6832769	0.0002	10	5	12
KKA1303	576868.3	6832769	0.0003	11	4	12
KKA1304	576888.3	6832769	0.0002	7	4	9
KKA1305	576908.3	6832769	0.0006	15	6	21
KKA1306	576928.3	6832769	0.0005	12	6	16
KKA1307	576948.3	6832769	0.0003	11	5	16
KKA1308	576968.3	6832769	0.0002	11	4	16
KKA1309	576988.3	6832769	0.0005	13	7	15
KKA1310	577008.3	6832769	0.0004	10	4	14
KKA1311	577028.3	6832769	0.0004	10	4	12
KKA1312	577048.3	6832769	0.0003	9	4	10
KKA1313	577068.3	6832769	0.0003	12	4	13
KKA1314	577088.3	6832769	0.0003	12	5	14
KKA1315	577108.3	6832769	0.0007	15	6	18



KKA1316	577128.3	6832769	0.0007	20	7	26
KKA1317	577148.3	6832769	0.0005	20	8	24
KKA1318	577168.3	6832769	0.0005	18	5	20
KKA1319	577188.3	6832769	0.0002	11	4	11
KKA1320	577208.3	6832769	0.0003	10	4	11
KKA1321	577228.3	6832769	0.0002	11	5	12
KKA1322	577248.3	6832769	0.0002	10	4	11
KKA1323	577268.3	6832769	0.0001	12	5	13
KKA1324	577288.3	6832769	0.0002	9	5	9
KKA1325	577308.3	6832769	0.0001	9	5	11
KKA1326	577328.3	6832769	0.0001	9	5	10
KKA1327	577348.3	6832769	0.0002	8	4	9
KKA1328	576428.3	6832669	0.0011	19	8	21
KKA1329	576448.3	6832669	0.0003	21	9	29
KKA1330	576468.3	6832669	0.0002	13	6	14
KKA1331	576488.3	6832669	0.0002	12	6	13
KKA1332	576508.3	6832669	0.0002	11	4	12
KKA1333	576528.3	6832669	0.0002	14	6	17
KKA1334	576548.3	6832669	0.0002	12	7	14
KKA1335	576568.3	6832669	0.0002	12	4	13
KKA1336	576588.3	6832669	0.0001	11	5	12
KKA1337	576608.3	6832669	0.0002	12	5	13
KKA1338	576628.3	6832669	0.0002	10	5	11
KKA1339	576648.3	6832669	0.0003	14	6	17
KKA1340	576668.3	6832669	0.0003	11	5	12
KKA1341	576688.3	6832669	0.0003	11	5	13
KKA1342	576708.3	6832669	0.0002	11	6	12
KKA1343	576728.3	6832669	0.0003	13	6	14
KKA1344	576748.3	6832669	0.0008	10	6	14
KKA1348	576828.3	6832669	0.0003	11	4	11
KKA1349	576848.3	6832669	0.0003	11	5	11
KKA1350	576868.3	6832669	0.0008	14	6	16
KKA1351	576888.3	6832669	0.007	25	7	27
KKA1352	576908.3	6832669	0.0014	20	8	21
KKA1353	576928.3	6832669	0.0011	17	4	19
KKA1354	576948.3	6832669	0.0008	12	6	15
KKA1355	576968.3	6832669	0.0007	13	5	13
KKA1356	576988.3	6832669	0.0012	13	4	14
KKA1357	577008.3	6832669	0.0019	16	5	18
KKA1358	577028.3	6832669	0.002	15	6	14
KKA1359	577048.3	6832669	0.0022	16	7	16
KKA1360	577068.3	6832669	0.0014	17	4	17
KKA1361	577088.3	6832669	0.0011	13	5	16
KKA1362	577108.3	6832669	0.0008	18	5	20



