Monazite Hosted REE and Multi- Commodity Potential Confirmed at Rio Negro Prospect

Highlights

- **Exceptional mineralisation confirmed** with a peak Total Rare Earth Oxide (TREO) grade of **7890 ppm** at **36–38 metres** (CG_RC24_005), supported by elevated phosphorus pentoxide (**P_2O_5**) levels of up to **3.09%**, indicating monazite as a primary REE-hosting mineral.
- The monazite-rich zone is **structurally controlled** within an igneous sill, extending into saprolitic and primary rock zones. This rare earth system highlights significant **lateral and vertical expansion** and represents a compelling target for further delineation. Key intercepts from the additional 14 RC drill holes at the prospect include:
  - **5 m at 6585 ppm TREO (22% MREO)** from 33 m (**CG_RC24_005**), including **2 m at 7890 ppm TREO** from 36 m.
  - **6 m at 2067 ppm TREO (22% MREO)** from 33 m (**CG_RC24_007**).
  - **7 m at 1691 ppm TREO (21% MREO)** from 8 m (**CG_RC24_008**).
  - **10 m at 1529 ppm TREO (24% MREO)** from 9 m (**CG_RC24_014**).
  - **17 m at 1522 ppm TREO (22% MREO)** from 5 m (**CG_RC24_015**).
- While the **central east area of the prospect** contains high-grade REEs, the **southeast corner** has returned high-grade gallium (**Ga_2O_3**) and bauxite. Significant gallium intercepts exceed global averages for gallium alongside a peak bauxite concentration of 42.1% within 20 m of 34.1% Al_2O_3 (CG_AD24_074). Key gallium intercepts include:
  - **17.0 m at 90.2 g/t Ga_2O_3** (**CG_AD24_011**) from surface, including **1.0 m at 102.2 g/t** from 3 m.
  - **20.0 m at 73.8 g/t Ga_2O_3** (**CG_AD24_006**) from surface, including **1.0 m at 106.5 g/t** from 3 m.
  - **20.0 m at 70.4 g/t Ga_2O_3** (**CG_AD24_057**) from surface, including **1.0 m at 87.1 g/t** from 18 m.
  - **20.0 m at 70.4 g/t Ga_2O_3** (**CG_AD24_026A**) from surface, including **1.0 m at 82.8 g/t** from 15 m.
  - **17.5 m at 69.3 g/t Ga_2O_3** (**CG_AD24_085B**) from surface, including **2.0 m at 91.5 g/t** from 6 m.
- Gallium's strategic importance rises with global prices surging and supply tightening due to China's export restrictions, positioning Rio Negro's high-grade gallium intercepts as globally significant.
- Drilling is ongoing across Campo Grande, with assays pending from the Central Block and Northern Block expected in late January to early February 2025.

Equinox Resources Limited (ASX: EQN) ("Equinox Resources" or the "Company") is pleased to report **RC drilling assay results** from the **Rio Negro Prospect** ("Prospect") within the **Campo Grande Rare Earth Project** ("Project"), located in Bahia, Brazil. The Rio Negro Prospect represents **approximately 1% of the 1800 km² landholding** at Campo Grande, highlighting its significant potential within the broader exploration area. To date, a total of **2457.95 meters** has been drilled at Rio Negro, comprising **92 auger** and **17 RC drill holes**.

Equinox Resources Managing Director, Zac Komur, commented:

"The Rio Negro Prospect is proving to be an exciting and important part of our Campo Grande Rare Earth Project. The standout TREO grades, including 7,890 ppm supported by monazite as the primary REE-hosting mineral, showcase the unique geological opportunity here.

What's just as exciting is the high-grade gallium and bauxite we've intersected in the southeast, with gallium grades exceeding global averages, a significant win for the project. And let's not forget, Rio Negro represents only 1% of our broader 1,800 km² landholding at Campo Grande. There is untapped potential yet to be uncovered.

We're looking forward to seeing the upcoming results from the central and northern blocks. There's a lot of work ahead, but with these results, we're confident we're on the right track to fully unlock the value of this project."

Equinox Resources has successfully completed 14 RC drill holes at the Rio Negro prospect following the initial scout drilling campaign, which uncovered ionic rare earth elements with a first-pass, single-step ammonium sulphate leach test (AMSUL, pH4 for 30 mins) with Total Rare Earth Oxide (TREO) concentrations reaching up to 80%.

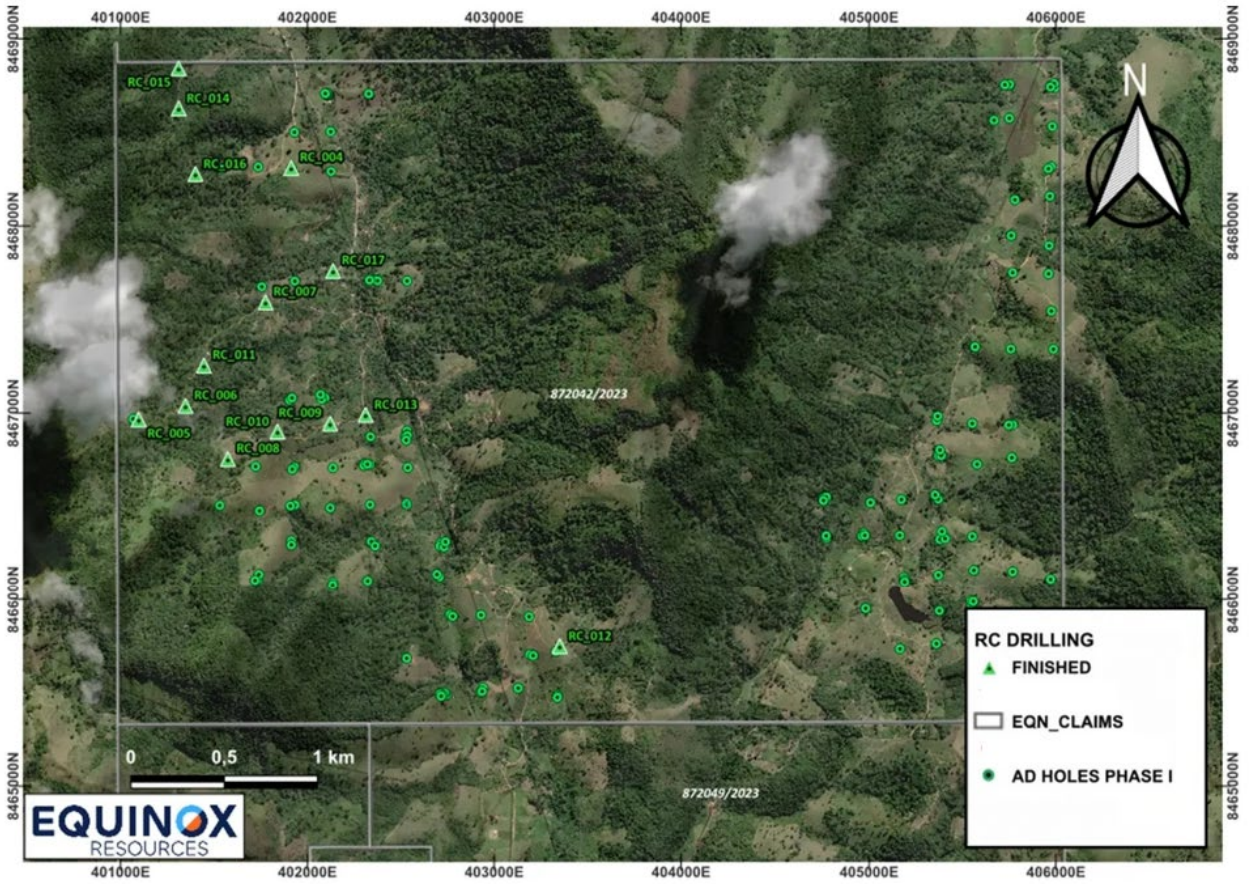

Figure 1: Rio Negro Prospects location of the latest 14 RC drill holes (RC04 to RC17)

The mineralised interval in Hole CG_RC24_005 is hosted within a thin, tabular sill of igneous origin, intruding concordantly along bedding planes. This interval, spanning from 33 to 41 metres, demonstrates exceptional mineralisation, with a peak TREO grade of 7890 ppm. The lithological and mineralogical characteristics reflect both primary magmatic activity and secondary hydrothermal enrichment, underscoring the complex and multi-phase evolution of this rare earth system.

From 33 to 36 metres, the material is reddish-brown and friable, with evidence of iron oxides linked to supergene alteration. These features suggest interaction between meteoric fluids and primary mineralisation, leading to the redistribution and localised enrichment of rare earth elements (REEs). The relatively high phosphorus pentoxide (P_2O_5) levels further support the presence of phosphate mineralisation.

Figure 2: Rock chip tray from Hole CG_RC24_005 at the Rio Negro Target, displaying samples from 0m to 60m depth. The interval from 33–41m highlights the transition from reddish-brown, friable material associated with supergene alteration to darker, compact lithology indicative of primary monazite-bearing mineralisation.

Between 36 and 41 metres, the material transitions into a darker, compact lithology, indicating less weathered, primary mineralisation. The observed metallic sheen and cohesive texture point to the presence of monazite or bastnäsite within a denser host rock. Elevated thorium and phosphorus pentoxide levels corroborate the interpretation of phosphate-rich rare earth mineralisation, particularly monazite. Structural control is evident, with the sill acting as both a host and conduit for REE-bearing fluids during emplacement and subsequent hydrothermal activity.

Monazite is likely the dominant REE-hosting mineral, supported by phosphorus pentoxide levels peaking at 3.09% (CG_RC24_005), alongside thorium signatures. The sill's structural features appear to have focused REE-rich fluids into bedding planes and fractures, enhancing mineral deposition through both primary magmatic and secondary hydrothermal processes.

Alteration is distinct within the interval, with oxidation dominating the upper portion, marked by iron oxides, while hydrothermal alteration is evident in the darker, denser material below. These alteration halos point to multiple phases of mineralising activity, further enriching the rare earth content.

The sill's geometry and structural characteristics have provided an ideal environment for concentrating rare earth elements, making this a highly prospective interval for further exploration.

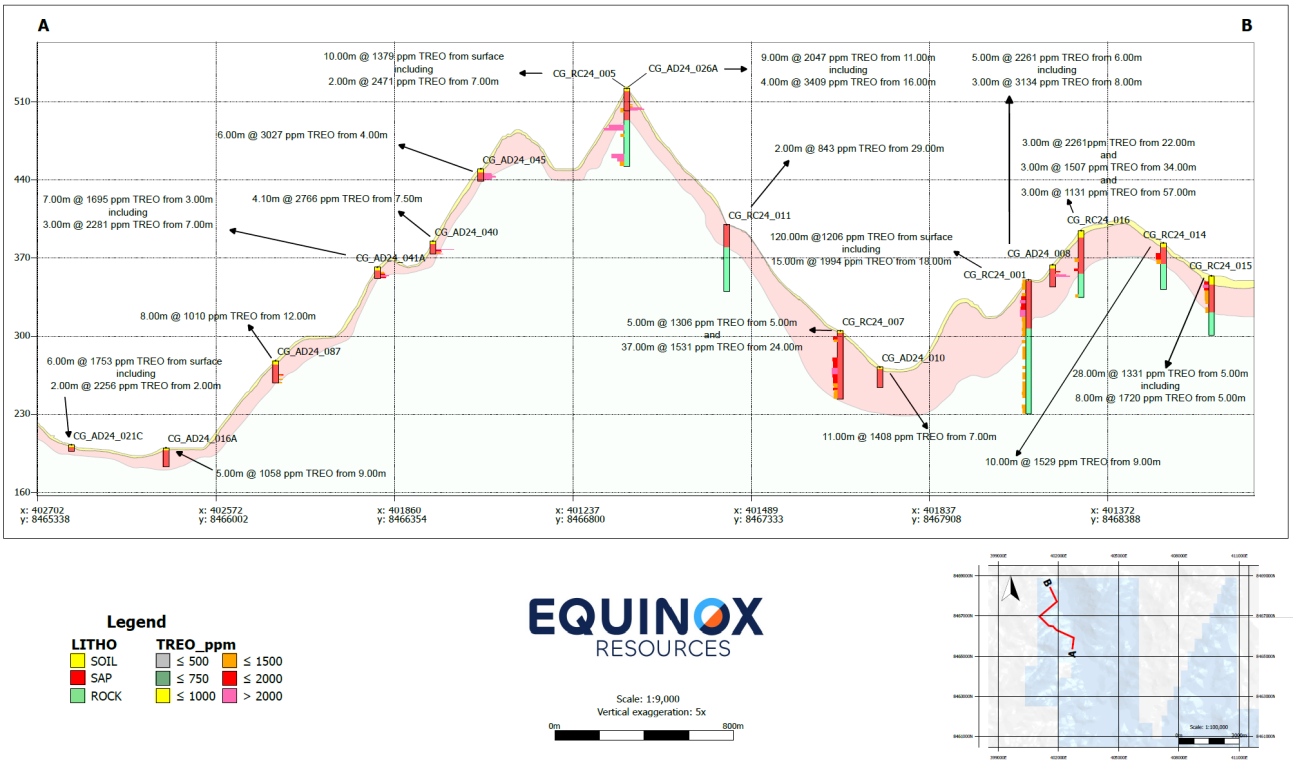

Figure 3: South to North 2-D Fence diagram of the Rio Negro Target, illustrating mineralised intervals across multiple RC drill holes. Key intercepts highlight high-grade TREO zones, including 5m at 6585 ppm TREO (Hole CG_RC24_005). The diagram also showcases the lithological distribution of soil, saprolite, and rock, with TREO concentrations exceeding 2,000 ppm in several intervals, reinforcing the target's rare earth mineralisation.

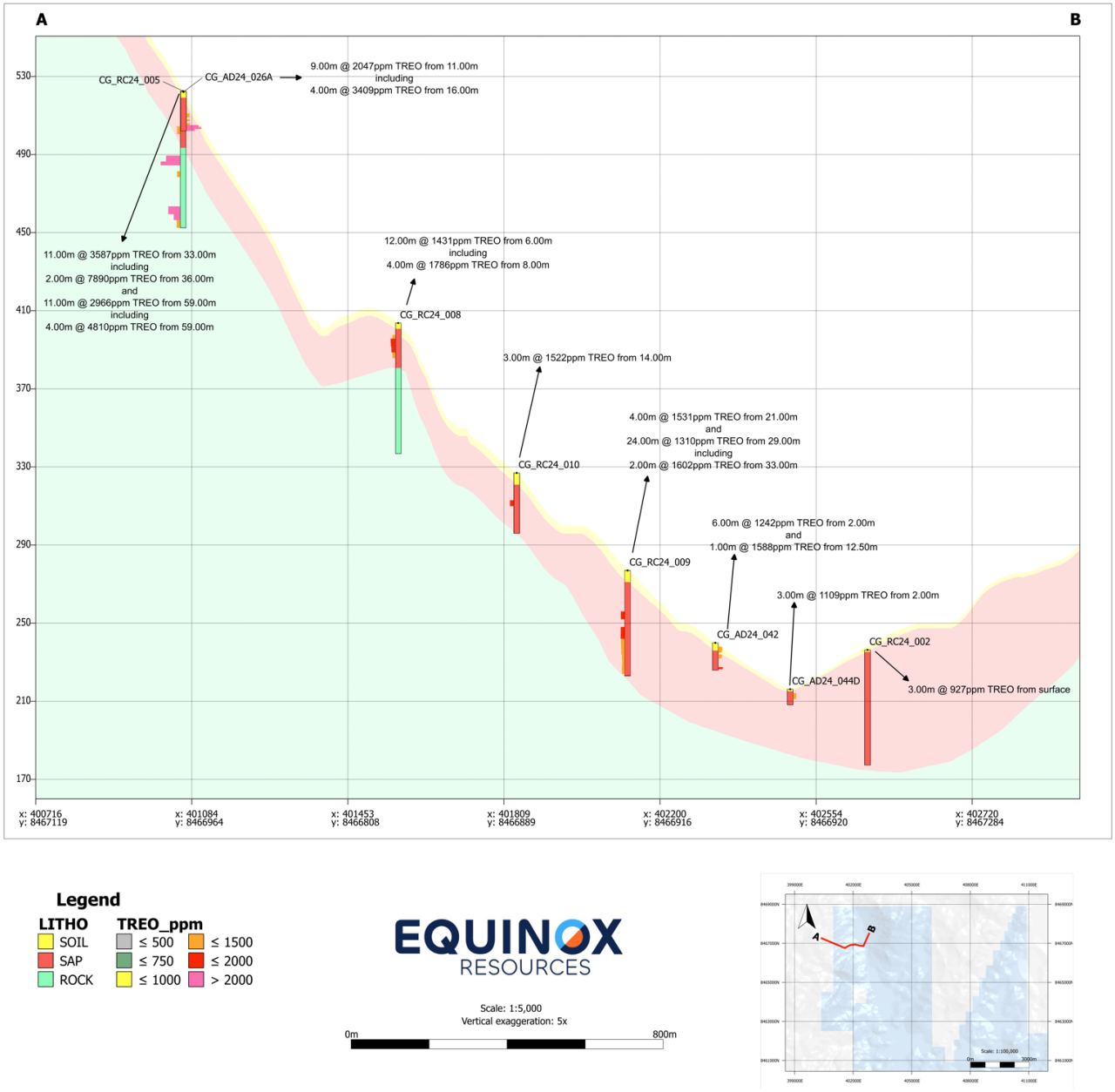

Figure 4: 2-D Fence Diagram of the Rio Negro Target highlighting high-grade TREO intercepts from RC drilling. Notable intervals include 11m at 3,587 ppm TREO (Hole CG_RC24_005) and 24m at 1,300 ppm TREO (Hole CG_RC24_010). The diagram illustrates the distribution of mineralisation within soil, saprolite, and rock units, emphasising the structural and lithological controls on rare earth enrichment.

The fence diagrams provide additional context and confirmation of the geological interpretations from Hole CG_RC24_005. They highlight the interpreted lateral and vertical continuity of rare earth mineralisation across multiple drill holes within the prospect, reinforcing the structural and lithological controls on mineralisation.

Significant TREO grades are observed in both saprolitic and primary rock units, extending well beyond the interval in Hole CG_RC24_005. Notable intercepts include 24m at 1,300 ppm TREO from 29m in Hole CG_RC24_010 and 12m at 1,437 ppm TREO from 6m in Hole CG_RC24_008, which

align with the interpreted sill geometry. These intercepts demonstrate the persistence of mineralisation along the strike of the sill, with variations in thickness and grade likely influenced by structural traps and dilation zones.

The diagrams further confirm that the sill acts as both a host and a conduit for REE-bearing fluids, with mineralisation enriched in structurally favourable zones. The consistent TREO grades across multiple drill holes suggest a robust mineralising system, with both primary magmatic and secondary hydrothermal processes contributing to enrichment.

In addition to the high-grade intervals within the sill, the saprolitic zones show evidence of supergene enrichment, as observed in Hole CG_RC24_008, where a near-surface interval of 12m at 1437 ppm TREO includes a sub-interval of 4m at 1788 ppm TREO. This enrichment highlights the potential for both primary and secondary processes to significantly enhance rare earth concentrations within the project area.

These diagrams underscore the broader potential of the prospect, not only in terms of mineralisation continuity but also as a structurally controlled, high-grade rare earth system. The information supports the need for additional drilling to delineate the full extent of mineralisation and identify zones of higher grade and thickness for potential resource estimation. Together, these insights confirm the Rio Negro Target as a priority area for further exploration and development.

Proposed Drilling Plan for Rio Negro Target

The next phase of drilling at the Rio Negro Target should aim to further delineate and map out the ultra-high-grade monazite-rich zones within the mineralised sill. Given the structural controls and observed continuity of rare earth mineralisation, the plan will focus on angled drilling to intersect the sill at optimal depths and orientations. This approach will help refine the geometry, thickness, and grade distribution of the sill-hosted rare earth mineralisation.

The primary objectives will be to target ultra-high-grade zones, such as the 7890 ppm TREO interval in Hole CG_RC24_005 and identify similar zones laterally and at depth. Additionally, the drilling will aim to map the geometry and continuity of the sill to confirm its dip, strike, and thickness variations, while assessing grade variability to locate areas of concentrated monazite enrichment within structural traps or dilation zones.

Drilling will include angled holes drilled at 45–60 degrees to the horizontal to intersect the sill at various depths and map its geometry more effectively. Priority will be given to targeting the contact zones between saprolite and fresh rock, where primary magmatic mineralisation transitions into hydrothermally enriched zones. Drill fences will be strategically positioned, with Fence A focused near Hole CG_RC24_005 to test lateral continuity and depth extensions and Fence B located south of CG_RC24_010 and CG_RC24_008 to explore for thicker mineralised zones and confirm the sill's southern extension. Holes will be spaced 50–100 metres apart along strike, with variable depths of 50–120 metres to ensure intersection across the sill's full thickness. If ultra-high-grade zones are identified, follow-up drilling will infill around those areas with tighter spacing of 25–50 metres.

Additional techniques will include downhole geophysics, such as gamma-ray logging, to confirm thorium concentrations, supporting monazite identification. Limited RC drilling may also be employed for detailed structural and mineralogical studies, providing insights into monazite textures and REE deportment. Deeper step-out holes will be planned to test the continuation of the sill below current drilling levels, identifying potential feeder zones for REE-rich fluids.

The expected outcomes of this campaign include a detailed 3D geological model of the sill, including its dip, strike, and thickness variations, the identification of ultra-high-grade monazite zones for greater understanding of the structural controls on mineralisation to guide future exploration and development. This strategic drilling campaign will refine the understanding of the Rio Negro Target.

Bauxite with High Grade Gallium Oxide Content Identified in the Southeast of Rio Negro

Located in the southeast corner of the Rio Negro prospect, the gallium (Ga_2O_3) and aluminum oxide (Al_2O_3) intercepts present a compelling case for mineralisation. This area is distinct from the central east part of the prospect, which hosts high-grade rare earth element mineralisation. Together, these zones demonstrate the diverse and high-value potential of the Rio Negro prospect, positioning it as a region of strategic importance for critical and industrial minerals.