KKA1363	577128.3	6832669	0.0006	19	8	21
KKA1364	577148.3	6832669	0.0005	15	5	15
KKA1365	577168.3	6832669	0.0003	10	4	10
KKA1366	577188.3	6832669	0.0001	11	4	10
KKA1367	577208.3	6832669	0.0001	10	5	12
KKA1368	577228.3	6832669	0.0001	11	5	12
KKA1369	577248.3	6832669	0.0001	10	4	11
KKA1370	577268.3	6832669	0.0003	11	4	11
KKA1371	577288.3	6832669	0.0001	9	4	10
KKA1372	577308.3	6832669	0.0001	11	5	11
KKA1373	577328.3	6832669	0.0001	10	5	11
KKA1374	577348.3	6832669	0.0001	10	4	12
KKA1375	577368.3	6832669	0.0001	10	4	11
KKA1376	576548.3	6832569	0.0002	14	7	14
KKA1377	576568.3	6832569	0.0001	11	5	11
KKA1378	576588.3	6832569	0.0001	11	5	13
KKA1379	576608.3	6832569	0.0004	11	4	12
KKA1380	576628.3	6832569	0.0002	12	6	12
KKA1381	576648.3	6832569	0.0001	13	7	14
KKA1382	576668.3	6832569	0.0001	11	6	13
KKA1383	576688.3	6832569	0.0002	13	6	13
KKA1384	576708.3	6832569	0.0001	13	6	15
KKA1385	576728.3	6832569	0.0001	9	4	11
KKA1386	576748.3	6832569	0.0003	11	5	12
KKA1387	576768.3	6832569	0.0005	11	4	13
KKA1390	576828.3	6832569	0.0006	12	4	13
KKA1391	576848.3	6832569	0.0006	11	4	11
KKA1392	576868.3	6832569	0.0002	12	5	11
KKA1393	576888.3	6832569	0.0004	12	6	13
KKA1394	576908.3	6832569	0.0003	12	5	12
KKA1395	576928.3	6832569	0.0002	10	5	11
KKA1396	576948.3	6832569	0.0004	11	4	11
KKA1397	576968.3	6832569	0.0005	11	5	11
KKA1398	576988.3	6832569	0.0005	10	4	10
KKA1399	577008.3	6832569	0.0003	10	4	11
KKA1400	577028.3	6832569	0.0005	10	4	10
KKA1401	577048.3	6832569	0.0004	11	5	11
KKA1402	577068.3	6832569	0.0005	11	5	11
KKA1403	577088.3	6832569	0.0005	10	5	10
KKA1404	577108.3	6832569	0.0003	9	5	10
KKA1405	577128.3	6832569	0.0003	11	5	13
KKA1406	577148.3	6832569	0.0002	10	5	10
KKA1407	577168.3	6832569	0.0002	10	6	11
KKA1408	577188.3	6832569	0.0002	10	5	11