Rio Tinto Exploration (RTX) conducted extensive exploration for bauxite in the region from 2006 to 2016. This effort led to the establishment of the Amargosa Bauxite Project (located approximately 50 km north-east from the Rio Nigro Prospect), which focused on delineating a large, high-quality bauxite deposit. In October 2023, the Amargosa tenements, encompassing the bauxite project, were acquired by Brazilian Rare Earths Ltd (ASX: BRE). It is noted that although the focus of RTX's work was primarily on bauxite rather than REE, their drilling program established the thickness and quality of the Amargosa bauxite project. However, RTX's work did not meet their internal thresholds. Based on RTX applied internal confidence indicators, CSA Global has estimated a JORC Exploration Target for the Amargosa Bauxite Project of between 825 to 925 Mt, with a grade ranging from 27% to 28% Total Available Alumina (TAA).[1] It should be noted that in BRE reporting an Exploration Target, the potential quantity and grade is conceptual in nature and it is uncertain if further exploration conducted by BRE will result in the estimation of a Mineral Resource by BRE.

Significant Rio Nigro Intercepts include:

Gallium Oxide (Ga_2O_3):

- 17.0 m of 90.16 g/t Ga_2O_3 (CG_AD24_011) from 0 m, including 1 m at 102.2 g/t from 3 m.
- 20.0 m of 73.82 g/t Ga_2O_3 (CG_AD24_006) from 0 m, including 1 m at 106.5 g/t from 3 m.
- 20.0 m of 70.40 g/t Ga_2O_3 (CG_AD24_057) from 0 m, including 1 m at 87.1 g/t from 18 m.
- 20.0 m of 70.35 g/t Ga_2O_3 (CG_AD24_026A) from 0 m, including 1 m at 82.8 g/t from 15 m.
- 17.5 m of 69.34 g/t Ga_2O_3 (CG_AD24_085B) from 0 m, including 2 m at 91.5 g/t from 6 m.
- 15.5 m of 69.16 g/t Ga_2O_3 (CG_AD24_004) from 0 m, including 1 m at 91.7 g/t from 3 m.
- 20.0 m of 66.60 g/t Ga_2O_3 (CG_AD24_071) from 0 m, including 1 m at 82.0 g/t from 7 m.
- 18.0 m of 66.50 g/t Ga_2O_3 (CG_AD24_010) from 0 m, including 1 m at 86.0 g/t from 3 m.

Aluminum Oxide (Al_2O_3):

- 20.0 m of 34.1% Al_2O_3 (CG_AD24_074) from 0 m, including 1.0 m at 42.1% from 9 m.
- 19.3 m of 31.2% Al_2O_3 (CG_AD24_077) from 0 m, including 1.0 m at 38.5% from 4 m.
- 11.6 m of 31.1% Al_2O_3 (CG_AD24_067) from 0 m, including 1.25 m at 38.7% from 5 m.
- 15.5 m of 30.9% Al_2O_3 (CG_AD24_078B) from 0 m, including 1.0 m at 36.0% from 6 m.
- 20.0 m of 30.6% Al_2O_3 (CG_AD24_073) from 0 m, including 0.55 m at 34.5% from 2 m.
- 20.0 m of 30.5% Al_2O_3 (CG_AD24_071) from 0 m, including 1.0 m at 37.6% from 11 m.
- 15.0 m of 30.1% Al_2O_3 (CG_AD24_072) from 0 m, including 0.85 m at 32.6% from 8.65 m.

[1] Brazilian Rare Earth Prospectus Part 2: CSA Global Independent Technical Report 19th Dec 2023.

Only 36% of samples initially reported aluminum oxide (Al_2O_3) concentrations due to its omission in the initial laboratory analytical protocol. This issue was later addressed, and Al_2O_3 analysis was added to subsequent sample processing. Efforts are underway to re-analyse earlier samples to ensure comprehensive data coverage, particularly for assessing the high-grade Al_2O_3 potential in the southeast Rio Negro Prospect.

The co-occurrence of high-grade gallium and aluminum oxide within the intercepts demonstrates a unique geological advantage, as gallium is known to substitute for aluminum in bauxite deposits. Gallium, a critical metal, is essential for semiconductors, LEDs, and photovoltaic cells, positioning the Rio Negro prospect as highly relevant to global technological trends and the transition to renewable energy systems. The elevated Ga_2O_3 grades observed in Rio Negro exceed global averages for gallium in bauxite of 50g/t, significantly enhancing the economic appeal of the prospect.[2]

Recent market dynamics have further underscored the strategic importance of gallium. In December 2024, China, which accounted for approximately 98.8% of refined gallium output in 2023, imposed a ban on exports of gallium, germanium, and antimony to the United States, citing national security concerns. This move has led to a significant surge in gallium prices, with assessments rising to $595 per kilogram—a 17% increase over previous levels—marking the highest prices since 2011.[3]

The export restrictions have prompted concerns over supply chain stability, given gallium's critical role in high-tech industries. The United States, lacking substantial domestic production, may face potential challenges in securing alternative sources to meet its industrial demands. This situation has highlighted the need for diversified and reliable supplies of gallium outside of China's dominant production.

In this context, the high-grade gallium mineralisation at the Rio Negro prospect positions it as a strategically significant asset. The potential to develop an independent source of gallium could contribute to mitigating global supply.

Similarly, the Al_2O_3 grades, particularly those exceeding 30%, align with industrial requirements for metallurgical-grade bauxite. The intercepts also reveal localized zones of extremely high-grade aluminum oxide.

The Brazilian bauxite industry plays a crucial role in the global aluminum supply chain, with the country's high-quality DSO bauxite being a significant contributor to international markets. Ongoing investments in mining infrastructure and logistics continue to enhance Brazil's position as a leading bauxite exporter.

In H1 2025, the Company intends to test both the prospect's reactive silica (SiO_2) levels and remaining Al_2O_3 assays. While the available data still indicate strong potential for high alumina recovery, reactive silica content remains unknown. Elevated reactive silica could increase caustic soda consumption and waste generation, potentially offsetting the benefits of high Al_2O_3 and Ga_2O_3 grades. Even if silica is found to be elevated, Brazilian bauxite is often beneficiated to reduce impurities prior to refining[4], underscoring the importance of these tests for fully assessing the

[2] U.S. Geological Survey (2013). *Gallium—A smart metal*. [online] Available at: https://pubs.usgs.gov/of/2013/1272/pdf/ofr2013-1272.pdf [Accessed 23 Dec. 2024].

[3] Financial Times, 2023. *China's gallium curbs deepen global supply chain concerns*. [online] Available at: https://www.ft.com [Accessed 23 Dec. 2024].

[4] Zhang, X. (2021) 'Bauxite Beneficiation in Brazil: A Review', *Journal of Mineral Processing*, 52(3), pp. 45–67.

mineralisation's economic viability and refining strategies. The Rio Negro intercepts and Campo Grande Project present a multi-commodity opportunity, with gallium and aluminum oxide grades capable of meeting global demand in critical and industrial applications. The data indicates the project's prospectivity to host world-class bauxite mineralisation with gallium as a high-value by-product.

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Authorised for release by the Board of Equinox Resources Limited.

COMPETENT PERSON STATEMENT

Sergio Luiz Martins Pereira, the in-country Exploration Manager for Equinox Resources Limited, compiled and evaluated the technical information in this release and is a member of the Australian Institute of Geoscientists (MAIG, 2019, #7341), accepted to report in accordance with ASX listing rules. Sergio Luiz Martins Pereira has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity that he is undertaking to qualify as a Competent Person as defined in the 2012 edition of the 'Australian Code for Reporting of Regulation, Exploration Results, Mineral Resources, and Ore Reserves. Sergio Luiz Martins Pereira consents to including matters in the report based on information in the form and context in which it appears. The Company confirms that it is unaware of any new information or data that materially affects the information included in the market announcements referred to in this release and that all material assumptions and technical information referenced in the market announcement continue to apply and have not materially changed. All announcements referred to throughout can be found on the Company's website – eqnx.com.au.

COMPLIANCE STATEMENT

This announcement contains information on the Campo Grande Project extracted from ASX market announcements dated 28 November 2023, 27 February 2024, 5 March 2024, 2 April 2024, 9 April 2024, 18 April 2024, 20 May 2024, 11 June 2024, 14 June 2024, 4 July 2024, 17 July 2024, 26 August 2024, and 14 October 2024 released by the Company and reported in accordance with the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (2012 JORC Code) and available for viewing at www.eqnx.com.au or www.asx.com.au. EQN is not aware of any new information or data that materially affects the information included in the original market announcement

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Annex 1 – Rio Negro Assay Results (all holes were drilled vertically)

Hole ID	Easting (m)	Northing (m)	Elevation (m)	From (m)	To (m)	Depth (m)	TREO (ppm)	%MREO	Al_2O_3 %	P_2O_5 %	Ga_2O_3 (g/t)
CG_AD24_001E	402099	8468709	262	0	1	1	440.8	24%			46.4
CG_AD24_001E	402099	8468709	262	1	2	1	401.3	24%			52.3
CG_AD24_001E	402099	8468709	262	2	3	1	445.1	22%			61.7
CG_AD24_001E	402099	8468709	262	3	4	1	382.2	22%			58.6
CG_AD24_001E	402099	8468709	262	4	5	1	231.9	20%			63.2
CG_AD24_001E	402099	8468709	262	5	6	1	339.6	21%			59.0
CG_AD24_001E	402099	8468709	262	6	7	1	534.1	22%			58.5
CG_AD24_001E	402099	8468709	262	7	7.5	0.5	632.6	21%			58.6
CG_AD24_002	402327	8468710	292	0	1	1	350.2	23%			65.9
CG_AD24_002	402327	8468710	292	1	2	1	449.3	24%			63.7
CG_AD24_002	402327	8468710	292	2	3	1	354.4	20%			63.6
CG_AD24_002	402327	8468710	292	3	4	1	220.8	10%			67.2
CG_AD24_002	402327	8468710	292	4	5	1	292.9	5%			64.0
CG_AD24_002	402327	8468710	292	5	6	1	227.6	5%			65.3
CG_AD24_002	402327	8468710	292	6	7	1	424.6	8%			62.4
CG_AD24_002	402327	8468710	292	7	8	1	576.9	10%			64.0
CG_AD24_002	402327	8468710	292	8	9	1	483.7	16%			61.2
CG_AD24_002	402327	8468710	292	9	10	1	681.6	19%			55.2
CG_AD24_002	402327	8468710	292	10	11	1	457.1	18%			53.4
CG_AD24_002	402327	8468710	292	11	12	1	169.2	8%			44.9
CG_AD24_002	402327	8468710	292	12	13	1	688.3	16%			51.9

CG_AD24_002	402327	8468710	292	13	14	1	607.2	18%	43.7
CG_AD24_002	402327	8468710	292	14	15	1	700.6	20%	47.6
CG_AD24_002	402327	8468710	292	15	16	1	770.7	22%	43.7
CG_AD24_002	402327	8468710	292	16	17	1	839.6	22%	46.1
CG_AD24_002	402327	8468710	292	17	18	1	1594.9	5%	37.9
CG_AD24_002	402327	8468710	292	18	19	1	673.2	11%	45.7
CG_AD24_002	402327	8468710	292	19	20	1	826.6	21%	44.8
CG_AD24_003	402123	8468508	248	0	1	1	483.6	22%	26.5
CG_AD24_003	402123	8468508	248	1	2	1	583.9	20%	33.1
CG_AD24_003	402123	8468508	248	2	3	1	648.8	22%	37.4
CG_AD24_003	402123	8468508	248	3	4	1	650.3	22%	23.1
CG_AD24_003	402123	8468508	248	4	5	1	548.4	23%	27.3
CG_AD24_003	402123	8468508	248	5	6	1	870.4	22%	28.6
CG_AD24_003	402123	8468508	248	6	7	1	1079.1	20%	21.8
CG_AD24_004	402125	8468295	265	0	1	1	473.4	20%	62.8
CG_AD24_004	402125	8468295	265	1	2	1	544.3	20%	82.5
CG_AD24_004	402125	8468295	265	2	3	1	515.6	21%	87.8
CG_AD24_004	402125	8468295	265	3	4	1	532.6	20%	91.7
CG_AD24_004	402125	8468295	265	4	5	1	547.2	22%	85.2
CG_AD24_004	402125	8468295	265	5	6	1	501.8	19%	80.2
CG_AD24_004	402125	8468295	265	6	7	1	544.1	20%	85.4
CG_AD24_004	402125	8468295	265	7	8	1	323.3	21%	63.2
CG_AD24_004	402125	8468295	265	8	9	1	121.8	21%	63.3
CG_AD24_004	402125	8468295	265	9	10	1	244.0	24%	63.8

CG_AD24_004	402125	8468295	265	10	11	1	182.7	22%	57.5
CG_AD24_004	402125	8468295	265	11	12	1	125.3	21%	54.8
CG_AD24_004	402125	8468295	265	12	13	1	130.7	20%	60.0
CG_AD24_004	402125	8468295	265	13	14	1	450.9	9%	49.1
CG_AD24_004	402125	8468295	265	14	15	1	468.1	19%	59.0
CG_AD24_004	402125	8468295	265	15	15.5	0.5	452.8	14%	51.5
CG_AD24_005	401929	8468505	284	0	1	1	700.7	22%	70.0
CG_AD24_005	401929	8468505	284	1	2	1	782.9	22%	78.1
CG_AD24_005	401929	8468505	284	2	3	1	882.9	21%	72.7
CG_AD24_005	401929	8468505	284	3	4	1	988.3	23%	91.8
CG_AD24_005	401929	8468505	284	4	5	1	611.1	23%	94.2
CG_AD24_005	401929	8468505	284	5	6	1	460.5	22%	67.3
CG_AD24_005	401929	8468505	284	6	7	1	237.2	17%	85.4
CG_AD24_005	401929	8468505	284	7	8	1	122.5	16%	60.0
CG_AD24_005	401929	8468505	284	8	9	1	613.5	14%	62.2
CG_AD24_005	401929	8468505	284	9	10	1	784.7	9%	78.8
CG_AD24_005	401929	8468505	284	10	11	1	426.3	20%	61.4
CG_AD24_006	401913	8468313	312	0	1	1	448.1	20%	84.4
CG_AD24_006	401913	8468313	312	1	2	1	442.7	20%	87.8
CG_AD24_006	401913	8468313	312	2	3	1	416.3	20%	86.0
CG_AD24_006	401913	8468313	312	3	4	1	220.4	18%	106.5
CG_AD24_006	401913	8468313	312	4	5	1	220.9	14%	101.9
CG_AD24_006	401913	8468313	312	5	6	1	452.6	18%	76.5
CG_AD24_006	401913	8468313	312	6	7	1	640.6	23%	62.2

CG_AD24_006	401913	8468313	312	7	8	1	175.5	21%	59.1
CG_AD24_006	401913	8468313	312	8	9	1	135.1	21%	55.4
CG_AD24_006	401913	8468313	312	9	10	1	418.3	18%	68.4
CG_AD24_006	401913	8468313	312	10	11	1	2093.4	18%	59.3
CG_AD24_006	401913	8468313	312	11	12	1	1799.9	17%	58.6
CG_AD24_006	401913	8468313	312	12	13	1	432.6	18%	63.6
CG_AD24_006	401913	8468313	312	13	14	1	257.7	16%	71.6
CG_AD24_006	401913	8468313	312	14	15	1	246.4	15%	76.1
CG_AD24_006	401913	8468313	312	15	16	1	876.3	17%	99.1
CG_AD24_006	401913	8468313	312	16	17	1	574.1	17%	69.8
CG_AD24_006	401913	8468313	312	17	18	1	637.6	17%	67.7
CG_AD24_006	401913	8468313	312	18	19	1	718.8	20%	61.8
CG_AD24_006	401913	8468313	312	19	20	1	475.4	20%	60.6
CG_AD24_007	401735	8468320	330	0	1	1	894.1	16%	51.1
CG_AD24_007	401735	8468320	330	1	2	1	519.8	19%	45.7
CG_AD24_007	401735	8468320	330	2	3	1	300.2	25%	19.4
CG_AD24_007	401735	8468320	330	3	4	1	420.4	29%	8.7
CG_AD24_007	401735	8468320	330	4	5	1	183.2	23%	5.2
CG_AD24_007	401735	8468320	330	5	6	1	161.8	21%	4.4
CG_AD24_007	401735	8468320	330	6	6.5	0.5	244.2	21%	4.4
CG_AD24_008	401536	8468307	379	0	1	1	611.8	22%	47.3
CG_AD24_008	401536	8468307	379	1	2	1	590.8	21%	49.6
CG_AD24_008	401536	8468307	379	2	3	1	755.7	17%	35.2
CG_AD24_008	401536	8468307	379	3	4	1	322.6	14%	47.0

CG_AD24_008	401536	8468307	379	4	5	1	273.0	14%	47.3
CG_AD24_008	401536	8468307	379	5	6	1	539.0	17%	46.4
CG_AD24_008	401536	8468307	379	6	7	1	1514.4	18%	41.8
CG_AD24_008	401536	8468307	379	7	8	1	435.1	16%	44.1
CG_AD24_008	401536	8468307	379	8	9	1	1146.5	23%	39.4
CG_AD24_008	401536	8468307	379	9	10	1	3508.2	27%	40.9
CG_AD24_008	401536	8468307	379	10	11	1	4914.1	23%	48.0
CG_AD24_008	401536	8468307	379	11	12	1	609.9	24%	41.3
CG_AD24_008	401536	8468307	379	12	13	1	422.6	25%	44.2
CG_AD24_008	401536	8468307	379	13	14	1	346.5	24%	46.6
CG_AD24_008	401536	8468307	379	14	15	1	362.9	22%	48.5
CG_AD24_008	401536	8468307	379	15	16	1	373.4	16%	45.8
CG_AD24_008	401536	8468307	379	16	17	1	771.0	13%	50.4
CG_AD24_008	401536	8468307	379	17	18	1	863.2	9%	55.8
CG_AD24_008	401536	8468307	379	18	19	1	651.9	9%	46.0
CG_AD24_008	401536	8468307	379	19	20	1	590.3	10%	47.7
CG_AD24_009	402126	8467742	244	0	1	1	865.5	20%	64.4
CG_AD24_009	402126	8467742	244	1	2	1	917.5	14%	57.9
CG_AD24_009	402126	8467742	244	2	3	1	1011.1	16%	53.1
CG_AD24_009	402126	8467742	244	3	4	1	1506.5	21%	51.5
CG_AD24_009	402126	8467742	244	4	5	1	564.1	20%	48.4
CG_AD24_009	402126	8467742	244	5	6	1	554.5	21%	47.6
CG_AD24_009	402126	8467742	244	6	7	1	577.4	16%	50.9
CG_AD24_009	402126	8467742	244	7	8	1	1186.1	20%	55.6

CG_AD24_009	402126	8467742	244	8	9	1	942.3	20%	65.7
CG_AD24_009	402126	8467742	244	9	10	1	619.4	19%	47.5
CG_AD24_009	402126	8467742	244	10	11	1	1029.2	15%	47.7
CG_AD24_009	402126	8467742	244	11	12	1	692.1	12%	48.1
CG_AD24_009	402126	8467742	244	12	13	1	425.4	16%	46.0
CG_AD24_009	402126	8467742	244	13	14	1	1095.8	8%	45.8
CG_AD24_009	402126	8467742	244	14	15	1	1339.2	15%	52.0
CG_AD24_009	402126	8467742	244	15	16	1	716.1	28%	55.5
CG_AD24_009	402126	8467742	244	16	17	1	645.0	21%	55.2
CG_AD24_009	402126	8467742	244	17	18	1	539.5	24%	49.1
CG_AD24_009	402126	8467742	244	18	19	1	820.6	26%	51.6
CG_AD24_009	402126	8467742	244	19	20	1	909.5	27%	48.9
CG_AD24_010	401931	8467709	259	0	1	1	631.5	19%	78.9
CG_AD24_010	401931	8467709	259	1	2	1	677.9	19%	85.9
CG_AD24_010	401931	8467709	259	2	3	1	746.2	17%	85.2
CG_AD24_010	401931	8467709	259	3	4	1	882.0	14%	86.0
CG_AD24_010	401931	8467709	259	4	5	1	753.0	15%	63.4
CG_AD24_010	401931	8467709	259	5	6	1	534.8	13%	73.4
CG_AD24_010	401931	8467709	259	6	7	1	794.4	16%	61.2
CG_AD24_010	401931	8467709	259	7	8	1	1083.7	16%	65.5
CG_AD24_010	401931	8467709	259	8	9	1	1073.8	16%	65.9
CG_AD24_010	401931	8467709	259	9	10	1	1382.5	18%	68.6
CG_AD24_010	401931	8467709	259	10	11	1	1815.6	21%	62.1
CG_AD24_010	401931	8467709	259	11	12	1	916.9	23%	62.0

CG_AD24_010	401931	8467709	259	12	13	1	1143.2	26%	56.6
CG_AD24_010	401931	8467709	259	13	14	1	2247.2	30%	56.3
CG_AD24_010	401931	8467709	259	14	15	1	931.8	22%	55.9
CG_AD24_010	401931	8467709	259	15	16	1	1163.2	24%	61.2
CG_AD24_010	401931	8467709	259	16	17	1	1883.4	25%	54.3
CG_AD24_010	401931	8467709	259	17	18	1	2121.5	25%	54.7
CG_AD24_011	401721	8466718	394	0	1	1	423.4	21%	79.2
CG_AD24_011	401721	8466718	394	1	2	1	472.9	23%	88.2
CG_AD24_011	401721	8466718	394	2	3	1	305.1	19%	95.4
CG_AD24_011	401721	8466718	394	3	4	1	288.8	14%	102.2
CG_AD24_011	401721	8466718	394	4	5	1	348.2	19%	91.7
CG_AD24_011	401721	8466718	394	5	6	1	344.5	23%	101.8
CG_AD24_011	401721	8466718	394	6	7	1	433.6	24%	94.1
CG_AD24_011	401721	8466718	394	7	8	1	577.4	26%	94.6
CG_AD24_011	401721	8466718	394	8	9	1	226.2	17%	100.8
CG_AD24_011	401721	8466718	394	9	10	1	272.0	15%	95.6
CG_AD24_011	401721	8466718	394	10	11	1	1853.7	24%	83.2
CG_AD24_011	401721	8466718	394	11	12	1	1156.9	25%	89.4
CG_AD24_011	401721	8466718	394	12	13	1	515.7	24%	80.1
CG_AD24_011	401721	8466718	394	13	14	1	245.6	21%	84.4
CG_AD24_011	401721	8466718	394	14	15	1	200.9	23%	87.4
CG_AD24_011	401721	8466718	394	15	16	1	397.4	10%	84.1
CG_AD24_011	401721	8466718	394	16	17	1	397.0	12%	80.4
CG_AD24_012	402928	8465917	249	0	1	1	518.8	23%	57.3

CG_AD24_012	402928	8465917	249	1	2	1	546.5	24%	57.1
CG_AD24_012	402928	8465917	249	2	3	1	507.7	23%	64.8
CG_AD24_012	402928	8465917	249	3	4	1	437.0	21%	55.6
CG_AD24_012	402928	8465917	249	4	5	1	490.4	20%	54.7
CG_AD24_012	402928	8465917	249	5	6	1	555.4	19%	58.6
CG_AD24_012	402928	8465917	249	6	7	1	767.5	18%	69.9
CG_AD24_012	402928	8465917	249	7	8	1	853.1	20%	76.1
CG_AD24_012	402928	8465917	249	8	9	1	588.7	22%	68.4
CG_AD24_012	402928	8465917	249	9	10	1	415.3	22%	70.8
CG_AD24_012	402928	8465917	249	10	11	1	437.7	21%	52.7
CG_AD24_012	402928	8465917	249	11	12	1	763.0	24%	52.7
CG_AD24_012	402928	8465917	249	12	13	1	1117.2	27%	47.2
CG_AD24_012	402928	8465917	249	13	14	1	831.4	27%	47.2
CG_AD24_012	402928	8465917	249	14	15	1	945.9	26%	70.3
CG_AD24_012	402928	8465917	249	15	16	1	314.0	20%	48.9
CG_AD24_012	402928	8465917	249	16	17	1	582.3	21%	58.6
CG_AD24_012	402928	8465917	249	17	18	1	179.9	18%	39.8
CG_AD24_012	402928	8465917	249	18	19	1	930.1	19%	42.1
CG_AD24_012	402928	8465917	249	19	20	1	624.3	22%	44.4
CG_AD24_013	401754	8467679	325	0	1	1	561.1	19%	71.2
CG_AD24_013	401754	8467679	325	1	2	1	492.9	15%	77.8
CG_AD24_013	401754	8467679	325	2	3	1	917.4	14%	84.6
CG_AD24_013	401754	8467679	325	3	4	1	1002.2	12%	82.7
CG_AD24_013	401754	8467679	325	4	5	1	812.7	12%	81.7

CG_AD24_013	401754	8467679	325	5	5.5	0.5	897.9	13%	84.1
CG_AD24_013	401754	8467679	325	5.5	6.5	1	1244.5	13%	74.2
CG_AD24_013	401754	8467679	325	6.5	7.5	1	873.6	17%	70.4
CG_AD24_013	401754	8467679	325	7.5	8.5	1	1611.3	16%	69.0
CG_AD24_013	401754	8467679	325	8.5	9	0.5	2010.4	12%	61.2
CG_AD24_013	401754	8467679	325	9	10	1	630.9	14%	38.6
CG_AD24_013	401754	8467679	325	10	11	1	210.9	13%	51.1
CG_AD24_013	401754	8467679	325	11	12	1	109.3	11%	40.3
CG_AD24_013	401754	8467679	325	12	13	1	177.8	10%	44.5
CG_AD24_013	401754	8467679	325	13	14	1	436.0	11%	47.6
CG_AD24_013	401754	8467679	325	14	15	1	345.6	15%	54.8
CG_AD24_013	401754	8467679	325	15	16	1	436.8	28%	55.2
CG_AD24_013	401754	8467679	325	16	17	1	523.2	29%	56.7
CG_AD24_013	401754	8467679	325	17	18	1	378.5	30%	58.1
CG_AD24_013	401754	8467679	325	18	19	1	485.3	31%	48.1
CG_AD24_013	401754	8467679	325	19	20	1	442.8	31%	55.2
CG_AD24_014	403329	8465722	269	0	2	2	236.7	22%	64.5
CG_AD24_014	403329	8465722	269	2	3	1	290.5	19%	67.6
CG_AD24_014	403329	8465722	269	3	4	1	203.9	22%	61.2
CG_AD24_014	403329	8465722	269	4	5	1	164.1	21%	60.1
CG_AD24_014	403329	8465722	269	5	6	1	200.0	23%	55.9
CG_AD24_014	403329	8465722	269	6	7	1	273.1	26%	57.4
CG_AD24_014	403329	8465722	269	7	8	1	511.5	28%	52.0
CG_AD24_014	403329	8465722	269	8	9	1	404.7	27%	49.7

CG_AD24_014	403329	8465722	269	9	10	1	322.7	30%	46.8
CG_AD24_014	403329	8465722	269	10	11	1	138.4	28%	47.6
CG_AD24_014	403329	8465722	269	11	12	1	207.2	25%	47.2
CG_AD24_014	403329	8465722	269	12	13	1	882.4	26%	54.3
CG_AD24_014	403329	8465722	269	13	14	1	66.3	19%	52.4
CG_AD24_014	403329	8465722	269	14	15	1	320.6	25%	48.1
CG_AD24_014	403329	8465722	269	15	16	1	254.9	16%	39.7
CG_AD24_014	403329	8465722	269	16	17	1	853.8	17%	48.1
CG_AD24_014	403329	8465722	269	17	18	1	532.6	10%	41.1
CG_AD24_014	403329	8465722	269	18	19	1	241.2	29%	46.8
CG_AD24_014	403329	8465722	269	19	20	1	454.7	28%	47.6
CG_AD24_015	403186	8465908	224	0	1	1	172.2	23%	65.9
CG_AD24_015	403186	8465908	224	1	2	1	198.1	24%	66.0
CG_AD24_015	403186	8465908	224	2	3	1	156.7	21%	64.1
CG_AD24_015	403186	8465908	224	3	3.5	0.5	208.7	24%	62.2
CG_AD24_015	403186	8465908	224	3.5	4.5	1	152.1	19%	63.0
CG_AD24_015	403186	8465908	224	4.5	5.5	1	157.0	17%	54.4
CG_AD24_015	403186	8465908	224	5.5	6.5	1	231.9	17%	53.6
CG_AD24_015	403186	8465908	224	6.5	7	0.5	231.1	23%	51.2
CG_AD24_015	403186	8465908	224	7	8	1	552.8	26%	47.2
CG_AD24_015	403186	8465908	224	8	9	1	836.6	20%	62.1
CG_AD24_015	403186	8465908	224	9	10	1	335.6	29%	47.6
CG_AD24_015	403186	8465908	224	10	10.5	0.5	613.4	30%	40.2
CG_AD24_016A	402776	8465910	192	0	3	3	469.8	24%	59.0

CG_AD24_016A	402776	8465910	192	3	4	1	622.0	19%	66.7
CG_AD24_016A	402776	8465910	192	4	4.5	0.5	616.4	15%	57.7
CG_AD24_016A	402776	8465910	192	4.5	6	1.5	715.0	14%	50.7
CG_AD24_016A	402776	8465910	192	6	7	1	198.5	11%	49.1
CG_AD24_016A	402776	8465910	192	7	8	1	395.7	9%	49.9
CG_AD24_016A	402776	8465910	192	8	9	1	585.7	9%	53.1
CG_AD24_016A	402776	8465910	192	9	9.5	0.5	743.1	23%	54.3
CG_AD24_016A	402776	8465910	192	9.5	10	0.5	974.3	27%	44.6
CG_AD24_016A	402776	8465910	192	10	11	1	1277.8	29%	42.9
CG_AD24_016A	402776	8465910	192	11	12	1	1241.9	27%	39.8
CG_AD24_016A	402776	8465910	192	12	13	1	1160.4	23%	40.9
CG_AD24_016A	402776	8465910	192	13	14	1	951.3	24%	44.0
CG_AD24_016A	402776	8465910	192	14	15	1	772.5	23%	40.6
CG_AD24_016A	402776	8465910	192	15	16	1	708.2	23%	40.2
CG_AD24_016A	402776	8465910	192	16	17	1	738.4	23%	40.1
CG_AD24_017A	403207	8465700	237	0	1	1	322.4	21%	64.1
CG_AD24_017A	403207	8465700	237	1	2	1	281.0	19%	64.0
CG_AD24_017A	403207	8465700	237	2	3	1	362.5	14%	66.1
CG_AD24_017A	403207	8465700	237	3	4	1	693.5	7%	66.3
CG_AD24_017A	403207	8465700	237	4	5	1	536.0	11%	60.1
CG_AD24_017A	403207	8465700	237	5	6	1	499.9	10%	52.2
CG_AD24_017A	403207	8465700	237	6	7	1	440.3	10%	50.4
CG_AD24_017A	403207	8465700	237	7	8	1	398.0	14%	48.7
CG_AD24_017A	403207	8465700	237	8	8.5	0.5	344.1	15%	50.8

CG_AD24_017A	403207	8465700	237	8.5	9	0.5	373.6	18%	47.3
CG_AD24_017A	403207	8465700	237	9	10	1	749.6	18%	49.5
CG_AD24_017A	403207	8465700	237	10	10.75	0.75	1362.4	29%	52.6
CG_AD24_018A	403337	8465477	248	0	2	2	180.9	22%	60.4
CG_AD24_018A	403337	8465477	248	2	3	1	186.6	21%	58.7
CG_AD24_018A	403337	8465477	248	3	4	1	156.3	23%	57.0
CG_AD24_018A	403337	8465477	248	4	5	1	114.0	19%	49.2
CG_AD24_018A	403337	8465477	248	5	6	1	217.3	21%	50.9
CG_AD24_018A	403337	8465477	248	6	7	1	313.2	19%	60.8
CG_AD24_018A	403337	8465477	248	7	8	1	1074.3	13%	63.2
CG_AD24_018A	403337	8465477	248	8	9	1	270.6	24%	61.8
CG_AD24_018A	403337	8465477	248	9	10	1	297.7	23%	45.6
CG_AD24_018A	403337	8465477	248	10	12	2	224.8	22%	46.9
CG_AD24_018A	403337	8465477	248	12	13	1	443.1	21%	60.9
CG_AD24_018A	403337	8465477	248	13	14.75	1.75	365.8	16%	54.2
CG_AD24_019	403127	8465526	229	0	1	1	324.9	23%	55.5
CG_AD24_019	403127	8465526	229	1	2	1	239.2	22%	68.3
CG_AD24_019	403127	8465526	229	2	3	1	609.5	18%	55.8
CG_AD24_019	403127	8465526	229	3	4	1	192.1	19%	52.0
CG_AD24_019	403127	8465526	229	4	5	1	58.7	16%	46.4
CG_AD24_019	403127	8465526	229	5	6	1	51.6	18%	48.3
CG_AD24_019	403127	8465526	229	6	7	1	77.7	18%	47.3
CG_AD24_019	403127	8465526	229	7	8	1	301.0	21%	45.6
CG_AD24_019	403127	8465526	229	8	9	1	150.7	19%	53.9

CG_AD24_019	403127	8465526	229	9	10	1	105.1	20%	47.5
CG_AD24_019	403127	8465526	229	10	11	1	185.4	8%	44.0
CG_AD24_019	403127	8465526	229	11	12	1	324.6	9%	48.0
CG_AD24_019	403127	8465526	229	12	13	1	185.3	8%	59.1
CG_AD24_019	403127	8465526	229	13	14	1	338.3	4%	57.7
CG_AD24_019	403127	8465526	229	14	15	1	299.0	5%	59.4
CG_AD24_019	403127	8465526	229	15	16	1	167.2	7%	42.3
CG_AD24_019	403127	8465526	229	16	17	1	331.3	4%	44.6
CG_AD24_019	403127	8465526	229	17	18	1	216.2	7%	44.1
CG_AD24_019	403127	8465526	229	18	19	1	338.0	9%	53.9
CG_AD24_020A	402940	8465527	198	0	1	1	210.2	11%	53.1
CG_AD24_020A	402940	8465527	198	1	2	1	256.7	15%	51.5
CG_AD24_020A	402940	8465527	198	2	3	1	210.7	12%	59.5
CG_AD24_020A	402940	8465527	198	3	4	1	188.6	19%	63.6
CG_AD24_020A	402940	8465527	198	4	5	1	394.6	30%	63.7
CG_AD24_020A	402940	8465527	198	5	5.5	0.5	767.4	34%	55.5
CG_AD24_020A	402940	8465527	198	5.5	6	0.5	749.6	34%	48.9
CG_AD24_020A	402940	8465527	198	6	7	1	1120.8	36%	52.4
CG_AD24_020A	402940	8465527	198	7	8	1	1568.6	36%	47.7
CG_AD24_020A	402940	8465527	198	8	9	1	1317.6	34%	52.4
CG_AD24_020A	402940	8465527	198	9	10	1	937.3	33%	46.0
CG_AD24_020A	402940	8465527	198	10	10.8	0.8	733.9	31%	47.0
CG_AD24_021C	402722	8465490	213	0	1	1	1315.8	22%	74.1
CG_AD24_021C	402722	8465490	213	1	2	1	1936.5	21%	86.6

CG_AD24_021C	402722	8465490	213	2	3	1	2403.7	22%	84.7
CG_AD24_021C	402722	8465490	213	3	4	1	2108.4	22%	53.5
CG_AD24_021C	402722	8465490	213	4	5	1	1559.7	20%	45.2
CG_AD24_021C	402722	8465490	213	5	6	1	1193.8	19%	46.1
CG_AD24_022	402530	8465686	275	0	1	1	439.7	24%	73.4
CG_AD24_022	402530	8465686	275	1	2	1	498.8	25%	79.0
CG_AD24_022	402530	8465686	275	2	3	1	595.0	26%	71.1
CG_AD24_022	402530	8465686	275	3	4	1	439.7	25%	62.4
CG_AD24_022	402530	8465686	275	4	5	1	733.3	27%	78.6
CG_AD24_022	402530	8465686	275	5	6	1	538.7	27%	64.8
CG_AD24_022	402530	8465686	275	6	7	1	430.4	28%	56.9
CG_AD24_022	402530	8465686	275	7	8	1	344.4	27%	52.7
CG_AD24_022	402530	8465686	275	8	9	1	778.5	30%	65.6
CG_AD24_022	402530	8465686	275	9	10	1	207.7	28%	54.6
CG_AD24_022	402530	8465686	275	10	11	1	455.1	30%	62.5
CG_AD24_022	402530	8465686	275	11	12	1	330.9	28%	70.4
CG_AD24_022	402530	8465686	275	12	13	1	787.1	32%	66.5
CG_AD24_022	402530	8465686	275	13	14	1	331.7	28%	53.2
CG_AD24_022	402530	8465686	275	14	15	1	413.9	30%	59.0
CG_AD24_022	402530	8465686	275	15	16	1	428.7	26%	62.4
CG_AD24_022	402530	8465686	275	16	17	1	661.3	21%	64.5
CG_AD24_022	402530	8465686	275	17	18	1	817.5	21%	64.7
CG_AD24_022	402530	8465686	275	18	18.9	0.9	960.4	22%	65.2
CG_AD24_022	402530	8465686	275	18.9	19.4	0.5	1785.3	31%	53.1

CG_AD24_023B	402374	8467711	236	0	1	1	417.1	23%	49.7
CG_AD24_023B	402374	8467711	236	1	2	1	526.6	22%	53.8
CG_AD24_023B	402374	8467711	236	2	3	1	160.1	20%	58.1
CG_AD24_023B	402374	8467711	236	3	4	1	214.6	19%	52.8
CG_AD24_023B	402374	8467711	236	4	4.5	0.5	186.9	18%	42.1
CG_AD24_023B	402374	8467711	236	4.5	5	0.5	369.7	21%	29.2
CG_AD24_024	402532	8467710	129	0	1	1	576.5	24%	64.5
CG_AD24_024	402532	8467710	129	1	2	1	606.5	24%	72.5
CG_AD24_024	402532	8467710	129	2	3	1	349.4	22%	63.8
CG_AD24_024	402532	8467710	129	3	4	1	780.8	23%	66.5
CG_AD24_024	402532	8467710	129	4	5	1	594.8	22%	57.3
CG_AD24_024	402532	8467710	129	5	6	1	650.9	21%	66.0
CG_AD24_024	402532	8467710	129	6	7	1	3021.8	21%	60.0
CG_AD24_024	402532	8467710	129	7	7.5	0.5	4632.6	26%	54.3
CG_AD24_024	402532	8467710	129	7.5	8	0.5	1870.8	24%	60.9
CG_AD24_024	402532	8467710	129	8	9	1	1891.6	23%	57.1
CG_AD24_024	402532	8467710	129	9	10	1	1002.3	22%	51.8
CG_AD24_024	402532	8467710	129	10	11	1	1458.8	22%	46.9
CG_AD24_024	402532	8467710	129	11	12	1	3660.7	23%	65.5
CG_AD24_024	402532	8467710	129	12	13	1	3319.0	19%	66.8
CG_AD24_024	402532	8467710	129	13	14.75	1.75	1731.9	23%	47.5
CG_AD24_025B	405971	8468747	266	0	1	1	239.4	21%	56.9
CG_AD24_025B	405971	8468747	266	1	2	1	243.4	22%	55.8
CG_AD24_025B	405971	8468747	266	2	3	1	238.2	22%	48.0

CG_AD24_025B	405971	8468747	266	3	4	1	231.4	18%	61.6
CG_AD24_025B	405971	8468747	266	4	5	1	455.8	20%	76.1
CG_AD24_025B	405971	8468747	266	5	6	1	489.8	14%	70.3
CG_AD24_025B	405971	8468747	266	6	7	1	526.3	16%	64.5
CG_AD24_025B	405971	8468747	266	7	7.5	0.5	707.9	10%	60.9
CG_AD24_025B	405971	8468747	266	7.5	8	0.5	813.8	14%	58.5
CG_AD24_025B	405971	8468747	266	8	9	1	545.0	21%	57.5
CG_AD24_025B	405971	8468747	266	9	9.5	0.5	205.4	22%	41.0
CG_AD24_026A	401065	8466972	542	0	1	1	351.3	21%	66.3
CG_AD24_026A	401065	8466972	542	1	2	1	399.9	20%	72.0
CG_AD24_026A	401065	8466972	542	2	3	1	382.2	19%	79.6
CG_AD24_026A	401065	8466972	542	3	4	1	411.0	19%	80.7
CG_AD24_026A	401065	8466972	542	4	5	1	559.6	18%	75.1
CG_AD24_026A	401065	8466972	542	5	6	1	957.9	20%	80.7
CG_AD24_026A	401065	8466972	542	6	7	1	578.4	20%	80.0
CG_AD24_026A	401065	8466972	542	7	8	1	980.5	21%	82.3
CG_AD24_026A	401065	8466972	542	8	9	1	352.2	18%	72.3
CG_AD24_026A	401065	8466972	542	9	10	1	557.9	23%	57.7
CG_AD24_026A	401065	8466972	542	10	11	1	676.1	20%	70.0
CG_AD24_026A	401065	8466972	542	11	12	1	1035.1	19%	64.8
CG_AD24_026A	401065	8466972	542	12	13	1	1093.1	19%	68.0
CG_AD24_026A	401065	8466972	542	13	14	1	834.3	22%	62.1
CG_AD24_026A	401065	8466972	542	14	15	1	1135.5	22%	61.2
CG_AD24_026A	401065	8466972	542	15	16	1	685.2	22%	82.8

CG_AD24_026A	401065	8466972	542	16	17	1	1252.2	19%	78.5
CG_AD24_026A	401065	8466972	542	17	18	1	4259.7	21%	55.5
CG_AD24_026A	401065	8466972	542	18	19	1	5260.1	23%	59.1
CG_AD24_026A	401065	8466972	542	19	20	1	2863.8	24%	58.2
CG_AD24_027B	405727	8468758	266	0	1	1	356.0	25%	57.5
CG_AD24_027B	405727	8468758	266	1	2	1	403.4	25%	67.1
CG_AD24_027B	405727	8468758	266	2	3	1	251.8	26%	64.7
CG_AD24_027B	405727	8468758	266	3	4	1	344.3	26%	58.9
CG_AD24_027B	405727	8468758	266	4	5	1	424.3	29%	56.7
CG_AD24_027B	405727	8468758	266	5	6	1	331.9	28%	50.3
CG_AD24_027B	405727	8468758	266	6	7	1	362.3	26%	64.1
CG_AD24_027B	405727	8468758	266	7	8	1	421.8	26%	59.5
CG_AD24_027B	405727	8468758	266	8	9	1	672.1	27%	52.4
CG_AD24_027B	405727	8468758	266	9	9.9	0.9	469.3	27%	53.5
CG_AD24_028	405751	8468580	255	0	1	1	523.5	23%	55.8
CG_AD24_028	405751	8468580	255	1	2	1	558.5	23%	42.9
CG_AD24_028	405751	8468580	255	2	3	1	381.3	23%	38.7
CG_AD24_028	405751	8468580	255	3	4	1	351.1	24%	48.4
CG_AD24_028A	405669	8468569	268	0	1	1	390.0	24%	62.9
CG_AD24_028A	405669	8468569	268	1	2	1	436.7	25%	54.6
CG_AD24_028A	405669	8468569	268	2	3	1	702.9	25%	45.8
CG_AD24_028A	405669	8468569	268	3	4	1	804.6	25%	41.9
CG_AD24_028A	405669	8468569	268	4	5	1	552.3	22%	43.3
CG_AD24_029	405981	8468536	279	0	1	1	427.3	23%	66.0