KKA1409	577208.3	6832569	0.0002	10	5	11
KKA1410	577228.3	6832569	0.0002	10	5	11
KKA1411	577248.3	6832569	0.0001	10	6	11
KKA1412	577268.3	6832569	0.0003	11	6	12
KKA1413	577288.3	6832569	0.0002	10	5	10
KKA1414	577308.3	6832569	0.0002	12	6	13
KKA1415	577328.3	6832569	0.0002	10	5	10
KKA1416	577348.3	6832569	0.0002	11	6	11
KKA1417	577368.3	6832569	0.0002	11	6	13
KKA1418	577388.3	6832569	0.0001	12	7	13
KKA1419	576548.3	6832469	0.0001	10	5	12
KKA1420	576568.3	6832469	0.0002	12	6	12
KKA1421	576588.3	6832469	0.0002	10	5	12
KKA1422	576608.3	6832469	0.0002	11	6	11
KKA1423	576628.3	6832469	0.0003	12	9	13
KKA1424	576648.3	6832469	0.0006	11	6	11
KKA1425	576668.3	6832469	0.0002	9	5	9
KKA1426	576688.3	6832469	0.0003	9	5	9
KKA1427	576708.3	6832469	0.0003	9	5	10
KKA1428	576728.3	6832469	0.0002	10	5	10
KKA1429	576748.3	6832469	0.0003	9	5	10
KKA1430	576768.3	6832469	0.0003	11	6	12
KKA1431	576788.3	6832469	0.0004	8	5	10
KKA1434	576848.3	6832469	0.0002	10	5	10
KKA1435	576868.3	6832469	0.0002	10	6	11
KKA1436	576888.3	6832469	0.0002	11	4	11
KKA1437	576908.3	6832469	0.0003	10	5	10
KKA1438	576928.3	6832469	0.0006	9	4	8
KKA1439	576948.3	6832469	0.0008	10	5	11
KKA1440	576968.3	6832469	0.0005	11	5	12
KKA1441	576988.3	6832469	0.0003	9	6	10
KKA1442	577008.3	6832469	0.0002	9	4	10
KKA1443	577028.3	6832469	0.0002	9	6	10
KKA1444	577048.3	6832469	0.0002	9	6	9
KKA1445	577068.3	6832469	0.0001	9	5	10
KKA1446	577088.3	6832469	0.0003	9	6	9
KKA1447	577108.3	6832469	0.0001	10	5	11
KKA1448	577128.3	6832469	0.0001	10	6	9
KKA1449	577148.3	6832469	0.0002	10	7	11
KKA1450	577168.3	6832469	0.0002	10	6	11
KKA1451	577188.3	6832469	0.0002	10	5	12
KKA1452	577208.3	6832469	0.0002	10	5	10
KKA1453	577228.3	6832469	0.0002	10	5	11
KKA1454	577248.3	6832469	0.0001	10	6	11



KKA1455	577268.3	6832469	0.0003	10	5	12
KKA1456	577288.3	6832469	0.0002	9	6	9
KKA1457	577308.3	6832469	0.0002	12	7	14
KKA1458	577328.3	6832469	0.0001	9	4	10
KKA1459	577348.3	6832469	0.0001	10	7	11
KKA1460	577368.3	6832469	0.0001	11	8	12
KKA1461	577388.3	6832469	0.0001	10	6	11
KKA1462	577408.3	6832469	0.0001	11	6	12



APPENDIX B: JORC CODE, 2012 EDITION - TABLE 1

JORC Code, 2012 Edition - Table 1 report template

Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Explanation
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. • Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. • Aspects of the determination of mineralization 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.	CHGR series rock chips were collected by Golden State Mining (ASX:GSM) in 2024. collected from surface of random sub-crop/outcrop areas and selected following field inspection by qualified field geologists. Samples collected from various interpreted Archaean intrusive lithologies with Lab Sample Preparation Code Prep 02 Sort/Dry/Pulverise <3kg pulverising to 90% passing 75um Average sample weight range 2-3 kg. Rock chip samples collected from approximate 10m2 area of scree/sub-crop/outcrop. Total digest analysis technique is a common and effective analysis technique for this soil sample type in the Eastern Goldfields terrain 15 rock-chip samples were collected by Catalina geologists at Kirkalocka from outcropping or sub cropping rock during surface reconnaissance exploration. Samples comprised individual rock-chip specimens collected from locations considered prospective for gold mineralisation. A total of 1,408 soil samples were collected by OZEX Exploration on systematic grids, predominantly at 100 m × 20 m or 100 m × 40 m spacing. Samples were collected from approximately 20 cm depth and sieved to <2 mm in the field. A total of 39 field duplicate samples were collected as part of the soil sampling program for QA/QC purposes. The sampling methodology is considered appropriate for early-stage geochemical exploration and the identification of geochemical anomalies.
Drilling techniques	• Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger,	No drilling was undertaken. Results reported are from surface soil and rock-chip sampling only.