CG_AD24_029	405981	8468536	279	1	2	1	423.6	23%	67.9
CG_AD24_029	405981	8468536	279	2	3	1	463.7	22%	69.6
CG_AD24_029	405981	8468536	279	3	4	1	464.5	20%	66.5
CG_AD24_029	405981	8468536	279	4	5	1	494.3	22%	59.8
CG_AD24_029	405981	8468536	279	5	6	1	475.0	27%	54.4
CG_AD24_029	405981	8468536	279	6	7	1	452.0	27%	50.3
CG_AD24_029	405981	8468536	279	7	8	1	199.3	21%	52.0
CG_AD24_029	405981	8468536	279	8	9	1	137.5	17%	52.3
CG_AD24_029	405981	8468536	279	9	10	1	157.4	17%	46.5
CG_AD24_029	405981	8468536	279	10	11	1	382.2	25%	59.4
CG_AD24_029	405981	8468536	279	11	12	1	318.9	23%	60.2
CG_AD24_029	405981	8468536	279	12	13	1	471.0	22%	62.4
CG_AD24_029	405981	8468536	279	13	14	1	411.0	21%	58.6
CG_AD24_029	405981	8468536	279	14	15	1	326.4	22%	52.8
CG_AD24_029	405981	8468536	279	15	16	1	280.6	21%	51.1
CG_AD24_029	405981	8468536	279	16	17	1	281.5	16%	48.4
CG_AD24_029	405981	8468536	279	17	18	1	509.8	14%	47.3
CG_AD24_029	405981	8468536	279	18	19	1	692.4	17%	51.1
CG_AD24_029	405981	8468536	279	19	19.5	0.5	638.6	18%	50.8
CG_AD24_030A	405960	8468310	298	0	1	1	312.1	22%	60.4
CG_AD24_030A	405960	8468310	298	1	2	1	315.7	22%	66.8
CG_AD24_030A	405960	8468310	298	2	3	1	323.7	22%	66.5
CG_AD24_030A	405960	8468310	298	3	4	1	312.0	21%	58.3
CG_AD24_030A	405960	8468310	298	4	5	1	370.3	21%	58.5

CG_AD24_030A	405960	8468310	298	5	6	1	526.5	20%	81.5
CG_AD24_030A	405960	8468310	298	6	7	1	511.0	19%	82.8
CG_AD24_030A	405960	8468310	298	7	7.5	0.5	550.4	21%	75.7
CG_AD24_030A	405960	8468310	298	7.5	8	0.5	675.1	26%	62.4
CG_AD24_030A	405960	8468310	298	8	9	1	633.4	28%	55.0
CG_AD24_030A	405960	8468310	298	9	10	1	323.7	24%	43.0
CG_AD24_030A	405960	8468310	298	10	11	1	408.7	22%	71.8
CG_AD24_030A	405960	8468310	298	11	12	1	282.8	20%	56.9
CG_AD24_030A	405960	8468310	298	12	13	1	324.6	20%	43.4
CG_AD24_030A	405960	8468310	298	13	14	1	424.5	20%	66.3
CG_AD24_030A	405960	8468310	298	14	15	1	529.3	20%	41.9
CG_AD24_031	405968	8468163	286	0	1	1	373.5	23%	60.5
CG_AD24_031	405968	8468163	286	1	3	2	509.2	23%	65.3
CG_AD24_031	405968	8468163	286	3	4	1	548.1	23%	67.3
CG_AD24_031	405968	8468163	286	4	5	1	674.3	24%	69.9
CG_AD24_031	405968	8468163	286	5	6	1	485.4	24%	56.2
CG_AD24_031	405968	8468163	286	6	7	1	254.9	18%	50.5
CG_AD24_031	405968	8468163	286	7	8	1	626.7	22%	46.6
CG_AD24_031	405968	8468163	286	8	9	1	220.0	25%	46.5
CG_AD24_031	405968	8468163	286	9	10	1	202.8	20%	49.6
CG_AD24_031	405968	8468163	286	10	11	1	536.2	25%	48.0
CG_AD24_031	405968	8468163	286	11	12	1	417.7	24%	52.0
CG_AD24_031	405968	8468163	286	12	13	1	526.4	25%	53.0
CG_AD24_031	405968	8468163	286	13	14	1	561.4	24%	54.4

CG_AD24_031	405968	8468163	286	14	15	1	412.3	22%	59.3
CG_AD24_031	405968	8468163	286	15	16	1	285.7	19%	51.3
CG_AD24_031	405968	8468163	286	16	17	1	393.5	21%	45.7
CG_AD24_031	405968	8468163	286	17	18	1	228.9	20%	48.8
CG_AD24_031	405968	8468163	286	18	18.5	0.5	353.5	23%	50.3
CG_AD24_031	405968	8468163	286	18.5	19	0.5	368.9	19%	52.3
CG_AD24_032	405964	8467898	280	0	1	1	387.9	24%	68.6
CG_AD24_032	405964	8467898	280	1	2	1	414.3	24%	68.4
CG_AD24_032	405964	8467898	280	2	3	1	737.9	25%	60.0
CG_AD24_032	405964	8467898	280	3	4	1	464.1	25%	55.8
CG_AD24_032	405964	8467898	280	4	5	1	465.1	25%	56.6
CG_AD24_032	405964	8467898	280	5	6	1	550.3	24%	58.7
CG_AD24_032	405964	8467898	280	6	7	1	766.2	23%	54.7
CG_AD24_032	405964	8467898	280	7	8	1	758.7	21%	54.4
CG_AD24_032	405964	8467898	280	8	9	1	733.2	20%	53.1
CG_AD24_033	405781	8468144	294	0	1	1	340.7	21%	64.7
CG_AD24_033	405781	8468144	294	1	2	1	371.6	21%	66.4
CG_AD24_033	405781	8468144	294	2	3	1	374.0	20%	63.4
CG_AD24_033	405781	8468144	294	3	4	1	286.2	19%	61.6
CG_AD24_033	405781	8468144	294	4	5	1	214.6	15%	57.3
CG_AD24_033	405781	8468144	294	5	6	1	177.5	18%	57.9
CG_AD24_033	405781	8468144	294	6	6.5	0.5	218.9	16%	58.7
CG_AD24_033	405781	8468144	294	6.5	7	0.5	502.6	25%	55.1
CG_AD24_033	405781	8468144	294	7	8	1	1056.8	30%	53.5

CG_AD24_033	405781	8468144	294	8	9	1	767.7	30%	56.3
CG_AD24_033	405781	8468144	294	9	10	1	507.4	26%	48.0
CG_AD24_034	405761	8467952	268	0	1	1	372.2	21%	62.2
CG_AD24_034	405761	8467952	268	1	2	1	401.6	21%	71.0
CG_AD24_034	405761	8467952	268	2	3	1	424.0	21%	73.8
CG_AD24_034	405761	8467952	268	3	4	1	437.6	21%	66.4
CG_AD24_034	405761	8467952	268	4	5	1	349.6	19%	60.1
CG_AD24_034	405761	8467952	268	5	6	1	245.2	16%	55.2
CG_AD24_034	405761	8467952	268	6	7	1	246.9	16%	52.7
CG_AD24_035	405769	8467754	286	0	1	1	223.2	23%	68.3
CG_AD24_035	405769	8467754	286	1	2	1	229.2	24%	74.5
CG_AD24_035	405769	8467754	286	2	3	1	242.4	23%	75.1
CG_AD24_035	405769	8467754	286	3	4	1	228.8	23%	67.7
CG_AD24_035	405769	8467754	286	4	5	1	258.1	25%	64.7
CG_AD24_035	405769	8467754	286	5	6	1	496.2	25%	71.5
CG_AD24_035	405769	8467754	286	6	7	1	785.4	19%	73.4
CG_AD24_035	405769	8467754	286	7	8	1	1114.3	17%	68.8
CG_AD24_035	405769	8467754	286	8	9	1	519.2	21%	51.2
CG_AD24_035	405769	8467754	286	9	10	1	372.8	20%	58.9
CG_AD24_035	405769	8467754	286	10	11	1	457.5	19%	66.0
CG_AD24_035	405769	8467754	286	11	12	1	481.1	19%	55.6
CG_AD24_035	405769	8467754	286	12	12.8	0.8	574.1	22%	66.3
CG_AD24_035	405769	8467754	286	12.8	13.8	1	535.1	24%	55.9
CG_AD24_036C	402320	8466730	244	0	1	1	550.6	20%	63.2

CG_AD24_036C	402320	8466730	244	1	2	1	446.1	20%	62.8
CG_AD24_036C	402320	8466730	244	2	3	1	513.9	22%	52.6
CG_AD24_036C	402320	8466730	244	3	4	1	334.0	22%	54.3
CG_AD24_036C	402320	8466730	244	4	5	1	450.8	22%	49.1
CG_AD24_036C	402320	8466730	244	5	6	1	738.1	21%	55.9
CG_AD24_036C	402320	8466730	244	6	7	1	695.4	18%	44.4
CG_AD24_036C	402320	8466730	244	7	7.5	0.5	858.6	22%	25.3
CG_AD24_036C	402320	8466730	244	7.5	8	0.5	972.1	24%	37.0
CG_AD24_036C	402320	8466730	244	8	9	1	606.6	23%	45.4
CG_AD24_036C	402320	8466730	244	9	10	1	1591.2	23%	36.0
CG_AD24_036C	402320	8466730	244	10	11	1	3305.8	29%	31.6
CG_AD24_036C	402320	8466730	244	11	12	1	3227.5	21%	25.8
CG_AD24_036C	402320	8466730	244	12	13	1	3754.9	28%	21.1
CG_AD24_036C	402320	8466730	244	13	14	1	711.6	14%	34.9
CG_AD24_037	402135	8466711	278	0	1	1	385.5	23%	67.1
CG_AD24_037	402135	8466711	278	1	2	1	371.7	22%	69.4
CG_AD24_037	402135	8466711	278	2	3	1	382.5	22%	71.6
CG_AD24_037	402135	8466711	278	3	4	1	856.0	22%	61.4
CG_AD24_037	402135	8466711	278	4	5	1	697.2	21%	67.2
CG_AD24_037	402135	8466711	278	5	6	1	383.6	20%	66.3
CG_AD24_037	402135	8466711	278	6	7	1	285.8	21%	68.2
CG_AD24_037	402135	8466711	278	7	8	1	330.1	21%	68.8
CG_AD24_037	402135	8466711	278	8	8.5	0.5	415.3	21%	64.3
CG_AD24_037	402135	8466711	278	8.5	9	0.5	416.4	21%	63.3

CG_AD24_037	402135	8466711	278	9	10	1	536.7	21%	66.0
CG_AD24_037	402135	8466711	278	10	10.9	0.9	347.5	20%	64.0
CG_AD24_038A	401917	8466703	293	0	1	1	450.0	20%	55.1
CG_AD24_038A	401917	8466703	293	1	2	1	540.5	18%	66.1
CG_AD24_038A	401917	8466703	293	2	3	1	1135.8	21%	58.9
CG_AD24_038A	401917	8466703	293	3	4	1	1562.7	16%	59.4
CG_AD24_038A	401917	8466703	293	4	5	1	1552.8	13%	55.2
CG_AD24_038A	401917	8466703	293	5	5.5	0.5	1707.6	15%	59.4
CG_AD24_038A	401917	8466703	293	5.5	6	0.5	2011.6	19%	51.5
CG_AD24_038A	401917	8466703	293	6	7	1	2098.5	16%	46.9
CG_AD24_038A	401917	8466703	293	7	7.5	0.5	1279.8	24%	45.4
CG_AD24_038A	401917	8466703	293	7.5	8	0.5	1904.4	28%	48.9
CG_AD24_039A	401907	8466507	345	0	1	1	548.3	22%	57.9
CG_AD24_039A	401907	8466507	345	1	2	1	651.3	20%	58.2
CG_AD24_039A	401907	8466507	345	2	3	1	767.1	21%	22.6
CG_AD24_039A	401907	8466507	345	3	4	1	607.8	21%	60.2
CG_AD24_039A	401907	8466507	345	4	5	1	484.3	20%	64.4
CG_AD24_039A	401907	8466507	345	5	6	1	425.7	22%	65.2
CG_AD24_039A	401907	8466507	345	6	7	1	356.4	21%	70.2
CG_AD24_039A	401907	8466507	345	7	8	1	392.3	21%	60.9
CG_AD24_039A	401907	8466507	345	8	9	1	327.4	21%	62.5
CG_AD24_039A	401907	8466507	345	9	10	1	259.6	19%	67.3
CG_AD24_039A	401907	8466507	345	10	11	1	357.9	17%	71.4
CG_AD24_039A	401907	8466507	345	11	12	1	359.5	17%	68.8

CG_AD24_039A	401907	8466507	345	12	13	1	365.7	18%	67.2
CG_AD24_039A	401907	8466507	345	13	13.9	0.9	318.1	18%	66.0
CG_AD24_040	401742	8466481	388	0	1	1	497.0	19%	81.1
CG_AD24_040	401742	8466481	388	1	2	1	542.0	18%	77.6
CG_AD24_040	401742	8466481	388	2	3	1	541.1	17%	85.2
CG_AD24_040	401742	8466481	388	3	4	1	872.3	20%	59.1
CG_AD24_040	401742	8466481	388	4	5	1	276.5	21%	69.2
CG_AD24_040	401742	8466481	388	5	6	1	757.3	26%	72.9
CG_AD24_040	401742	8466481	388	6	7	1	241.4	15%	56.3
CG_AD24_040	401742	8466481	388	7	7.5	0.5	585.5	14%	75.7
CG_AD24_040	401742	8466481	388	7.5	8	0.5	6084.8	22%	61.2
CG_AD24_040	401742	8466481	388	8	9	1	1781.3	24%	53.1
CG_AD24_040	401742	8466481	388	9	10	1	2024.4	26%	59.1
CG_AD24_040	401742	8466481	388	10	11	1	1484.5	14%	54.2
CG_AD24_040	401742	8466481	388	11	11.6	0.6	2453.2	6%	43.6
CG_AD24_041A	401912	8466299	370	0	1	1	635.2	15%	57.7
CG_AD24_041A	401912	8466299	370	1	2	1	635.3	14%	68.4
CG_AD24_041A	401912	8466299	370	2	3	1	655.8	14%	67.5
CG_AD24_041A	401912	8466299	370	3	4	1	922.3	11%	69.0
CG_AD24_041A	401912	8466299	370	4	5	1	1106.2	10%	59.3
CG_AD24_041A	401912	8466299	370	5	6	1	1356.1	10%	56.7
CG_AD24_041A	401912	8466299	370	6	7	1	1638.1	9%	53.4
CG_AD24_041A	401912	8466299	370	7	8	1	2908.7	12%	49.9
CG_AD24_041A	401912	8466299	370	8	9	1	2034.1	14%	54.6

CG_AD24_041A	401912	8466299	370	9	10	1	1900.2	16%	51.5
CG_AD24_042	402336	8466877	249	0	1	1	879.6	23%	69.4
CG_AD24_042	402336	8466877	249	1	2	1	919.4	22%	69.4
CG_AD24_042	402336	8466877	249	2	3	1	1358.6	22%	72.0
CG_AD24_042	402336	8466877	249	3	4	1	1416.8	21%	70.7
CG_AD24_042	402336	8466877	249	4	5	1	1195.3	21%	73.7
CG_AD24_042	402336	8466877	249	5	6	1	992.1	20%	62.6
CG_AD24_042	402336	8466877	249	6	7	1	1280.2	20%	68.7
CG_AD24_042	402336	8466877	249	7	8	1	1208.8	21%	66.3
CG_AD24_042	402336	8466877	249	8	9	1	914.2	20%	58.5
CG_AD24_042	402336	8466877	249	9	10	1	717.7	22%	53.0
CG_AD24_042	402336	8466877	249	10	11	1	538.6	22%	46.4
CG_AD24_042	402336	8466877	249	11	12	1	651.0	21%	56.2
CG_AD24_042	402336	8466877	249	12	12.5	0.5	844.5	19%	58.2
CG_AD24_042	402336	8466877	249	12.5	13	0.5	1646.3	20%	63.4
CG_AD24_042	402336	8466877	249	13	13.5	0.5	1530.2	19%	48.8
CG_AD24_042	402336	8466877	249	13.5	14	0.5	722.5	21%	38.2
CG_AD24_043A	401738	8466140	456	0	1	1	870.5	11%	52.0
CG_AD24_043A	401738	8466140	456	1	2	1	906.3	12%	50.1
CG_AD24_043A	401738	8466140	456	2	3	1	662.7	13%	50.3
CG_AD24_043A	401738	8466140	456	3	4	1	1113.2	18%	51.9
CG_AD24_043A	401738	8466140	456	4	5	1	2287.7	12%	55.9
CG_AD24_043A	401738	8466140	456	5	6	1	2231.1	11%	55.9
CG_AD24_043A	401738	8466140	456	6	7	1	1569.1	29%	53.2

CG_AD24_044D	402527	8466859	224	0	1	1	584.3	19%	49.3
CG_AD24_044D	402527	8466859	224	1	2	1	751.7	16%	52.3
CG_AD24_044D	402527	8466859	224	2	3	1	1122.7	16%	52.4
CG_AD24_044D	402527	8466859	224	3	4	1	1116.6	12%	53.1
CG_AD24_044D	402527	8466859	224	4	5	1	1086.9	14%	55.9
CG_AD24_044D	402527	8466859	224	5	6	1	822.7	11%	47.2
CG_AD24_044D	402527	8466859	224	6	7	1	957.6	15%	48.7
CG_AD24_044D	402527	8466859	224	7	8	1	858.5	17%	48.4
CG_AD24_045	401529	8466510	463	0	1	1	445.5	25%	61.2
CG_AD24_045	401529	8466510	463	1	2	1	499.6	24%	63.7
CG_AD24_045	401529	8466510	463	2	3	1	416.5	24%	63.7
CG_AD24_045	401529	8466510	463	3	4	1	620.2	22%	61.0
CG_AD24_045	401529	8466510	463	4	5	1	2511.9	19%	59.4
CG_AD24_045	401529	8466510	463	5	6	1	2756.6	28%	55.1
CG_AD24_045	401529	8466510	463	6	7	1	3933.1	28%	54.3
CG_AD24_045	401529	8466510	463	7	8	1	4019.1	27%	53.5
CG_AD24_045	401529	8466510	463	8	9	1	2825.7	31%	45.6
CG_AD24_045	401529	8466510	463	9	10	1	2114.9	24%	39.7
CG_AD24_045	401529	8466510	463	10	11	1	674.9	25%	43.1
CG_AD24_046A	402092	8467085	287	0	1	1	1015.8	22%	66.7
CG_AD24_046A	402092	8467085	287	1	2	1	991.7	22%	66.8
CG_AD24_046A	402092	8467085	287	2	3	1	1067.3	22%	68.6
CG_AD24_046A	402092	8467085	287	3	4	1	1395.8	21%	69.5
CG_AD24_046A	402092	8467085	287	4	5	1	1397.5	19%	63.3

CG_AD24_046A	402092	8467085	287	5	6	1	1252.9	19%	63.7
CG_AD24_046A	402092	8467085	287	6	6.5	0.5	1535.0	17%	65.5
CG_AD24_047	401902	8467079	327	0	1	1	984.5	20%	57.3
CG_AD24_047	401902	8467079	327	1	2	1	1382.7	17%	69.9
CG_AD24_047	401902	8467079	327	2	3	1	1401.1	19%	71.1
CG_AD24_047	401902	8467079	327	3	4	1	801.7	19%	62.9
CG_AD24_047	401902	8467079	327	4	5	1	307.1	17%	63.8
CG_AD24_047	401902	8467079	327	5	5.5	0.5	226.6	17%	26.3
CG_AD24_047	401902	8467079	327	5.5	6	0.5	338.7	15%	39.3
CG_AD24_047	401902	8467079	327	6	6.5	0.5	172.0	14%	40.9
CG_AD24_047	401902	8467079	327	6.5	7	0.5	172.4	10%	28.6
CG_AD24_047B	401916	8467084	322	0	1	1	604.6	19%	45.2
CG_AD24_047B	401916	8467084	322	1	2	1	816.8	19%	36.4
CG_AD24_047B	401916	8467084	322	2	3	1	135.7	21%	8.3
CG_AD24_047B	401916	8467084	322	3	4	1	38.4	19%	9.9
CG_AD24_047B	401916	8467084	322	4	5	1	130.3	21%	13.2
CG_AD24_047B	401916	8467084	322	5	5.7	0.7	151.0	18%	21.2
CG_AD24_048	405961	8467748	307	0	1	1	371.3	23%	71.6
CG_AD24_048	405961	8467748	307	1	2	1	373.2	24%	72.2
CG_AD24_048	405961	8467748	307	2	3	1	384.1	24%	74.3
CG_AD24_048	405961	8467748	307	3	4	1	677.3	20%	73.5
CG_AD24_048	405961	8467748	307	4	5	1	680.5	20%	67.3
CG_AD24_048	405961	8467748	307	5	6	1	865.7	19%	69.1
CG_AD24_048	405961	8467748	307	6	7	1	1308.3	20%	64.5

CG_AD24_048	405961	8467748	307	7	8	1	812.2	19%	70.6
CG_AD24_048	405961	8467748	307	8	9	1	872.2	21%	80.9
CG_AD24_048	405961	8467748	307	9	10	1	637.3	22%	55.2
CG_AD24_048	405961	8467748	307	10	10.5	0.5	512.3	23%	52.7
CG_AD24_048	405961	8467748	307	10.5	11	0.5	418.2	24%	46.5
CG_AD24_048	405961	8467748	307	11	12	1	351.2	24%	48.3
CG_AD24_048	405961	8467748	307	12	13	1	296.2	27%	50.0
CG_AD24_048	405961	8467748	307	13	14	1	276.6	26%	57.1
CG_AD24_048	405961	8467748	307	14	15	1	402.7	20%	49.3
CG_AD24_048	405961	8467748	307	15	16	1	200.3	19%	53.9
CG_AD24_048	405961	8467748	307	16	16.5	0.5	234.2	22%	53.1
CG_AD24_048	405961	8467748	307	16.5	17	0.5	291.1	22%	52.8
CG_AD24_048	405961	8467748	307	17	18	1	513.2	25%	50.8
CG_AD24_048	405961	8467748	307	18	19	1	554.7	27%	53.8
CG_AD24_048	405961	8467748	307	19	20	1	630.2	24%	47.2
CG_AD24_049	405976	8467549	333	0	1	1	308.4	23%	63.7
CG_AD24_049	405976	8467549	333	1	2	1	332.0	23%	69.9
CG_AD24_049	405976	8467549	333	2	3	1	338.8	22%	73.5
CG_AD24_049	405976	8467549	333	3	4	1	389.3	22%	69.1
CG_AD24_049	405976	8467549	333	4	5	1	256.4	18%	61.7
CG_AD24_049	405976	8467549	333	5	6	1	312.5	20%	64.0
CG_AD24_049	405976	8467549	333	6	7.3	1.3	387.9	23%	60.5
CG_AD24_049	405976	8467549	333	7.3	8.6	1.3	402.1	20%	56.2
CG_AD24_049	405976	8467549	333	8.6	9.6	1	459.4	20%	58.1