	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).	
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.	Not applicable
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.	Rock-chip and soil sample locations and relevant geological and field observations were recorded at the time of sampling. Logging was qualitative in nature and appropriate for reconnaissance-stage surface exploration. No drilling was undertaken.
Sub-sampling techniques and sample preparation	• If core, whether cut or sawn and whether quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. • For all sample types, the nature, quality and appropriateness of the sample preparation technique. • Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. • Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. • Whether sample sizes are appropriate to the grain size of the material being sampled.	CHRG series rock chip samples collected from in situ sub-crop/outcrop via geology pick and placed into numbered calico bags. Sample weight 2 - 3 kg. Collected samples bags placed in labelled and numbered plastic and/or polyweave bags for despatch/drop off to assay laboratory. The sample preparation of the samples follows industry best practice, involving oven drying and pulverising to produce a homogenous sub sample for analysis. Representative sampling of material demonstrating uniform lithology and textural/structural characteristics. Internal laboratory standards completed. Sample sizes are appropriate for the grainsize of material being sampled. Soil samples: Loose surface material was removed prior to sampling. Samples were collected at a nominal depth of approximately 20 cm and passed through a 2 mm sieve. Sample locations and field observations were recorded using a proprietary field data application operated by OZEX Exploration. Soil samples were prepared by ALS using PUL-31L, with sample splitting undertaken where required (SPL-21). Pulverisation quality control was undertaken by ALS (PUL-QC).

		Rock chip sampling was selective and reconnaissance in nature and is therefore not necessarily representative of the overall grade or width of the sampled lithology or mineralised zone. Rock chip samples were prepared by ALS, including crushing (CRU-21/CRU-31) and pulverisation of a sample split of up to 250 g to greater than 85% passing 75 µm (PUL-31). Preparation quality control included crushing and pulverisation checks (CRU-QC and PUL-QC).
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.	For CHRG series sample All samples were submitted for aqua regia gold assay analysis by Labwest (Perth) using a 25g charge using lab method code WAR25. Selective samples were also submitted for multi-element suite analysis by Labwest (Perth) with up to 62 elements including REEs using lab method MMA-04 following the Sample Preparation (Code Prep02) outlined above. This technique is considered appropriate for analysis. Multi-element assays included the following elements: Ag, As, Ba, Be, Bi, Cd, Ce, Co, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Ho, In, K, La, Li, Lu, Mo, Nb, Nd, Ni, Pb, Pr, Rb, Re, Sb, Sc, Sm, Sn, Sr, Ta, Tb, Th, Tl, Tm, U, W, Y and Yb. No geophysical tools were used in the rock chip analysis. Quality control process and internal laboratory checks demonstrate acceptable levels of accuracy. At the laboratory, regular assay repeats, lab standards, checks and blanks were analysed. Soil samples were analysed for gold using ALS method Au-ST43, comprising aqua regia extraction of a 25 g aliquot with an ICP-MS finish. Multi-element analysis was undertaken using ME-ICP41, comprising aqua regia digestion with an ICP-AES finish. Aqua regia is considered a partial digestion. One sample exceeding the applicable analytical range was subject to over-range gold analysis using Au-AROR43. A total of 39 field duplicate soil samples were collected by OZEX Exploration to assess the repeatability of the soil sampling and analytical process. ALS laboratory QA/QC procedures included internal standards, blanks and preparation quality control. Rock chip samples were prepared using the PUL-31 preparation method. Gold (Au) analysis was undertaken using Au-ICP21, while silver (Ag) and arsenic (As) were analysed using ME-ICP41.