CG_AD24_049	405976	8467549	333	9.6	10.6	1	347.6	24%	53.9
CG_AD24_049	405976	8467549	333	10.6	11.6	1	1207.7	24%	77.3
CG_AD24_049	405976	8467549	333	11.6	12.35	0.75	457.5	22%	58.7
CG_AD24_049	405976	8467549	333	12.35	13.35	1	2024.0	21%	72.2
CG_AD24_049	405976	8467549	333	13.35	14	0.65	968.0	24%	49.9
CG_AD24_049	405976	8467549	333	14	15.35	1.35	236.4	24%	46.0
CG_AD24_049	405976	8467549	333	15.35	16.35	1	357.6	31%	63.3
CG_AD24_049	405976	8467549	333	16.35	17.35	1	343.9	33%	62.5
CG_AD24_049	405976	8467549	333	17.35	18.35	1	595.3	39%	51.6
CG_AD24_049	405976	8467549	333	18.35	19.3	0.95	813.0	41%	45.2
CG_AD24_049	405976	8467549	333	19.3	20	0.7	448.4	36%	57.1
CG_AD24_050	405567	8467358	268	0	1	1	237.3	23%	60.9
CG_AD24_050	405567	8467358	268	1	2	1	263.1	22%	63.4
CG_AD24_050	405567	8467358	268	2	3	1	380.2	21%	65.9
CG_AD24_050	405567	8467358	268	3	4	1	410.2	19%	61.6
CG_AD24_050	405567	8467358	268	4	5	1	403.1	14%	53.9
CG_AD24_050	405567	8467358	268	5	6	1	422.9	21%	65.3
CG_AD24_050	405567	8467358	268	6	7	1	361.2	19%	51.9
CG_AD24_050	405567	8467358	268	7	8	1	372.7	26%	53.4
CG_AD24_050	405567	8467358	268	8	9	1	357.2	24%	52.0
CG_AD24_050	405567	8467358	268	9	10	1	596.6	21%	48.8
CG_AD24_050	405567	8467358	268	10	10.9	0.9	489.6	21%	47.5
CG_AD24_051	405759	8467346	316	0	1	1	238.9	24%	66.3
CG_AD24_051	405759	8467346	316	1	2	1	233.7	23%	66.0

CG_AD24_051	405759	8467346	316	2	3	1	233.7	23%	65.1
CG_AD24_051	405759	8467346	316	3	4	1	220.8	23%	63.7
CG_AD24_051	405759	8467346	316	4	5	1	223.6	24%	66.1
CG_AD24_051	405759	8467346	316	5	6	1	312.6	24%	69.5
CG_AD24_051	405759	8467346	316	6	7	1	393.3	26%	66.3
CG_AD24_051	405759	8467346	316	7	8	1	540.3	19%	63.4
CG_AD24_051	405759	8467346	316	8	9	1	480.2	23%	66.3
CG_AD24_051	405759	8467346	316	9	9.75	0.75	503.0	20%	65.5
CG_AD24_051	405759	8467346	316	9.75	11	1.25	850.0	17%	46.2
CG_AD24_051	405759	8467346	316	11	12	1	455.0	20%	50.7
CG_AD24_051	405759	8467346	316	12	13	1	848.5	20%	61.6
CG_AD24_051	405759	8467346	316	13	13.9	0.9	936.2	22%	56.1
CG_AD24_052	405987	8467345	364	0	1	1	360.3	24%	62.6
CG_AD24_052	405987	8467345	364	1	2	1	410.7	24%	70.7
CG_AD24_052	405987	8467345	364	2	3	1	443.3	23%	77.4
CG_AD24_052	405987	8467345	364	3	4	1	546.4	24%	64.1
CG_AD24_052	405987	8467345	364	4	5	1	624.1	27%	75.4
CG_AD24_052	405987	8467345	364	5	6	1	1197.7	24%	51.9
CG_AD24_052	405987	8467345	364	6	7.5	1.5	681.4	24%	60.0
CG_AD24_052	405987	8467345	364	7.5	9	1.5	618.0	24%	64.5
CG_AD24_052	405987	8467345	364	9	10	1	548.7	21%	48.5
CG_AD24_052	405987	8467345	364	10	11.4	1.4	327.8	24%	50.8
CG_AD24_052	405987	8467345	364	11.4	12.5	1.1	1454.3	27%	66.1
CG_AD24_052	405987	8467345	364	12.5	13.5	1	508.3	31%	47.0

CG_AD24_052	405987	8467345	364	13.5	14.5	1	334.2	32%	44.9
CG_AD24_052	405987	8467345	364	14.5	15.25	0.75	652.3	29%	55.8
CG_AD24_052	405987	8467345	364	15.25	16	0.75	1735.0	24%	63.8
CG_AD24_052	405987	8467345	364	16	17	1	1807.5	23%	57.0
CG_AD24_052	405987	8467345	364	17	18	1	628.7	26%	43.7
CG_AD24_052	405987	8467345	364	18	19	1	383.1	25%	35.1
CG_AD24_052	405987	8467345	364	19	20	1	640.4	25%	54.4
CG_AD24_053A	405367	8466987	254	0	1.5	1.5	346.9	23%	49.6
CG_AD24_053A	405367	8466987	254	1.5	3	1.5	413.2	23%	68.8
CG_AD24_053A	405367	8466987	254	3	4	1	419.7	23%	64.3
CG_AD24_053A	405367	8466987	254	4	5	1	357.6	22%	56.1
CG_AD24_053A	405367	8466987	254	5	5.55	0.55	325.0	22%	62.5
CG_AD24_053A	405367	8466987	254	5.55	7	1.45	282.1	22%	81.1
CG_AD24_053A	405367	8466987	254	7	8	1	289.8	21%	46.9
CG_AD24_053A	405367	8466987	254	8	9	1	403.6	22%	55.8
CG_AD24_053A	405367	8466987	254	9	10.25	1.25	483.8	23%	49.1
CG_AD24_053A	405367	8466987	254	10.25	11	0.75	571.2	26%	55.1
CG_AD24_053A	405367	8466987	254	11	12	1	550.1	28%	65.2
CG_AD24_053A	405367	8466987	254	12	13	1	653.7	27%	63.0
CG_AD24_053A	405367	8466987	254	13	14	1	512.5	28%	62.9
CG_AD24_053A	405367	8466987	254	14	15	1	546.0	23%	53.2
CG_AD24_053A	405367	8466987	254	15	16	1	458.8	21%	55.4
CG_AD24_053A	405367	8466987	254	16	17	1	479.2	24%	51.8
CG_AD24_053A	405367	8466987	254	17	18	1	464.9	22%	48.9

CG_AD24_053A	405367	8466987	254	18	19	1	549.0	22%	50.4
CG_AD24_054	405552	8466948	250	0	0.6	0.6	219.0	23%	55.6
CG_AD24_054	405552	8466948	250	0.6	2	1.4	241.1	22%	59.8
CG_AD24_054	405552	8466948	250	2	3	1	385.2	23%	62.1
CG_AD24_054	405552	8466948	250	3	4	1	287.5	22%	64.3
CG_AD24_054	405552	8466948	250	4	5	1	382.7	18%	58.1
CG_AD24_054	405552	8466948	250	5	6	1	392.6	13%	61.2
CG_AD24_054	405552	8466948	250	6	7	1	628.9	7%	49.9
CG_AD24_054	405552	8466948	250	7	8	1	433.1	14%	52.2
CG_AD24_054	405552	8466948	250	8	9	1	442.3	13%	51.5
CG_AD24_055A	405748	8466940	266	0	1	1	424.9	22%	64.8
CG_AD24_055A	405748	8466940	266	1	2	1	213.0	21%	30.5
CG_AD24_055A	405748	8466940	266	2	3	1	309.2	22%	64.0
CG_AD24_055A	405748	8466940	266	3	4	1	409.2	20%	52.7
CG_AD24_055A	405748	8466940	266	4	5	1	428.6	15%	50.4
CG_AD24_055A	405748	8466940	266	5	6	1	597.7	19%	62.9
CG_AD24_055A	405748	8466940	266	6	7	1	850.3	8%	48.5
CG_AD24_055A	405748	8466940	266	7	8	1	368.5	12%	50.3
CG_AD24_055A	405748	8466940	266	8	9	1	448.7	17%	49.7
CG_AD24_055A	405748	8466940	266	9	9.65	0.65	645.7	18%	53.1
CG_AD24_056	405164	8466350	243	0	1.5	1.5	160.8	22%	60.1
CG_AD24_056	405164	8466350	243	1.5	2.5	1	160.4	23%	63.2
CG_AD24_056	405164	8466350	243	2.5	3.5	1	162.9	22%	68.6
CG_AD24_056	405164	8466350	243	3.5	4.35	0.85	150.1	23%	68.2

CG_AD24_056	405164	8466350	243	4.35	5.35	1	138.2	23%	67.7
CG_AD24_056	405164	8466350	243	5.35	6.35	1	164.2	23%	63.8
CG_AD24_056	405164	8466350	243	6.35	7.35	1	147.7	23%	59.3
CG_AD24_056	405164	8466350	243	7.35	8.35	1	131.2	23%	60.9
CG_AD24_056	405164	8466350	243	8.35	9.6	1.25	134.9	23%	60.0
CG_AD24_056	405164	8466350	243	9.6	11	1.4	377.5	20%	57.5
CG_AD24_056	405164	8466350	243	11	12.3	1.3	216.0	8%	45.3
CG_AD24_056	405164	8466350	243	12.3	13.45	1.15	151.1	17%	53.5
CG_AD24_056	405164	8466350	243	13.45	14.8	1.35	204.2	15%	44.8
CG_AD24_056	405164	8466350	243	14.8	15.8	1	170.8	20%	58.5
CG_AD24_056	405164	8466350	243	15.8	17	1.2	230.2	21%	61.2
CG_AD24_056	405164	8466350	243	17	18	1	303.2	22%	51.1
CG_AD24_056	405164	8466350	243	18	19	1	322.0	22%	47.9
CG_AD24_056	405164	8466350	243	19	20	1	254.1	20%	36.7
CG_AD24_057	405173	8466541	269	0	1	1	237.1	21%	67.3
CG_AD24_057	405173	8466541	269	1	2	1	223.3	22%	68.6
CG_AD24_057	405173	8466541	269	2	3	1	238.1	22%	66.4
CG_AD24_057	405173	8466541	269	3	4	1	249.8	22%	68.2
CG_AD24_057	405173	8466541	269	4	5	1	240.6	22%	64.7
CG_AD24_057	405173	8466541	269	5	5.9	0.9	286.1	22%	61.7
CG_AD24_057	405173	8466541	269	5.9	7	1.1	710.9	24%	83.9
CG_AD24_057	405173	8466541	269	7	8	1	1002.9	24%	84.7
CG_AD24_057	405173	8466541	269	8	9	1	496.5	23%	79.6
CG_AD24_057	405173	8466541	269	9	10	1	564.3	21%	76.1

CG_AD24_057	405173	8466541	269	10	11	1	498.7	19%	68.4
CG_AD24_057	405173	8466541	269	11	12	1	499.3	19%	58.3
CG_AD24_057	405173	8466541	269	12	13	1	557.3	19%	79.0
CG_AD24_057	405173	8466541	269	13	14	1	400.8	16%	62.1
CG_AD24_057	405173	8466541	269	14	15	1	539.0	16%	68.3
CG_AD24_057	405173	8466541	269	15	16	1	460.8	19%	62.9
CG_AD24_057	405173	8466541	269	16	17	1	2238.3	17%	56.2
CG_AD24_057	405173	8466541	269	17	18	1	2830.0	18%	79.0
CG_AD24_057	405173	8466541	269	18	19	1	1337.8	19%	87.1
CG_AD24_057	405173	8466541	269	19	20	1	935.4	22%	63.3
CG_AD24_058B	404977	8466350	231	0	1	1	146.7	23%	69.9
CG_AD24_058B	404977	8466350	231	1	2.35	1.35	149.6	22%	73.0
CG_AD24_058B	404977	8466350	231	2.35	3.35	1	183.5	20%	76.4
CG_AD24_058B	404977	8466350	231	3.35	4.35	1	187.0	19%	79.8
CG_AD24_058B	404977	8466350	231	4.35	5	0.65	216.1	21%	77.4
CG_AD24_058B	404977	8466350	231	5	6	1	192.9	23%	69.0
CG_AD24_058B	404977	8466350	231	6	7	1	194.1	11%	55.9
CG_AD24_058B	404977	8466350	231	7	8.35	1.35	319.1	20%	80.5
CG_AD24_058B	404977	8466350	231	8.35	9	0.65	209.1	16%	60.9
CG_AD24_058B	404977	8466350	231	9	9.5	0.5	234.2	17%	59.0
CG_AD24_059	405552	8466344	249	0	1	1	279.8	21%	64.1
CG_AD24_059	405552	8466344	249	1	2	1	289.7	23%	70.4
CG_AD24_059	405552	8466344	249	2	2.6	0.6	311.4	22%	63.7
CG_AD24_059	405552	8466344	249	2.6	3.6	1	567.0	21%	60.8

CG_AD24_059	405552	8466344	249	3.6	4.6	1	995.3	23%	56.5
CG_AD24_059	405552	8466344	249	4.6	6	1.4	522.7	26%	54.7
CG_AD24_059	405552	8466344	249	6	7	1	349.0	25%	54.6
CG_AD24_059	405552	8466344	249	7	8	1	273.6	23%	60.4
CG_AD24_059	405552	8466344	249	8	9	1	281.7	21%	62.9
CG_AD24_059	405552	8466344	249	9	10	1	254.7	23%	51.3
CG_AD24_059	405552	8466344	249	10	11.2	1.2	334.7	24%	50.8
CG_AD24_059	405552	8466344	249	11.2	11.9	0.7	260.9	18%	50.1
CG_AD24_060A	405354	8466566	244	0	1	1	393.6	24%	65.7
CG_AD24_060A	405354	8466566	244	1	2.35	1.35	409.4	24%	69.9
CG_AD24_060A	405354	8466566	244	2.35	3.35	1	479.6	24%	58.1
CG_AD24_060A	405354	8466566	244	3.35	4	0.65	334.1	24%	53.1
CG_AD24_060A	405354	8466566	244	4	5	1	348.0	23%	54.8
CG_AD24_060A	405354	8466566	244	5	6	1	285.3	20%	55.9
CG_AD24_060A	405354	8466566	244	6	7	1	184.2	18%	51.3
CG_AD24_060A	405354	8466566	244	7	8	1	326.4	20%	51.9
CG_AD24_060A	405354	8466566	244	8	9	1	278.0	16%	47.3
CG_AD24_060A	405354	8466566	244	9	10	1	268.6	23%	46.2
CG_AD24_060A	405354	8466566	244	10	11	1	292.7	21%	50.5
CG_AD24_060A	405354	8466566	244	11	12	1	273.4	20%	53.0
CG_AD24_060A	405354	8466566	244	12	13	1	237.4	18%	55.6
CG_AD24_060A	405354	8466566	244	13	14.3	1.3	209.0	19%	53.1
CG_AD24_061	405379	8466328	231	0	1.3	1.3	489.7	22%	49.9
CG_AD24_061	405379	8466328	231	1.3	2	0.7	330.8	20%	48.1

CG_AD24_061	405379	8466328	231	2	3	1	467.9	22%	49.7
CG_AD24_061A	405407	8466332	234	0	1	1	356.1	22%	47.0
CG_AD24_061A	405407	8466332	234	1	2	1	527.9	21%	44.4
CG_AD24_061A	405407	8466332	234	2	3	1	552.6	20%	42.6
CG_AD24_062	405165	8465737	276	0	1	1	178.1	22%	71.6
CG_AD24_062	405165	8465737	276	1	2	1	198.4	20%	81.3
CG_AD24_062	405165	8465737	276	2	3.35	1.35	188.6	21%	78.2
CG_AD24_062	405165	8465737	276	3.35	4.35	1	194.3	21%	75.3
CG_AD24_062	405165	8465737	276	4.35	5.35	1	220.5	20%	69.9
CG_AD24_062	405165	8465737	276	5.35	6.35	1	484.7	19%	73.0
CG_AD24_062	405165	8465737	276	6.35	7.4	1.05	785.1	18%	66.8
CG_AD24_062	405165	8465737	276	7.4	8.6	1.2	626.0	19%	66.1
CG_AD24_062	405165	8465737	276	8.6	9.6	1	290.8	21%	75.5
CG_AD24_062	405165	8465737	276	9.6	10.6	1	477.7	20%	73.3
CG_AD24_062	405165	8465737	276	10.6	11.6	1	334.2	19%	61.2
CG_AD24_062	405165	8465737	276	11.6	12.6	1	182.2	23%	57.5
CG_AD24_062	405165	8465737	276	12.6	13.6	1	314.0	28%	70.4
CG_AD24_062	405165	8465737	276	13.6	14.6	1	480.3	30%	65.3
CG_AD24_062	405165	8465737	276	14.6	15.5	0.9	231.9	24%	61.8
CG_AD24_062	405165	8465737	276	15.5	16.25	0.75	236.5	29%	47.2
CG_AD24_062	405165	8465737	276	16.25	17.45	1.2	330.3	21%	60.9
CG_AD24_062	405165	8465737	276	17.45	18.5	1.05	529.2	19%	55.4
CG_AD24_062	405165	8465737	276	18.5	20	1.5	393.3	16%	47.5
CG_AD24_063	405360	8465764	267	0	1.5	1.5	106.0	19%	69.0

CG_AD24_063	405360	8465764	267	1.5	3	1.5	102.1	16%	77.8
CG_AD24_063	405360	8465764	267	3	4.2	1.2	136.0	11%	71.1
CG_AD24_063	405360	8465764	267	4.2	5.2	1	140.4	7%	60.6
CG_AD24_063	405360	8465764	267	5.2	6	0.8	176.9	10%	60.6
CG_AD24_063	405360	8465764	267	6	7	1	242.4	6%	44.6
CG_AD24_063	405360	8465764	267	7	7.7	0.7	338.4	9%	50.3
CG_AD24_063	405360	8465764	267	7.7	8.8	1.1	219.6	19%	46.1
CG_AD24_063	405360	8465764	267	8.8	10	1.2	338.7	21%	68.0
CG_AD24_063	405360	8465764	267	10	11	1	296.0	21%	61.8
CG_AD24_063	405360	8465764	267	11	12	1	190.5	21%	49.3
CG_AD24_063	405360	8465764	267	12	13	1	166.7	21%	50.0
CG_AD24_063	405360	8465764	267	13	14	1	173.4	18%	48.9
CG_AD24_063	405360	8465764	267	14	15	1	395.8	21%	52.6
CG_AD24_063	405360	8465764	267	15	16	1	661.6	15%	44.8
CG_AD24_063	405360	8465764	267	16	17	1	250.9	10%	44.5
CG_AD24_063	405360	8465764	267	17	18	1	151.7	16%	52.3
CG_AD24_063	405360	8465764	267	18	19	1	390.4	2%	31.2
CG_AD24_063	405360	8465764	267	19	20	1	882.8	2%	40.6
CG_AD24_064A	404777	8466348	235	0	1	1	260.1	24%	62.0
CG_AD24_064A	404777	8466348	235	1	2	1	213.1	23%	68.0
CG_AD24_064A	404777	8466348	235	2	3	1	307.3	24%	60.6
CG_AD24_064A	404777	8466348	235	3	4	1	613.3	28%	47.3
CG_AD24_064A	404777	8466348	235	4	5	1	726.0	25%	49.6
CG_AD24_064A	404777	8466348	235	5	6	1	605.0	28%	51.9

CG_AD24_064A	404777	8466348	235	6	7	1	865.2	30%	53.1
CG_AD24_064A	404777	8466348	235	7	8	1	568.5	20%	44.4
CG_AD24_064A	404777	8466348	235	8	9	1	459.4	17%	46.8
CG_AD24_064A	404777	8466348	235	9	10	1	540.4	12%	50.5
CG_AD24_064A	404777	8466348	235	10	11	1	489.2	21%	48.8
CG_AD24_064A	404777	8466348	235	11	12	1	486.9	23%	52.3
CG_AD24_064A	404777	8466348	235	12	13	1	306.2	17%	45.2
CG_AD24_064A	404777	8466348	235	13	14	1	352.7	26%	43.3
CG_AD24_065	405578	8466730	269	0	1	1	290.2	24%	65.1
CG_AD24_065	405578	8466730	269	1	2	1	293.6	23%	67.5
CG_AD24_065	405578	8466730	269	2	3	1	294.9	23%	65.2
CG_AD24_065	405578	8466730	269	3	4	1	356.3	22%	68.6
CG_AD24_065	405578	8466730	269	4	5	1	431.2	21%	77.2
CG_AD24_065	405578	8466730	269	5	6	1	354.7	20%	70.3
CG_AD24_065	405578	8466730	269	6	7	1	256.8	21%	66.8
CG_AD24_065	405578	8466730	269	7	8	1	180.1	22%	61.4
CG_AD24_065	405578	8466730	269	8	9	1	167.7	23%	57.0
CG_AD24_065	405578	8466730	269	9	10	1	327.2	21%	49.6
CG_AD24_065	405578	8466730	269	10	11	1	417.1	25%	58.5
CG_AD24_065	405578	8466730	269	11	12	1	359.1	19%	66.8
CG_AD24_065	405578	8466730	269	12	13	1	701.4	20%	63.0
CG_AD24_065	405578	8466730	269	13	14	1	498.8	24%	51.9
CG_AD24_065	405578	8466730	269	14	15	1	390.7	26%	55.6
CG_AD24_065	405578	8466730	269	15	16	1	365.1	24%	62.0