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.	Assay results were received electronically from ALS and reviewed by Catalina personnel prior to incorporation into the exploration database. Sample identification and assay data were checked against field records. No adjustments were made to the assay data. Independent verification or duplicate laboratory analysis of significant results has not been undertaken at this stage. Twinned holes are not applicable as no drilling was undertaken.
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.	Sample locations were recorded using handheld GPS in GDA94, MGA Zone 50. Coordinates are reported in metres.
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.	Rock-chip sampling was reconnaissance in nature and was not undertaken on a systematic grid. Sample spacing is irregular and appropriate only for identifying areas of anomalous mineralisation. Soil sampling was conducted using a consistent grid typically 100 x 20m or 100 x 40 m spacing.
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.	Rock-chip sampling was reconnaissance in nature and targeted prospective lithologies, mineralised veins and areas associated with historical workings. Soil sampling was undertaken on systematic grids over selected target areas. At the current stage of exploration, the geometry and orientation of mineralisation are not sufficiently constrained to determine whether the sampling orientation introduces bias.
Sample security	• The measures taken to ensure sample security.	CHRG series samples were bagged up in labelled and numbered polyweave bags and delivered by Company authorised personnel or reputable freight contractor to the laboratory in Perth. Samples were then sorted and checked for inconsistencies against lodged Submission sheet by laboratory staff.



		Following analysis, the sample pulps and residues are retained by the laboratory in a secure storage yard. All other rock chip samples were delivered to ALS laboratory in Perth by Catalina Geologists. Soil samples were couriered to Perth ALS laboratory via a consignment and tracking number.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits were completed.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Explanation
Mineral tenement and land tenure status	- Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. - The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Company currently holds the relevant Kirkalocka project tenure for tenements E 59/2932, E 59/2699, E 59/2991, and is not aware of any material environmental, heritage, native title or other impediments to undertaking exploration activities within the project area. The Santy project is located within Exploration Licence Application E59/3068, which is currently pending grant. The application remains subject to completion of relevant Native Title processes and statutory approvals. The Company is not aware of environmental, heritage, or other material impediments that would prevent grant,
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Historical exploration within the Kirkalocka Project area has been undertaken by several previous explorers, including Gold State mining Ltd, Equigold NL, Mount Magnet South Limited and Minjar Gold Pty Ltd. Exploration activities completed across the project area include geological mapping, regolith interpretation, soil and lag geochemical sampling, aircore drilling, reverse circulation (RC) drilling and geological logging. Historical exploration programmes were primarily designed to assess the gold potential of prospective greenstone belt stratigraphy, including banded iron formation (BIF), mafic volcanic and ultramafic units concealed beneath varying depths of transported cover. The historical datasets reviewed by the Company comprise drill collar records, geological logging, downhole geochemistry and surface geochemical sampling data. These datasets provide valuable



		geological and geochemical information that supports ongoing target generation, geological interpretation and prioritisation of future exploration activities. The Company has compiled and reviewed publicly available historical exploration data from WAMEX reports, historical databases and associated technical documentation. Historical exploration results referred to in this announcement have not been independently verified by the Company and should be regarded as historical in nature pending further validation work. Historical exploration within the Talling Project area was undertaken by several parties including CRA Exploration Pty Ltd, Preussag Australia Pty Ltd, Giralia Resources NL, Atlas Iron Limited, Galahad Resources Limited and BPM Minerals Ltd. Activities included geological mapping, rock-chip and soil geochemical sampling, airborne and ground geophysical surveys, and AC, RC and RAB drilling targeting gold, base metal and tungsten mineralisation. Historical exploration identified multiple gold, silver, copper and tungsten anomalies. RC drilling was completed prior to the Induced Polarity survey however results identified anomalous gold and copper, silver mineralisation at the Santy prospect.
Geology	• Deposit type, geological setting and style of mineralization.	The Kirkalocka project lies on the eastern margin of the Murchison granite-greenstone province and specifically at the southern end of the Wydgee - Meekatharra Greenstone Belt. In the vicinity of the project, the greenstone belt varies in thickness from 2.0 to 5.5 kilometres in width. The belt is elongate and trends in a north south direction. Lithologies of the Luke Creek Group which include the Windanning, Gabanintha, Golconda and Murrouli Basalt are present. These formations include felsic and mafic volcanics and banded iron lithologies. Felsic intrusives are also observed close to the belt boundaries. The orientation of these rocks is roughly parallel to the marginal contacts. In this region, the belt has undergone contact metamorphism to greenschist-amphibolite facies. The Mt. Magnet Shear runs parallel to the eastern margin along the length of the belt. The geological interpretation presented is based on historical exploration information and has not been independently validated by Catalina Resources.