CG_AD24_065	405578	8466730	269	16	16.6	0.6	540.4	18%			56.2
CG_AD24_066	404981	8465953	251	0	1	1	985.8	28%			51.6
CG_AD24_066	404981	8465953	251	1	2	1	882.1	29%			43.8
CG_AD24_066	404981	8465953	251	2	3	1	517.3	28%			52.8
CG_AD24_066	404981	8465953	251	3	4	1	390.3	25%			51.1
CG_AD24_066	404981	8465953	251	4	5	1	409.8	25%			53.1
CG_AD24_066	404981	8465953	251	5	5.6	0.6	405.0	28%			52.7
CG_AD24_066	404981	8465953	251	5.6	6.6	1	532.9	22%			51.3
CG_AD24_066	404981	8465953	251	6.6	7.6	1	474.3	22%			60.6
CG_AD24_066	404981	8465953	251	7.6	9	1.4	539.3	24%			65.2
CG_AD24_067	405007	8466525	262	0	1	1	327.1	21%	33.0	0.12	70.4
CG_AD24_067	405007	8466525	262	1	2	1	305.8	22%	31.9	0.11	65.2
CG_AD24_067	405007	8466525	262	2	3	1	445.9	19%	37.5	0.15	70.7
CG_AD24_067	405007	8466525	262	3	4	1	712.7	17%	34.1	0.19	72.9
CG_AD24_067	405007	8466525	262	4	5	1	734.8	18%	37.7	0.25	72.9
CG_AD24_067	405007	8466525	262	5	6.25	1.25	553.3	18%	38.7	0.27	70.8
CG_AD24_067	405007	8466525	262	6.25	7.25	1	649.3	19%	35.0	0.18	47.0
CG_AD24_067	405007	8466525	262	7.25	8.25	1	610.3	19%	38.9	0.32	73.5
CG_AD24_067	405007	8466525	262	8.25	9	0.75	792.1	19%	36.1	0.27	67.2
CG_AD24_067	405007	8466525	262	9	10	1	892.7	19%	38.4	0.31	61.3
CG_AD24_067	405007	8466525	262	10	11	1	485.0	18%	28.0	0.8	48.8
CG_AD24_067	405007	8466525	262	11	11.6	0.6	732.4	16%	27.9	0.57	45.6
CG_AD24_068C	405379	8466806	246	0	1	1	340.1	24%	29.0	0.11	60.5
CG_AD24_068C	405379	8466806	246	1	2	1	332.9	23%	30.0	0.1	62.5

CG_AD24_068C	405379	8466806	246	2	2.55	0.55	369.1	24%	32.5	0.11	65.5
CG_AD24_068C	405379	8466806	246	2.55	3.55	1	385.2	23%	32.2	0.16	64.1
CG_AD24_068C	405379	8466806	246	3.55	4.55	1	304.2	22%	37.9	0.18	74.2
CG_AD24_068C	405379	8466806	246	4.55	5.7	1.15	437.9	22%	35.5	0.15	65.1
CG_AD24_068C	405379	8466806	246	5.7	6.7	1	385.2	24%	31.3	0.15	58.5
CG_AD24_068C	405379	8466806	246	6.7	7.4	0.7	401.1	28%	29.9	0.18	54.6
CG_AD24_068C	405379	8466806	246	7.4	8	0.6	389.6	24%	29.7	0.12	48.4
CG_AD24_068C	405379	8466806	246	8	9.4	1.4	331.2	23%	30.8	0.11	52.3
CG_AD24_068C	405379	8466806	246	9.4	10.7	1.3	597.8	17%	29.8	0.11	49.9
CG_AD24_069A	404778	8466555	263	0	1	1	351.2	23%	27.7	0.11	52.4
CG_AD24_069A	404778	8466555	263	1	2	1	369.6	22%	31.6	0.11	71.1
CG_AD24_069A	404778	8466555	263	2	3	1	484.4	20%	33.6	0.11	69.6
CG_AD24_069A	404778	8466555	263	3	4	1	657.4	21%	34.2	0.13	65.9
CG_AD24_069A	404778	8466555	263	4	5	1	503.1	24%	34.6	0.1	64.4
CG_AD24_069A	404778	8466555	263	5	6	1	447.4	21%	33.7	0.11	67.3
CG_AD24_069A	404778	8466555	263	6	7	1	375.6	19%	34.2	0.25	63.8
CG_AD24_070	405589	8465684	252	0	1	1	323.6	17%	30.1	0.07	48.9
CG_AD24_070	405589	8465684	252	1	2	1	593.5	17%	30.0	0.08	59.7
CG_AD24_070	405589	8465684	252	2	3.1	1.1	625.5	16%	27.1	0.09	49.3
CG_AD24_070	405589	8465684	252	3.1	4.1	1	539.0	19%	30.3	0.07	53.4
CG_AD24_070	405589	8465684	252	4.1	5.1	1	310.4	19%	29.5	0.1	54.3
CG_AD24_070	405589	8465684	252	5.1	5.7	0.6	503.1	19%	31.7	0.08	56.6
CG_AD24_070	405589	8465684	252	5.7	6.7	1	622.5	19%	31.6	0.07	54.3
CG_AD24_070	405589	8465684	252	6.7	7.7	1	626.8	18%	31.7	0.07	49.1

CG_AD24_070	405589	8465684	252	7.7	9	1.3	292.1	17%	31.5	0.05	48.1
CG_AD24_070	405589	8465684	252	9	10.4	1.4	243.1	8%	25.8	0.15	47.7
CG_AD24_070	405589	8465684	252	10.4	11	0.6	383.8	16%	31.0	0.06	55.1
CG_AD24_070	405589	8465684	252	11	12	1	577.9	19%	32.4	0.06	61.8
CG_AD24_070	405589	8465684	252	12	13	1	354.9	17%	30.2	0.06	60.4
CG_AD24_070	405589	8465684	252	13	14	1	580.1	18%	31.2	0.06	55.1
CG_AD24_070	405589	8465684	252	14	15	1	403.2	17%	30.5	0.06	51.1
CG_AD24_071	405561	8466163	266	0	1	1	113.2	20%	29.0	0.07	67.3
CG_AD24_071	405561	8466163	266	1	2	1	108.9	20%	32.8	0.05	75.5
CG_AD24_071	405561	8466163	266	2	3	1	122.9	20%	33.4	0.05	73.9
CG_AD24_071	405561	8466163	266	3	4	1	117.0	21%	34.8	0.05	72.2
CG_AD24_071	405561	8466163	266	4	5	1	101.8	20%	34.1	0.04	70.7
CG_AD24_071	405561	8466163	266	5	6	1	105.2	18%	34.5	0.04	71.8
CG_AD24_071	405561	8466163	266	6	7	1	163.9	13%	33.9	0.04	78.1
CG_AD24_071	405561	8466163	266	7	8	1	223.7	16%	33.4	0.05	82.0
CG_AD24_071	405561	8466163	266	8	9	1	336.5	17%	32.5	0.06	72.2
CG_AD24_071	405561	8466163	266	9	10	1	373.7	16%	30.7	0.06	68.3
CG_AD24_071	405561	8466163	266	10	11	1	465.4	14%	35.0	0.1	67.5
CG_AD24_071	405561	8466163	266	11	12	1	529.9	14%	37.6	0.12	63.4
CG_AD24_071	405561	8466163	266	12	12.6	0.6	519.0	21%	30.9	0.09	63.2
CG_AD24_071	405561	8466163	266	12.6	14	1.4	475.3	24%	31.0	0.09	64.0
CG_AD24_071	405561	8466163	266	14	15	1	250.6	23%	32.6	0.05	61.8
CG_AD24_071	405561	8466163	266	15	16	1	482.4	23%	32.5	0.08	61.3
CG_AD24_071	405561	8466163	266	16	17.35	1.35	566.1	26%	29.9	0.1	62.2

CG_AD24_071	405561	8466163	266	17.35	18.1	0.75	277.4	21%	28.5	0.04	43.1
CG_AD24_071	405561	8466163	266	18.1	19	0.9	172.3	19%	32.3	0.02	45.2
CG_AD24_071	405561	8466163	266	19	20	1	284.3	21%	32.2	0.06	61.6
CG_AD24_072	405764	8466765	296	0	1	1	102.0	18%	30.0	0.07	72.7
CG_AD24_072	405764	8466765	296	1	2	1	101.4	21%	31.4	0.06	74.7
CG_AD24_072	405764	8466765	296	2	3	1	107.9	21%	33.2	0.05	73.4
CG_AD24_072	405764	8466765	296	3	4	1	95.4	18%	34.3	0.04	73.7
CG_AD24_072	405764	8466765	296	4	5	1	167.2	15%	31.8	0.06	78.0
CG_AD24_072	405764	8466765	296	5	6.35	1.35	141.9	16%	32.2	0.06	74.1
CG_AD24_072	405764	8466765	296	6.35	7.65	1.3	388.7	21%	32.5	0.05	63.4
CG_AD24_072	405764	8466765	296	7.65	8.65	1	130.6	19%	30.9	0.05	65.1
CG_AD24_072	405764	8466765	296	8.65	9.5	0.85	147.1	17%	32.6	0.04	69.1
CG_AD24_072	405764	8466765	296	9.5	11	1.5	234.4	23%	32.8	0.07	61.7
CG_AD24_072	405764	8466765	296	11	12	1	518.3	23%	30.9	0.15	56.6
CG_AD24_072	405764	8466765	296	12	13	1	213.3	18%	31.2	0.08	50.9
CG_AD24_072	405764	8466765	296	13	14	1	159.4	19%	32.2	0.09	50.0
CG_AD24_072	405764	8466765	296	14	15	1	133.8	20%	31.8	0.06	51.6
CG_AD24_073	405769	8466155	287	0	1	1	175.8	21%	32.0	0.08	77.4
CG_AD24_073	405769	8466155	287	1	2	1	169.5	21%	33.0	0.07	72.5
CG_AD24_073	405769	8466155	287	2	2.55	0.55	159.2	23%	34.5	0.06	78.9
CG_AD24_073	405769	8466155	287	2.55	4	1.45	177.3	20%	33.2	0.06	78.5
CG_AD24_073	405769	8466155	287	4	5	1	157.6	14%	26.1	0.06	91.5
CG_AD24_073	405769	8466155	287	5	6	1	329.2	10%	29.5	0.05	87.1
CG_AD24_073	405769	8466155	287	6	7	1	711.7	16%	29.8	0.08	72.9

CG_AD24_073	405769	8466155	287	7	8	1	708.2	17%	29.9	0.07	64.3
CG_AD24_073	405769	8466155	287	8	9	1	829.4	16%	35.0	0.07	57.9
CG_AD24_073	405769	8466155	287	9	10.1	1.1	307.5	14%	29.4	0.1	54.8
CG_AD24_073	405769	8466155	287	10.1	11	0.9	104.5	7%	34.2	0.05	52.0
CG_AD24_073	405769	8466155	287	11	12	1	71.5	19%	35.0	0.08	60.6
CG_AD24_073	405769	8466155	287	12	13	1	48.1	19%	33.6	0.09	62.6
CG_AD24_073	405769	8466155	287	13	13.6	0.6	425.1	20%	29.8	0.07	60.4
CG_AD24_073	405769	8466155	287	13.6	14.1	0.5	661.8	19%	27.5	0.07	54.3
CG_AD24_073	405769	8466155	287	14.1	15.1	1	109.0	9%	27.8	0.09	49.9
CG_AD24_073	405769	8466155	287	15.1	16	0.9	133.2	21%	27.6	0.14	54.4
CG_AD24_073	405769	8466155	287	16	17	1	183.9	14%	27.4	0.26	60.0
CG_AD24_073	405769	8466155	287	17	18	1	343.0	16%	30.4	0.19	48.7
CG_AD24_073	405769	8466155	287	18	19	1	495.3	21%	34.2	0.07	47.0
CG_AD24_073	405769	8466155	287	19	20	1	456.2	21%	27.6	0.09	53.6
CG_AD24_074	405371	8466137	253	0	1	1	185.7	21%	28.6	0.08	61.8
CG_AD24_074	405371	8466137	253	1	2	1	208.3	20%	33.4	0.07	67.7
CG_AD24_074	405371	8466137	253	2	3	1	251.9	22%	34.2	0.07	72.9
CG_AD24_074	405371	8466137	253	3	4	1	210.1	21%	34.2	0.06	69.5
CG_AD24_074	405371	8466137	253	4	5	1	243.4	21%	32.4	0.08	77.8
CG_AD24_074	405371	8466137	253	5	6	1	212.8	22%	33.6	0.12	69.5
CG_AD24_074	405371	8466137	253	6	7	1	309.5	20%	40.6	0.21	76.2
CG_AD24_074	405371	8466137	253	7	8	1	293.2	21%	40.8	0.23	73.4
CG_AD24_074	405371	8466137	253	8	9	1	239.3	20%	39.7	0.2	64.7
CG_AD24_074	405371	8466137	253	9	10	1	249.0	21%	42.1	0.2	69.5

CG_AD24_074	405371	8466137	253	10	11	1	440.6	18%	37.8	0.17	60.2
CG_AD24_074	405371	8466137	253	11	12	1	306.1	21%	35.5	0.14	59.5
CG_AD24_074	405371	8466137	253	12	13	1	396.2	22%	36.3	0.18	61.0
CG_AD24_074	405371	8466137	253	13	14	1	496.6	24%	32.5	0.15	56.9
CG_AD24_074	405371	8466137	253	14	15	1	317.1	22%	33.4	0.17	58.9
CG_AD24_074	405371	8466137	253	15	16	1	288.7	22%	32.9	0.14	55.4
CG_AD24_074	405371	8466137	253	16	17	1	311.2	20%	31.9	0.11	48.3
CG_AD24_074	405371	8466137	253	17	18	1	370.0	19%	32.8	0.13	61.2
CG_AD24_074	405371	8466137	253	18	19	1	462.5	18%	31.3	0.17	54.7
CG_AD24_074	405371	8466137	253	19	20	1	1315.3	22%	32.4	0.32	43.8
CG_AD24_075	405972	8466114	275	0	1.4	1.4	90.2	20%	29.3	0.09	56.3
CG_AD24_075	405972	8466114	275	1.4	2.45	1.05	75.3	18%	29.3	0.1	57.1
CG_AD24_075	405972	8466114	275	2.45	3.5	1.05	52.8	14%	27.3	0.11	48.0
CG_AD24_075	405972	8466114	275	3.5	4.8	1.3	66.7	15%	26.5	0.12	48.0
CG_AD24_075	405972	8466114	275	4.8	5.8	1	41.9	11%	27.7	0.11	50.5
CG_AD24_075	405972	8466114	275	5.8	6.8	1	87.8	9%	26.7	0.1	46.5
CG_AD24_075	405972	8466114	275	6.8	7.8	1	85.4	14%	25.7	0.09	50.8
CG_AD24_075	405972	8466114	275	7.8	9	1.2	106.9	15%	33.6	0.06	56.5
CG_AD24_075	405972	8466114	275	9	10	1	698.5	20%	31.7	0.14	57.5
CG_AD24_075	405972	8466114	275	10	11	1	1090.4	24%	27.7	0.27	50.8
CG_AD24_075	405972	8466114	275	11	12	1	268.6	23%	28.4	0.1	49.7
CG_AD24_075	405972	8466114	275	12	13	1	226.1	8%	26.5	0.07	48.7
CG_AD24_075	405972	8466114	275	13	14	1	233.2	11%	26.9	0.07	47.9
CG_AD24_075	405972	8466114	275	14	15	1	218.4	4%	26.9	0.06	48.9

CG_AD24_075	405972	8466114	275	15	16	1	128.8	9%	26.6	0.03	46.2
CG_AD24_075	405972	8466114	275	16	17	1	166.4	7%	26.7	0.04	47.5
CG_AD24_075	405972	8466114	275	17	17.6	0.6	41.4	14%	24.7	0.04	40.7
CG_AD24_075	405972	8466114	275	17.6	18.6	1	164.1	9%	25.4	0.07	43.4
CG_AD24_075	405972	8466114	275	18.6	20	1.4	311.1	12%	26.4	0.09	45.7
CG_AD24_076	405187	8466124	236	0	1	1	321.4	22%	26.4	0.12	55.0
CG_AD24_076	405187	8466124	236	1	2	1	399.8	21%	31.6	0.09	64.1
CG_AD24_076	405187	8466124	236	2	3	1	433.5	21%	29.6	0.09	56.5
CG_AD24_076	405187	8466124	236	3	4	1	350.5	22%	28.4	0.08	53.6
CG_AD24_076	405187	8466124	236	4	5	1	359.4	22%	30.7	0.08	51.1
CG_AD24_076	405187	8466124	236	5	6	1	401.4	23%	31.5	0.12	52.7
CG_AD24_076	405187	8466124	236	6	6.65	0.65	521.4	23%	31.3	0.12	49.3
CG_AD24_076B	405190	8466100	239	0	1	1	263.1	22%	29.7	0.11	64.0
CG_AD24_076B	405190	8466100	239	1	2	1	273.0	21%	31.7	0.08	70.0
CG_AD24_076B	405190	8466100	239	2	3	1	262.2	17%	38.2	0.09	72.0
CG_AD24_076B	405190	8466100	239	3	4	1	409.7	13%	35.9	0.08	62.8
CG_AD24_076B	405190	8466100	239	4	5	1	320.7	18%	37.6	0.1	64.0
CG_AD24_076B	405190	8466100	239	5	6	1	230.4	17%	31.4	0.09	56.7
CG_AD24_076B	405190	8466100	239	6	7	1	361.0	19%	33.5	0.08	45.4
CG_AD24_076B	405190	8466100	239	7	8	1	967.6	19%	33.6	0.24	50.5
CG_AD24_077	405376	8465940	245	0	1	1	239.1	19%	30.5	0.06	66.9
CG_AD24_077	405376	8465940	245	1	2	1	241.0	19%	31.6	0.06	68.2
CG_AD24_077	405376	8465940	245	2	3	1	227.0	17%	30.8	0.04	58.5
CG_AD24_077	405376	8465940	245	3	4	1	298.5	20%	31.0	0.05	58.2

CG_AD24_077	405376	8465940	245	4	5	1	877.9	21%	38.5	0.19	69.8
CG_AD24_077	405376	8465940	245	5	6	1	560.4	19%	31.2	0.08	50.4
CG_AD24_077	405376	8465940	245	6	7	1	479.5	21%	30.7	0.08	52.8
CG_AD24_077	405376	8465940	245	7	8	1	410.3	18%	31.2	0.06	52.8
CG_AD24_077	405376	8465940	245	8	9	1	514.1	18%	31.9	0.11	50.8
CG_AD24_077	405376	8465940	245	9	10	1	819.4	19%	28.7	0.14	56.5
CG_AD24_077	405376	8465940	245	10	11	1	886.0	16%	30.3	0.14	57.8
CG_AD24_077	405376	8465940	245	11	12	1	449.0	18%	29.1	0.11	52.2
CG_AD24_077	405376	8465940	245	12	13	1	975.5	18%	30.0	0.16	62.2
CG_AD24_077	405376	8465940	245	13	14	1	701.3	15%	28.9	0.12	52.2
CG_AD24_077	405376	8465940	245	14	15	1	1025.1	17%	28.4	0.18	55.8
CG_AD24_077	405376	8465940	245	15	15.55	0.55	650.0	19%	30.7	0.13	50.5
CG_AD24_077	405376	8465940	245	15.55	16.55	1	764.9	17%	36.1	0.19	65.1
CG_AD24_077	405376	8465940	245	16.55	17.5	0.95	1400.9	16%	31.3	0.26	66.7
CG_AD24_077	405376	8465940	245	17.5	18.5	1	432.7	19%	30.0	0.07	42.2
CG_AD24_077	405376	8465940	245	18.5	19.3	0.8	416.6	19%	31.0	0.07	52.2
CG_AD24_078B	405558	8465991	268	0	1	1	123.2	22%	32.3	0.07	69.9
CG_AD24_078B	405558	8465991	268	1	2	1	180.6	21%	33.2	0.06	65.2
CG_AD24_078B	405558	8465991	268	2	3	1	132.0	19%	34.5	0.05	71.2
CG_AD24_078B	405558	8465991	268	3	4	1	116.7	18%	33.1	0.05	69.9
CG_AD24_078B	405558	8465991	268	4	5	1	132.9	18%	30.6	0.06	88.2
CG_AD24_078B	405558	8465991	268	5	6	1	208.4	19%	31.1	0.08	74.7
CG_AD24_078B	405558	8465991	268	6	7	1	159.1	16%	36.0	0.12	63.7
CG_AD24_078B	405558	8465991	268	7	8	1	298.5	17%	34.8	0.09	71.2

CG_AD24_078B	405558	8465991	268	8	9	1	186.3	18%	31.8	0.04	65.9
CG_AD24_078B	405558	8465991	268	9	10	1	245.4	16%	32.3	0.1	72.3
CG_AD24_078B	405558	8465991	268	10	11	1	222.1	15%	30.5	0.07	60.0
CG_AD24_078B	405558	8465991	268	11	11.8	0.8	426.0	4%	32.4	0.04	45.7
CG_AD24_078B	405558	8465991	268	11.8	12.4	0.6	341.3	17%	31.9	0.09	68.7
CG_AD24_078B	405558	8465991	268	12.4	13	0.6	113.8	20%	31.0	0.05	67.7
CG_AD24_078B	405558	8465991	268	13	14	1	144.6	20%	30.4	0.06	56.2
CG_AD24_078B	405558	8465991	268	14	14.75	0.75	421.2	21%	29.2	0.06	54.0
CG_AD24_078B	405558	8465991	268	14.75	15.5	0.75	131.0	17%	30.1	0.07	48.7
CG_AD24_079	402536	8466712	229	0	1	1	381.4	19%	25.2	0.11	66.4
CG_AD24_079	402536	8466712	229	1	2	1	527.0	19%	27.8	0.12	72.3
CG_AD24_079	402536	8466712	229	2	3	1	540.9	17%	28.7	0.11	72.5
CG_AD24_079	402536	8466712	229	3	4	1	622.3	16%	24.8	0.18	62.2
CG_AD24_079	402536	8466712	229	4	5	1	434.4	18%	22.9	0.19	50.5
CG_AD24_079	402536	8466712	229	5	6	1	927.9	6%	23.5	0.22	42.5
CG_AD24_079	402536	8466712	229	6	7	1	922.9	6%	21.8	0.2	45.0
CG_AD24_079	402536	8466712	229	7	8	1	507.2	8%	20.3	0.09	34.5
CG_AD24_079	402536	8466712	229	8	9	1	315.2	9%	20.4	0.07	40.6
CG_AD24_079	402536	8466712	229	9	10	1	594.2	4%	22.1	0.08	40.3
CG_AD24_079	402536	8466712	229	10	11	1	1233.6	3%	20.0	0.08	38.7
CG_AD24_079	402536	8466712	229	11	12	1	712.3	15%	22.4	0.21	41.5
CG_AD24_079	402536	8466712	229	12	13	1	1046.7	18%	21.0	0.49	41.9
CG_AD24_080	402334	8466514	264	0	1	1	370.3	22%	24.8	0.1	66.4
CG_AD24_080	402334	8466514	264	1	2	1	301.1	22%	27.2	0.09	70.7

CG_AD24_080	402334	8466514	264	2	3	1	404.9	22%	28.6	0.1	70.0
CG_AD24_080	402334	8466514	264	3	4	1	334.8	20%	28.3	0.09	71.4
CG_AD24_080	402334	8466514	264	4	5	1	265.8	20%	27.0	0.07	66.4
CG_AD24_080	402334	8466514	264	5	6	1	308.3	20%	26.7	0.08	64.9
CG_AD24_080	402334	8466514	264	6	7	1	291.4	20%	27.3	0.08	69.5
CG_AD24_080	402334	8466514	264	7	8	1	243.7	23%	31.0	0.09	70.0
CG_AD24_080	402334	8466514	264	8	9	1	558.0	27%	26.3	0.18	62.4
CG_AD24_080	402334	8466514	264	9	9.5	0.5	599.3	25%	24.0	0.26	58.3
CG_AD24_080	402334	8466514	264	9.5	10	0.5	964.9	22%	24.0	0.21	53.9
CG_AD24_080	402334	8466514	264	10	11	1	1347.2	21%	24.6	0.2	61.2
CG_AD24_080	402334	8466514	264	11	12	1	349.7	20%	27.9	0.1	63.4
CG_AD24_080	402334	8466514	264	12	13	1	440.5	20%	27.1	0.13	63.7
CG_AD24_080	402334	8466514	264	13	14	1	454.8	22%	25.8	0.13	59.8
CG_AD24_080	402334	8466514	264	14	15	1	536.4	21%	25.5	0.15	63.8
CG_AD24_080	402334	8466514	264	15	16	1	1046.5	9%	22.4	0.14	59.3
CG_AD24_081	402121	8466497	322	0	1	1	436.2	22%	24.2	0.11	68.3
CG_AD24_081	402121	8466497	322	1	2	1	416.4	22%	26.2	0.09	73.8
CG_AD24_081	402121	8466497	322	2	3	1	330.7	21%	27.0	0.08	72.6
CG_AD24_081	402121	8466497	322	3	4	1	558.6	22%	28.1	0.11	73.8
CG_AD24_081	402121	8466497	322	4	5	1	477.3	19%	27.9	0.1	72.7
CG_AD24_081	402121	8466497	322	5	6	1	379.9	19%	28.3	0.09	72.5
CG_AD24_081	402121	8466497	322	6	7	1	385.6	20%	28.2	0.1	73.7
CG_AD24_081	402121	8466497	322	7	8	1	448.3	18%	27.6	0.09	71.5
CG_AD24_081	402121	8466497	322	8	9	1	388.5	19%	27.2	0.09	72.2

CG_AD24_081	402121	8466497	322	9	10	1	373.2	19%	28.7	0.09	76.5
CG_AD24_081	402121	8466497	322	10	11	1	376.5	20%	28.0	0.1	73.5
CG_AD24_081	402121	8466497	322	11	12	1	367.5	19%	29.1	0.11	85.4
CG_AD24_081	402121	8466497	322	12	13	1	411.1	18%	29.4	0.11	85.2
CG_AD24_081	402121	8466497	322	13	14	1	368.9	20%	27.6	0.09	72.6
CG_AD24_081	402121	8466497	322	14	15	1	341.3	20%	27.7	0.09	63.8
CG_AD24_081	402121	8466497	322	15	16	1	385.9	18%	29.7	0.1	73.3
CG_AD24_081	402121	8466497	322	16	17	1	316.1	16%	28.2	0.11	69.4
CG_AD24_081	402121	8466497	322	17	18	1	447.5	21%	24.6	0.13	60.5
CG_AD24_081	402121	8466497	322	18	19	1	370.7	18%	25.0	0.12	56.6
CG_AD24_081	402121	8466497	322	19	20	1	333.4	20%	25.8	0.11	66.5
CG_AD24_082A	405758	8465927	264	0	1	1	176.1	22%	28.8	0.07	53.8
CG_AD24_082A	405758	8465927	264	1	2	1	193.2	22%	32.2	0.06	60.4
CG_AD24_082A	405758	8465927	264	2	3	1	185.3	21%	33.1	0.08	59.5
CG_AD24_082A	405758	8465927	264	3	4	1	208.0	19%	35.5	0.06	67.1
CG_AD24_082A	405758	8465927	264	4	5	1	102.0	19%	34.7	0.1	60.4
CG_AD24_082A	405758	8465927	264	5	6	1	104.3	20%	32.4	0.05	60.0
CG_AD24_082A	405758	8465927	264	6	7	1	85.3	18%	31.1	0.03	53.0
CG_AD24_082A	405758	8465927	264	7	8	1	132.6	16%	27.7	0.14	59.1
CG_AD24_082A	405758	8465927	264	8	9	1	256.7	7%	27.7	0.15	55.4
CG_AD24_082A	405758	8465927	264	9	10	1	247.7	4%	29.3	0.18	54.4
CG_AD24_082A	405758	8465927	264	10	11	1	484.8	2%	31.4	0.15	49.1
CG_AD24_082A	405758	8465927	264	11	12	1	479.4	11%	31.1	0.15	57.8
CG_AD24_082A	405758	8465927	264	12	13	1	382.5	23%	28.5	0.04	49.5

CG_AD24_083A	402134	8466083	341	0	1	1	128.5	19%	27.8	0.07	67.7
CG_AD24_083A	402134	8466083	341	1	2	1	125.4	19%	28.5	0.06	68.6
CG_AD24_083A	402134	8466083	341	2	3	1	111.5	20%	28.8	0.07	69.6
CG_AD24_083A	402134	8466083	341	3	4	1	185.6	19%	28.5	0.08	67.3
CG_AD24_083A	402134	8466083	341	4	5	1	172.7	17%	28.3	0.06	72.7
CG_AD24_083A	402134	8466083	341	5	6	1	241.9	17%	27.7	0.06	72.0
CG_AD24_083A	402134	8466083	341	6	7	1	200.1	17%	26.9	0.05	72.3
CG_AD24_083A	402134	8466083	341	7	8	1	214.7	17%	27.9	0.04	63.3
CG_AD24_083A	402134	8466083	341	8	9	1	214.0	18%	29.2	0.04	77.8
CG_AD24_083A	402134	8466083	341	9	10	1	163.4	17%	29.0	0.03	84.8
CG_AD24_084A	402712	8466309	213	0	1	1	381.1	19%	22.7	0.1	56.2
CG_AD24_084A	402712	8466309	213	1	2	1	409.1	18%	25.3	0.1	58.5
CG_AD24_084A	402712	8466309	213	2	3	1	543.7	18%	27.9	0.12	59.4
CG_AD24_084A	402712	8466309	213	3	4	1	1184.8	22%	26.9	0.31	59.7
CG_AD24_084A	402712	8466309	213	4	5	1	401.8	10%	24.9	0.15	51.3
CG_AD24_084A	402712	8466309	213	5	5.75	0.75	752.7	9%	21.2	0.15	46.0
CG_AD24_084A	402712	8466309	213	5.75	6.2	0.45	1250.6	11%	21.5	0.19	47.0
CG_AD24_085A	402341	8466309	260	0	1	1	455.8	22%	24.6	0.12	58.2
CG_AD24_085A	402341	8466309	260	1	2	1	513.3	21%	23.9	0.1	64.7
CG_AD24_085A	402341	8466309	260	2	3	1	567.9	21%	26.9	0.09	73.9
CG_AD24_085A	402341	8466309	260	3	4	1	487.2	22%	27.9	0.09	71.8
CG_AD24_085A	402341	8466309	260	4	5	1	466.7	20%	27.1	0.08	69.2
CG_AD24_085A	402341	8466309	260	5	6	1	393.7	19%	27.6	0.07	70.4
CG_AD24_085A	402341	8466309	260	6	7	1	483.3	17%	28.2	0.09	73.7

CG_AD24_085A	402341	8466309	260	7	8	1	635.7	13%	29.4	0.1	72.5
CG_AD24_085A	402341	8466309	260	8	9	1	351.6	10%	27.4	0.18	62.2
CG_AD24_085A	402341	8466309	260	9	10	1	1089.6	9%	26.3	0.09	64.0
CG_AD24_085A	402341	8466309	260	10	11	1	241.3	19%	27.9	0.09	68.0
CG_AD24_085A	402341	8466309	260	11	11.5	0.5	5154.6	1%	29.0	0.12	68.8
CG_AD24_085B	402361	8466293	259	0	1	1	329.2	22%	23.0	0.09	68.6
CG_AD24_085B	402361	8466293	259	1	2	1	390.9	22%	27.1	0.09	76.1
CG_AD24_085B	402361	8466293	259	2	3	1	307.9	23%	27.0	0.08	73.7
CG_AD24_085B	402361	8466293	259	3	4	1	211.7	20%	27.4	0.12	66.4
CG_AD24_085B	402361	8466293	259	4	5	1	342.2	24%	28.9	0.09	74.6
CG_AD24_085B	402361	8466293	259	5	6	1	432.2	30%	32.6	0.14	77.3
CG_AD24_085B	402361	8466293	259	6	8	2	333.9	29%	31.2	0.16	91.5
CG_AD24_085B	402361	8466293	259	8	9	1	336.6	28%	28.3	0.11	69.0
CG_AD24_085B	402361	8466293	259	9	10	1	267.7	29%	28.7	0.08	54.7
CG_AD24_085B	402361	8466293	259	10	11	1	200.1	26%	28.3	0.09	63.8
CG_AD24_085B	402361	8466293	259	11	12	1	228.9	24%	29.7	0.1	71.1
CG_AD24_085B	402361	8466293	259	12	13	1	259.7	26%	32.5	0.18	88.0
CG_AD24_085B	402361	8466293	259	13	14	1	243.8	25%	29.1	0.14	67.5
CG_AD24_085B	402361	8466293	259	14	15	1	383.3	21%	26.0	0.12	49.7
CG_AD24_085B	402361	8466293	259	15	16	1	379.6	30%	24.9	0.11	52.4
CG_AD24_085B	402361	8466293	259	16	17	1	566.0	27%	24.2	0.11	52.6
CG_AD24_085B	402361	8466293	259	17	17.5	0.5	747.8	29%	23.3	0.1	50.0
CG_AD24_086A	402692	8466141	200	0	1	1	622.1	18%	18.8	0.11	37.2
CG_AD24_086A	402692	8466141	200	1	2	1	661.3	18%	19.7	0.1	38.0

CG_AD24_086A	402692	8466141	200	2	3	1	729.6	15%	20.5	0.11	41.1
CG_AD24_086A	402692	8466141	200	3	4	1	1457.2	28%	19.6	0.21	37.8
CG_AD24_086A	402692	8466141	200	4	4.5	0.5	2339.3	33%	20.8	0.2	39.0
CG_AD24_087	402321	8466105	290	0	1	1	169.6	22%	23.9	0.07	69.5
CG_AD24_087	402321	8466105	290	1	2	1	159.8	22%	27.2	0.06	74.6
CG_AD24_087	402321	8466105	290	2	3	1	159.0	21%	27.4	0.06	75.5
CG_AD24_087	402321	8466105	290	3	4	1	192.5	20%	27.8	0.06	69.4
CG_AD24_087	402321	8466105	290	4	5	1	195.2	19%	28.3	0.05	69.6
CG_AD24_087	402321	8466105	290	5	6	1	530.4	22%	27.9	0.09	74.7
CG_AD24_087	402321	8466105	290	6	7	1	538.0	22%	28.5	0.1	77.2
CG_AD24_087	402321	8466105	290	7	8	1	291.4	19%	27.1	0.07	67.9
CG_AD24_087	402321	8466105	290	8	9	1	521.2	19%	27.5	0.08	72.5
CG_AD24_087	402321	8466105	290	9	10	1	477.9	14%	28.2	0.06	79.8
CG_AD24_087	402321	8466105	290	10	11	1	434.1	12%	29.1	0.07	67.6
CG_AD24_087	402321	8466105	290	11	12	1	848.0	10%	26.6	0.08	57.4
CG_AD24_087	402321	8466105	290	12	13	1	1637.5	12%	25.7	0.13	56.7
CG_AD24_087	402321	8466105	290	13	14	1	1042.8	14%	26.5	0.12	59.1
CG_AD24_087	402321	8466105	290	14	15	1	828.0	16%	25.4	0.11	53.9
CG_AD24_087	402321	8466105	290	15	16	1	820.6	8%	21.9	0.07	56.9
CG_AD24_087	402321	8466105	290	16	17	1	1310.7	6%	22.9	0.19	49.2
CG_AD24_087	402321	8466105	290	17	18	1	580.5	6%	19.0	0.04	44.4
CG_AD24_087	402321	8466105	290	18	19	1	697.7	12%	18.6	0.03	46.1
CG_AD24_087	402321	8466105	290	19	20	1	1162.8	21%	18.2	0.05	45.2
CG_RC24_001	401645	8468311	363	0	1	1	1163.3	22%			48.8

CG_RC24_001	401645	8468311	363	1	2	1	1417.9	22%	59.5
CG_RC24_001	401645	8468311	363	2	3	1	1111.3	22%	57.0
CG_RC24_001	401645	8468311	363	3	4	1	939.1	21%	55.2
CG_RC24_001	401645	8468311	363	4	5	1	1543.7	22%	57.1
CG_RC24_001	401645	8468311	363	5	6	1	2121.8	24%	52.4
CG_RC24_001	401645	8468311	363	6	7	1	2224.6	26%	50.5
CG_RC24_001	401645	8468311	363	7	8	1	1387.4	25%	46.1
CG_RC24_001	401645	8468311	363	8	9	1	1241.9	22%	52.0
CG_RC24_001	401645	8468311	363	9	10	1	896.4	22%	47.3
CG_RC24_001	401645	8468311	363	10	11	1	1260.9	22%	46.5
CG_RC24_001	401645	8468311	363	11	12	1	1141.5	22%	49.5
CG_RC24_001	401645	8468311	363	12	13	1	1698.7	22%	44.2
CG_RC24_001	401645	8468311	363	13	14	1	1672.2	22%	44.9
CG_RC24_001	401645	8468311	363	14	15	1	1971.8	22%	43.6
CG_RC24_001	401645	8468311	363	15	16	1	2015.2	22%	50.1
CG_RC24_001	401645	8468311	363	16	17	1	2326.0	22%	49.3
CG_RC24_001	401645	8468311	363	17	18	1	2052.7	22%	43.4
CG_RC24_001	401645	8468311	363	18	19	1	2224.1	21%	46.4
CG_RC24_001	401645	8468311	363	19	20	1	2087.0	21%	51.8
CG_RC24_001	401645	8468311	363	20	21	1	2820.2	21%	45.8
CG_RC24_001	401645	8468311	363	21	22	1	2505.4	16%	47.6
CG_RC24_001	401645	8468311	363	22	23	1	2421.0	16%	47.3
CG_RC24_001	401645	8468311	363	23	24	1	1955.6	20%	51.2
CG_RC24_001	401645	8468311	363	24	25	1	2453.0	20%	51.2

CG_RC24_001	401645	8468311	363	25	26	1	2059.3	20%	51.2
CG_RC24_001	401645	8468311	363	26	27	1	2219.2	22%	48.8
CG_RC24_001	401645	8468311	363	27	28	1	2816.1	22%	43.7
CG_RC24_001	401645	8468311	363	28	29	1	2209.7	28%	44.4
CG_RC24_001	401645	8468311	363	29	30	1	2381.3	28%	38.3
CG_RC24_001	401645	8468311	363	30	31	1	2467.7	28%	40.6
CG_RC24_001	401645	8468311	363	31	32	1	2171.9	24%	42.9
CG_RC24_001	401645	8468311	363	32	33	1	1987.3	22%	39.1
CG_RC24_001	401645	8468311	363	33	34	1	1991.2	21%	40.5
CG_RC24_001	401645	8468311	363	34	35	1	1526.4	21%	42.5
CG_RC24_001	401645	8468311	363	35	36	1	1573.1	21%	37.5
CG_RC24_001	401645	8468311	363	36	37	1	1668.7	22%	40.3
CG_RC24_001	401645	8468311	363	37	38	1	1343.7	22%	37.9
CG_RC24_001	401645	8468311	363	38	39	1	1221.8	22%	36.2
CG_RC24_001	401645	8468311	363	39	40	1	1382.4	22%	39.1
CG_RC24_001	401645	8468311	363	40	41	1	1371.5	22%	35.8
CG_RC24_001	401645	8468311	363	41	42	1	1072.6	22%	34.1
CG_RC24_001	401645	8468311	363	42	43	1	1278.2	22%	37.4
CG_RC24_001	401645	8468311	363	43	44	1	1555.9	21%	38.2
CG_RC24_001	401645	8468311	363	44	45	1	1431.9	21%	34.8
CG_RC24_001	401645	8468311	363	45	46	1	1412.7	21%	34.4
CG_RC24_001	401645	8468311	363	46	47	1	1100.2	21%	28.5
CG_RC24_001	401645	8468311	363	47	48	1	770.1	19%	19.6
CG_RC24_001	401645	8468311	363	48	49	1	1318.2	21%	27.2

CG_RC24_001	401645	8468311	363	49	50	1	1548.9	21%	29.2
CG_RC24_001	401645	8468311	363	50	51	1	1322.5	22%	32.9
CG_RC24_001	401645	8468311	363	51	52	1	2638.5	21%	38.7
CG_RC24_001	401645	8468311	363	52	53	1	189.8	20%	22.7
CG_RC24_001	401645	8468311	363	53	54	1	192.2	20%	22.3
CG_RC24_001	401645	8468311	363	54	55	1	1354.6	22%	31.5
CG_RC24_001	401645	8468311	363	55	56	1	1279.9	22%	37.2
CG_RC24_001	401645	8468311	363	56	57	1	1440.1	22%	38.8
CG_RC24_001	401645	8468311	363	57	58	1	1507.4	22%	37.5
CG_RC24_001	401645	8468311	363	58	59	1	522.2	21%	26.9
CG_RC24_001	401645	8468311	363	59	60	1	421.9	21%	28.2
CG_RC24_001	401645	8468311	363	60	61	1	766.3	21%	28.2
CG_RC24_001	401645	8468311	363	61	62	1	1099.6	22%	31.3
CG_RC24_001	401645	8468311	363	62	63	1	1109.8	22%	30.5
CG_RC24_001	401645	8468311	363	63	64	1	1233.7	22%	28.0
CG_RC24_001	401645	8468311	363	64	65	1	1139.1	22%	32.5
CG_RC24_001	401645	8468311	363	65	66	1	1186.6	22%	28.8
CG_RC24_001	401645	8468311	363	66	67	1	884.2	22%	30.6
CG_RC24_001	401645	8468311	363	67	68	1	927.3	21%	30.0
CG_RC24_001	401645	8468311	363	68	69	1	1381.5	22%	28.1
CG_RC24_001	401645	8468311	363	69	70	1	1086.2	22%	32.7
CG_RC24_001	401645	8468311	363	70	71	1	1015.2	22%	31.5
CG_RC24_001	401645	8468311	363	71	72	1	778.4	21%	27.8
CG_RC24_001	401645	8468311	363	72	73	1	123.9	17%	27.7

CG_RC24_001	401645	8468311	363	73	74	1	270.2	20%	27.7
CG_RC24_001	401645	8468311	363	74	75	1	1096.5	22%	33.6
CG_RC24_001	401645	8468311	363	75	76	1	950.2	22%	29.0
CG_RC24_001	401645	8468311	363	76	77	1	1065.5	22%	29.6
CG_RC24_001	401645	8468311	363	77	78	1	1192.3	22%	31.2
CG_RC24_001	401645	8468311	363	78	79	1	1387.4	21%	31.7
CG_RC24_001	401645	8468311	363	79	80	1	1254.5	21%	28.8
CG_RC24_001	401645	8468311	363	80	81	1	1159.4	21%	34.4
CG_RC24_001	401645	8468311	363	81	82	1	1325.2	21%	31.6
CG_RC24_001	401645	8468311	363	82	83	1	1760.2	21%	32.5
CG_RC24_001	401645	8468311	363	83	84	1	1503.0	21%	28.9
CG_RC24_001	401645	8468311	363	84	85	1	1403.6	21%	30.4
CG_RC24_001	401645	8468311	363	85	86	1	1303.0	21%	32.9
CG_RC24_001	401645	8468311	363	86	87	1	1068.7	21%	26.6
CG_RC24_001	401645	8468311	363	87	88	1	962.5	21%	26.3
CG_RC24_001	401645	8468311	363	88	89	1	1141.1	21%	26.2
CG_RC24_001	401645	8468311	363	89	90	1	470.5	21%	18.7
CG_RC24_001	401645	8468311	363	90	91	1	1279.8	21%	29.2
CG_RC24_001	401645	8468311	363	91	92	1	1238.8	21%	29.4
CG_RC24_001	401645	8468311	363	92	93	1	1257.1	21%	28.0
CG_RC24_001	401645	8468311	363	93	94	1	1157.7	21%	27.6
CG_RC24_001	401645	8468311	363	94	95	1	1086.7	21%	28.2
CG_RC24_001	401645	8468311	363	95	96	1	1280.9	21%	26.7
CG_RC24_001	401645	8468311	363	96	97	1	1264.2	21%	23.4