		• The Tallering Project is located on the north-eastern end of the Archaean Tallering Greenstone Belt along the western margin of the Murchison Domain within the Yilgarn Craton. The belt is dominated by the Gabanintha Formation, comprising tholeiitic and high-magnesium basalts, felsic volcanic and volcanoclastic rocks and sediments, and the overlying Windanning Formation, which contains jaspilite, banded iron formation, cherts and felsic volcanic units. The sequence has been intruded by post-tectonic granites and cross-cut by Proterozoic mafic dykes. Historical exploration identified structurally controlled gold and polymetallic mineralisation associated with favourable lithological contacts, structural corridors and sulphide-bearing systems. Galahad drilling tested quartz-sulphide veins, associated shears and silicified felsic volcanic rocks comprising felsic to intermediate tuffs, dacites and rhyolites. Mineralisation is associated with pyrite-bearing quartz veins, silica-sericite alteration and structural deformation. A dolerite/gabbro intrusion crosscuts the prospect area.
Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of easting and northing, elevation or RL, dip and azimuth, down hole length and interception depth, and hole length for all Material drill holes. • If exclusion is justified because the information is not Material and does not detract from understanding, the Competent Person should clearly explain why.	Historical drilling results referred to in this announcement have been previously reported by the Company and are not new Exploration Results. The Company confirms that it is not aware of any new information or data that materially affects the information contained in the original announcement.
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cutoff 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 should be stated. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	Not applicable. Not cut-off all results published.
Relationship between mineralization	• These relationships are particularly important in the reporting of Exploration Results.	No drilling was undertaken. Results reported are from surface rock-chip sampling and soil



widths and intercept lengths	• If the geometry of the mineralization 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.	sampling at Kirkalocka and UV light imagery at Santy.
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.	Appropriate maps displaying all the data points and anomalous values are provided in this announcement.
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.	The Company has reported the most significant results identified from rock chip and soil sampling. Complete assay results are provided in the accompanying tables. The Company considers this reporting to be balanced and representative of the historical exploration data available for review.
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including geological observations; geophysical and geochemical survey results; bulk samples; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; and potential deleterious or contaminating substances.	Micro-XRF analysis on sample SY09 (Tallering Project) was undertaken by Portable Spectral Services, Perth (PSS), using a Bruker M4 TORNADO PLUS micro-XRF mapper with data interpretation using Advanced Mineral Identification and Characterisation System (AMICS) software in order to map mineralogy. X-ray acquisition was made using the instruments Rh tube set to 50 kV at 600 μ A, a dual 60 mm ² XFlash [®] detector and 2 mbar sample chamber pressure. Initial sample scans were made using a 100 μ m pixel with 30ms/pixel dwell time. X-ray analysis is not just a surface technique and has a depth component that is dependent on the elemental composition of the material being analysed, which controls incident X-ray penetration into the sample and the escape and detection of fluorescent X-rays. Therefore, raw elemental responses can reflect sub-surface fluorescent responses up to 5mm. The dataset has a lower size limit of 100 μ m that reflects the size of the mineral map pixels, smaller grains cannot be accurately identified using this technique – as such, the μ XRF technique in this context is being used to better understand the deportment of larger grains and their likely size range. There are some limits to the geochemistry identified as a result of elements detected under X-ray fluorescence and scan resolution - with the range of confidence being from Na to U. Micro-XRF is a non-destructive, complimentary technique to other techniques such as scanning electron microscopy



Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale stepout drilling).	Further work includes RC drilling at priority targets at Kirkalocka.