CG_RC24_001	401645	8468311	363	97	98	1	1413.8	21%			25.3
CG_RC24_001	401645	8468311	363	98	99	1	1305.4	21%			23.7
CG_RC24_001	401645	8468311	363	99	100	1	1306.6	21%			26.9
CG_RC24_001	401645	8468311	363	100	101	1	1174.0	21%			24.5
CG_RC24_001	401645	8468311	363	101	102	1	1511.7	21%			29.4
CG_RC24_001	401645	8468311	363	102	103	1	1115.9	22%			29.0
CG_RC24_001	401645	8468311	363	103	104	1	1038.2	21%			27.0
CG_RC24_001	401645	8468311	363	104	105	1	1164.5	21%			27.7
CG_RC24_001	401645	8468311	363	105	106	1	1319.7	21%			30.1
CG_RC24_001	401645	8468311	363	106	107	1	1186.3	21%			31.5
CG_RC24_001	401645	8468311	363	107	108	1	631.5	20%			30.0
CG_RC24_001	401645	8468311	363	108	109	1	275.4	19%			19.4
CG_RC24_001	401645	8468311	363	109	110	1	1107.3	20%			23.5
CG_RC24_001	401645	8468311	363	110	111	1	953.8	22%			30.4
CG_RC24_001	401645	8468311	363	111	112	1	745.4	22%			34.9
CG_RC24_001	401645	8468311	363	112	113	1	1515.7	22%			34.8
CG_RC24_001	401645	8468311	363	113	114	1	2177.9	22%			37.8
CG_RC24_001	401645	8468311	363	114	115	1	1466.5	22%			38.8
CG_RC24_001	401645	8468311	363	115	116	1	1119.7	22%			34.8
CG_RC24_001	401645	8468311	363	116	117	1	2247.5	21%			39.9
CG_RC24_001	401645	8468311	363	117	118	1	1548.1	22%			41.7
CG_RC24_001	401645	8468311	363	118	119	1	1311.6	24%			37.4
CG_RC24_001	401645	8468311	363	119	120	1	1262.8	24%			40.9
CG_RC24_001	401645	8468311	363	0	3	3	1059.3	21%	23.3	0.16	50.5

CG_RC24_001	401645	8468311	363	3	6	3	1310.3	23%	21.9	0.22	51.6
CG_RC24_001	401645	8468311	363	6	9	3	1430.7	25%	21.0	0.2	48.0
CG_RC24_001	401645	8468311	363	9	12	3	983.6	22%	20.9	0.17	46.5
CG_RC24_001	401645	8468311	363	12	15	3	1315.3	22%	20.0	0.14	40.6
CG_RC24_001	401645	8468311	363	15	18	3	1539.7	21%	20.5	0.14	43.4
CG_RC24_001	401645	8468311	363	18	21	3	2028.6	21%	20.5	0.19	40.5
CG_RC24_001	401645	8468311	363	21	24	3	1702.4	16%	19.8	0.14	45.4
CG_RC24_001	401645	8468311	363	24	27	3	1849.2	20%	19.0	0.14	45.3
CG_RC24_001	401645	8468311	363	27	30	3	2201.5	26%	16.1	0.14	35.2
CG_RC24_001	401645	8468311	363	30	33	3	2187.4	25%	15.6	0.15	33.3
CG_RC24_001	401645	8468311	363	33	37	4	1443.1	21%	15.1	0.19	31.7
CG_RC24_001	401645	8468311	363	37	40	3	1126.8	22%	14.1	0.2	30.4
CG_RC24_001	401645	8468311	363	40	43	3	1171.4	22%	14.0	0.22	31.1
CG_RC24_001	401645	8468311	363	43	46	3	1249.0	21%	13.4	0.16	28.5
CG_RC24_001	401645	8468311	363	46	49	3	1017.7	20%	12.5	0.12	23.1
CG_RC24_001	401645	8468311	363	49	51	2	1224.9	21%	12.5	0.11	28.4
CG_RC24_001	401645	8468311	363	51	54	3	802.2	21%	13.5	0.09	25.4
CG_RC24_001	401645	8468311	363	54	57	3	1301.6	21%	13.9	0.2	32.8
CG_RC24_001	401645	8468311	363	57	60	3	768.6	21%	14.5	0.15	28.1
CG_RC24_001	401645	8468311	363	60	63	3	1020.6	21%	13.9	0.2	28.9
CG_RC24_001	401645	8468311	363	63	66	3	1085.8	21%	13.9	0.26	28.9
CG_RC24_001	401645	8468311	363	66	69	3	1025.0	22%	12.9	0.3	29.3
CG_RC24_001	401645	8468311	363	69	71	2	1008.3	22%	13.3	0.2	32.0
CG_RC24_001	401645	8468311	363	71	74	3	350.8	21%	15.1	0.1	25.5

CG_RC24_001	401645	8468311	363	74	77	3	939.1	22%	13.6	0.2	32.7
CG_RC24_001	401645	8468311	363	77	80	3	1093.3	22%	13.1	0.13	30.0
CG_RC24_001	401645	8468311	363	80	83	3	968.5	22%	13.3	0.15	30.1
CG_RC24_001	401645	8468311	363	83	86	3	1122.0	22%	13.1	0.16	31.3
CG_RC24_001	401645	8468311	363	86	89	3	1033.0	22%	12.9	0.18	28.9
CG_RC24_001	401645	8468311	363	89	91	2	860.1	22%	12.0	0.14	26.3
CG_RC24_001	401645	8468311	363	91	94	3	1194.1	22%	13.0	0.14	29.6
CG_RC24_001	401645	8468311	363	94	97	3	1119.6	22%	12.6	0.13	27.8
CG_RC24_001	401645	8468311	363	97	100	3	1092.4	22%	12.5	0.16	26.6
CG_RC24_001	401645	8468311	363	100	103	3	1250.7	23%	12.5	0.16	29.4
CG_RC24_001	401645	8468311	363	103	106	3	1150.9	22%	12.8	0.15	26.9
CG_RC24_001	401645	8468311	363	106	109	3	704.2	22%	12.3	0.11	26.9
CG_RC24_001	401645	8468311	363	109	112	3	964.8	21%	12.1	0.1	25.8
CG_RC24_001	401645	8468311	363	112	115	3	1354.5	22%	13.9	0.1	34.1
CG_RC24_001	401645	8468311	363	115	118	3	1042.0	22%	12.0	0.1	30.6
CG_RC24_001	401645	8468311	363	118	120	2	1062.0	24%	12.8	0.11	27.4
CG_RC24_002	402609	8467040	253	0	1	1	960.5	24%			62.5
CG_RC24_002	402609	8467040	253	1	2	1	970.4	21%			73.4
CG_RC24_002	402609	8467040	253	2	3	1	1177.8	21%			64.9
CG_RC24_002	402609	8467040	253	3	4	1	788.7	20%			68.6
CG_RC24_002	402609	8467040	253	4	5	1	859.1	22%			49.5
CG_RC24_002	402609	8467040	253	5	6	1	897.2	21%			45.0
CG_RC24_002	402609	8467040	253	6	7	1	1081.3	25%			42.9
CG_RC24_002	402609	8467040	253	7	8	1	901.7	19%			44.5

CG_RC24_002	402609	8467040	253	8	9	1	697.6	23%	41.3
CG_RC24_002	402609	8467040	253	9	10	1	735.8	23%	40.3
CG_RC24_002	402609	8467040	253	10	11	1	879.9	24%	39.4
CG_RC24_002	402609	8467040	253	11	12	1	870.4	23%	37.4
CG_RC24_002	402609	8467040	253	12	13	1	798.2	24%	32.5
CG_RC24_002	402609	8467040	253	13	14	1	591.8	23%	30.0
CG_RC24_002	402609	8467040	253	14	15	1	637.1	24%	31.2
CG_RC24_002	402609	8467040	253	15	16	1	523.5	23%	30.5
CG_RC24_002	402609	8467040	253	16	17	1	530.8	23%	30.4
CG_RC24_002	402609	8467040	253	17	18	1	518.2	24%	28.0
CG_RC24_002	402609	8467040	253	18	19	1	776.1	24%	30.6
CG_RC24_002	402609	8467040	253	19	20	1	561.2	24%	28.0
CG_RC24_002	402609	8467040	253	20	21	1	514.5	23%	28.9
CG_RC24_002	402609	8467040	253	21	22	1	562.0	22%	30.0
CG_RC24_002	402609	8467040	253	22	23	1	555.1	23%	28.1
CG_RC24_002	402609	8467040	253	23	24	1	596.3	23%	30.2
CG_RC24_002	402609	8467040	253	24	25	1	541.0	24%	24.7
CG_RC24_002	402609	8467040	253	25	26	1	507.8	24%	25.1
CG_RC24_002	402609	8467040	253	26	27	1	463.0	24%	23.9
CG_RC24_002	402609	8467040	253	27	28	1	496.3	24%	25.0
CG_RC24_002	402609	8467040	253	28	29	1	495.8	24%	24.9
CG_RC24_002	402609	8467040	253	29	30	1	508.8	24%	25.4
CG_RC24_002	402609	8467040	253	30	31	1	524.6	24%	25.7
CG_RC24_002	402609	8467040	253	31	32	1	507.2	24%	25.4

CG_RC24_002	402609	8467040	253	32	33	1	304.5	23%	27.3
CG_RC24_002	402609	8467040	253	33	34	1	245.2	22%	25.8
CG_RC24_002	402609	8467040	253	34	35	1	199.2	22%	26.6
CG_RC24_002	402609	8467040	253	35	36	1	155.6	23%	26.5
CG_RC24_002	402609	8467040	253	36	37	1	163.1	22%	25.5
CG_RC24_002	402609	8467040	253	37	38	1	133.8	21%	27.3
CG_RC24_002	402609	8467040	253	38	39	1	167.1	22%	26.1
CG_RC24_002	402609	8467040	253	39	40	1	143.4	22%	24.9
CG_RC24_002	402609	8467040	253	40	41	1	293.2	24%	27.0
CG_RC24_002	402609	8467040	253	41	42	1	250.6	25%	25.5
CG_RC24_002	402609	8467040	253	42	43	1	174.6	23%	25.1
CG_RC24_002	402609	8467040	253	43	44	1	253.8	21%	26.2
CG_RC24_002	402609	8467040	253	44	45	1	244.3	20%	23.0
CG_RC24_002	402609	8467040	253	45	46	1	484.8	20%	22.3
CG_RC24_002	402609	8467040	253	46	47	1	404.0	20%	22.6
CG_RC24_002	402609	8467040	253	47	48	1	462.3	21%	24.2
CG_RC24_002	402609	8467040	253	48	49	1	587.5	20%	23.7
CG_RC24_002	402609	8467040	253	49	50	1	403.3	22%	22.7
CG_RC24_002	402609	8467040	253	50	51	1	415.3	20%	21.5
CG_RC24_002	402609	8467040	253	51	52	1	431.5	20%	22.4
CG_RC24_002	402609	8467040	253	52	53	1	238.0	20%	26.2
CG_RC24_002	402609	8467040	253	53	54	1	396.8	22%	24.2
CG_RC24_002	402609	8467040	253	54	55	1	349.8	17%	25.0
CG_RC24_002	402609	8467040	253	55	56	1	232.5	20%	24.6

CG_RC24_002	402609	8467040	253	56	57	1	205.8	19%			25.3
CG_RC24_002	402609	8467040	253	57	58	1	189.0	19%			26.2
CG_RC24_002	402609	8467040	253	58	59	1	292.9	20%			26.6
CG_RC24_002	402609	8467040	253	0	3	3	927.1	20%	23.6	0.31	48.3
CG_RC24_002	402609	8467040	253	3	6	3	593.8	21%	16.7	0.3	32.4
CG_RC24_002	402609	8467040	253	6	11	5	637.1	23%	15.0	0.36	29.4
CG_RC24_002	402609	8467040	253	11	14	3	546.7	23%	13.3	0.31	26.9
CG_RC24_002	402609	8467040	253	14	17	3	487.3	23%	13.0	0.34	26.7
CG_RC24_002	402609	8467040	253	17	20	3	552.6	23%	12.7	0.84	25.8
CG_RC24_002	402609	8467040	253	20	23	3	509.1	22%	12.6	0.3	26.9
CG_RC24_002	402609	8467040	253	23	26	3	504.8	23%	12.7	0.34	26.1
CG_RC24_002	402609	8467040	253	26	29	3	428.2	23%	13.0	0.32	26.6
CG_RC24_002	402609	8467040	253	29	32	3	461.4	23%	12.8	0.32	25.7
CG_RC24_002	402609	8467040	253	32	35	3	244.2	22%	15.2	0.25	26.2
CG_RC24_002	402609	8467040	253	35	38	3	153.7	21%	16.3	0.2	27.8
CG_RC24_002	402609	8467040	253	38	41	3	196.7	22%	14.6	0.2	25.7
CG_RC24_002	402609	8467040	253	41	44	3	219.8	22%	14.3	0.24	26.2
CG_RC24_002	402609	8467040	253	44	47	3	362.6	21%	12.3	0.08	24.2
CG_RC24_002	402609	8467040	253	47	50	3	430.2	21%	12.8	0.08	25.8
CG_RC24_002	402609	8467040	253	50	53	3	332.1	20%	13.2	0.07	24.7
CG_RC24_002	402609	8467040	253	53	56	3	296.0	20%	15.4	0.1	25.4
CG_RC24_002	402609	8467040	253	56	59	3	215.1	20%	14.3	0.04	26.1
CG_RC24_003	405317	8465644	309	0	1	1	97.0	20%			68.0
CG_RC24_003	405317	8465644	309	1	2	1	100.0	20%			71.6

CG_RC24_003	405317	8465644	309	2	3	1	109.0	18%	68.6
CG_RC24_003	405317	8465644	309	3	4	1	81.6	17%	65.5
CG_RC24_003	405317	8465644	309	4	5	1	120.1	10%	61.2
CG_RC24_003	405317	8465644	309	5	6	1	186.0	19%	47.7
CG_RC24_003	405317	8465644	309	6	7	1	228.1	20%	54.6
CG_RC24_003	405317	8465644	309	7	8	1	232.3	15%	60.4
CG_RC24_003	405317	8465644	309	8	9	1	257.3	14%	58.7
CG_RC24_003	405317	8465644	309	9	10	1	531.4	19%	49.9
CG_RC24_003	405317	8465644	309	10	11	1	639.5	21%	61.0
CG_RC24_003	405317	8465644	309	11	12	1	360.8	20%	52.4
CG_RC24_003	405317	8465644	309	12	13	1	357.4	21%	69.2
CG_RC24_003	405317	8465644	309	13	14	1	234.3	22%	55.9
CG_RC24_003	405317	8465644	309	14	15	1	236.3	21%	59.1
CG_RC24_003	405317	8465644	309	15	16	1	504.3	15%	46.9
CG_RC24_003	405317	8465644	309	16	17	1	156.7	16%	33.1
CG_RC24_003	405317	8465644	309	17	18	1	269.2	19%	28.9
CG_RC24_003	405317	8465644	309	18	19	1	210.4	20%	33.2
CG_RC24_003	405317	8465644	309	19	20	1	229.1	21%	30.5
CG_RC24_003	405317	8465644	309	20	21	1	156.9	21%	28.0
CG_RC24_003	405317	8465644	309	21	22	1	184.8	20%	28.9
CG_RC24_003	405317	8465644	309	22	23	1	188.5	21%	28.6
CG_RC24_003	405317	8465644	309	23	24	1	210.1	22%	28.0
CG_RC24_003	405317	8465644	309	24	25	1	156.4	21%	28.2
CG_RC24_003	405317	8465644	309	25	26	1	198.1	20%	37.8

CG_RC24_003	405317	8465644	309	26	27	1	191.0	21%			30.0
CG_RC24_003	405317	8465644	309	27	28	1	148.4	21%			27.8
CG_RC24_003	405317	8465644	309	28	29	1	126.5	19%			28.2
CG_RC24_003	405317	8465644	309	29	30	1	152.1	21%			28.8
CG_RC24_003	405317	8465644	309	30	31	1	172.6	20%			24.3
CG_RC24_003	405317	8465644	309	31	32	1	151.4	18%			27.0
CG_RC24_003	405317	8465644	309	32	33	1	147.6	19%			24.2
CG_RC24_003	405317	8465644	309	33	34	1	195.9	20%			27.0
CG_RC24_003	405317	8465644	309	34	35	1	163.8	20%			29.4
CG_RC24_003	405317	8465644	309	35	36	1	176.1	20%			28.2
CG_RC24_003	405317	8465644	309	36	37	1	173.4	18%			27.8
CG_RC24_003	405317	8465644	309	37	38	1	221.5	20%			27.2
CG_RC24_003	405317	8465644	309	38	39	1	261.1	19%			28.0
CG_RC24_003	405317	8465644	309	39	40	1	116.9	18%			23.9
CG_RC24_003	405317	8465644	309	40	41	1	147.2	19%			24.6
CG_RC24_003	405317	8465644	309	41	42	1	144.7	20%			25.5
CG_RC24_003	405317	8465644	309	42	43	1	112.2	19%			25.3
CG_RC24_003	405317	8465644	309	43	44	1	137.5	19%			25.3
CG_RC24_003	405317	8465644	309	44	45	1	146.4	19%			25.8
CG_RC24_003	405317	8465644	309	45	46	1	197.0	20%			27.7
CG_RC24_003	405317	8465644	309	46	47	1	163.7	20%			23.4
CG_RC24_003	405317	8465644	309	47	48	1	145.9	20%			22.3
CG_RC24_003	405317	8465644	309	48	49	1	140.0	19%			24.9
CG_RC24_003	405317	8465644	309	0	3	3	81.5	19%	31.3	0.05	64.7

CG_RC24_003	405317	8465644	309	3	6	3	113.5	16%	30.1	0.03	48.3
CG_RC24_003	405317	8465644	309	6	9	3	188.2	16%	28.8	0.04	47.6
CG_RC24_003	405317	8465644	309	9	12	3	392.1	19%	28.9	0.07	40.6
CG_RC24_003	405317	8465644	309	12	16	4	235.2	19%	24.4	0.05	38.0
CG_RC24_003	405317	8465644	309	16	19	3	199.9	20%	15.2	0.07	26.3
CG_RC24_003	405317	8465644	309	19	22	3	167.4	21%	14.4	0.12	27.8
CG_RC24_003	405317	8465644	309	22	25	3	173.7	21%	13.8	0.13	26.3
CG_RC24_003	405317	8465644	309	25	28	3	151.3	20%	16.0	0.13	29.8
CG_RC24_003	405317	8465644	309	28	31	3	143.0	21%	15.1	0.13	26.3
CG_RC24_003	405317	8465644	309	31	34	3	180.4	20%	15.1	0.12	24.7
CG_RC24_003	405317	8465644	309	34	37	3	159.1	20%	16.0	0.11	27.0
CG_RC24_003	405317	8465644	309	37	40	3	165.8	20%	15.2	0.12	26.5
CG_RC24_003	405317	8465644	309	40	43	3	120.2	20%	14.8	0.1	25.3
CG_RC24_003	405317	8465644	309	43	46	3	151.6	19%	15.7	0.1	24.6
CG_RC24_003	405317	8465644	309	46	49	3	142.2	21%	15.6	0.11	23.8
CG_RC24_004	401902	8468316	311.79	0	3	3	319.2	20%	25.9	0.14	77.7
CG_RC24_004	401902	8468316	311.79	3	6	3	94.9	14%	23.5	0.15	80.0
CG_RC24_004	401902	8468316	311.79	6	9	3	251.7	19%	27.3	0.13	53.4
CG_RC24_004	401902	8468316	311.79	9	12	3	2323.1	20%	28.3	0.4	57.8
CG_RC24_004	401902	8468316	311.79	12	15	3	712.2	21%	25.6	0.19	57.0
CG_RC24_004	401902	8468316	311.79	15	18	3	1088.9	23%	22.5	0.24	54.8
CG_RC24_004	401902	8468316	311.79	18	21	3	829.7	17%	20.5	0.14	48.0
CG_RC24_004	401902	8468316	311.79	21	24	3	665.7	16%	18.2	0.15	42.5
CG_RC24_004	401902	8468316	311.79	24	27	3	815.9	22%	15.3	0.15	41.1

CG_RC24_004	401902	8468316	311.79	27	30	3	1030.2	23%	17.2	0.14	42.3
CG_RC24_004	401902	8468316	311.79	30	33	3	540.4	22%	13.8	0.11	31.3
CG_RC24_004	401902	8468316	311.79	33	36	3	535.9	22%	12.5	0.19	30.4
CG_RC24_004	401902	8468316	311.79	36	38	2	611.0	22%	14.0	0.23	33.7
CG_RC24_004	401902	8468316	311.79	38	41	3	564.5	22%	13.3	0.13	32.4
CG_RC24_004	401902	8468316	311.79	41	44	3	648.3	23%	13.7	0.18	38.7
CG_RC24_004	401902	8468316	311.79	44	47	3	763.3	22%	13.2	0.24	30.1
CG_RC24_004	401902	8468316	311.79	47	50	3	325.0	22%	13.9	0.14	30.1
CG_RC24_004	401902	8468316	311.79	50	53	3	287.1	21%	12.8	0.15	25.9
CG_RC24_004	401902	8468316	311.79	53	56	3	330.8	23%	12.8	0.14	23.8
CG_RC24_004	401902	8468316	311.79	56	59	3	322.9	22%	12.7	0.17	25.7
CG_RC24_004	401902	8468316	311.79	59	62	3	388.7	23%	12.7	0.61	29.3
CG_RC24_004	401902	8468316	311.79	62	63	1	392.5	21%	12.4	0.13	24.5
CG_RC24_004	401902	8468316	311.79	63	66	3	392.1	22%	12.7	0.18	27.0
CG_RC24_004	401902	8468316	311.79	66	69	3	327.1	22%	13.2	0.3	26.1
CG_RC24_004	401902	8468316	311.79	69	72	3	311.8	23%	13.7	0.24	24.2
CG_RC24_004	401902	8468316	311.79	72	75	3	443.3	22%	13.2	0.25	25.0
CG_RC24_004	401902	8468316	311.79	75	78	3	484.7	23%	13.5	0.29	24.7
CG_RC24_004	401902	8468316	311.79	78	81	3	478.2	24%	12.4	0.82	26.5
CG_RC24_004	401902	8468316	311.79	81	84	3	374.6	22%	13.6	0.24	25.3
CG_RC24_004	401902	8468316	311.79	84	87	3	426.1	22%	13.3	0.26	25.3
CG_RC24_004	401902	8468316	311.79	87	90	3	428.2	22%	12.9	0.28	25.1
CG_RC24_005	401064	8466972	531.1	0	3	3	291.8	20%	19.4	0.07	41.9
CG_RC24_005	401064	8466972	531.1	3	7	4	101.7	22%	12.6	0.01	27.8

CG_RC24_005	401064	8466972	531.1	7	9	2	65.9	19%	10.9	0.01	27.6
CG_RC24_005	401064	8466972	531.1	9	11	2	370.8	19%	12.0	0.18	34.7
CG_RC24_005	401064	8466972	531.1	11	15	4	950.2	19%	21.6	0.4	39.0
CG_RC24_005	401064	8466972	531.1	15	18	3	749.9	24%	23.0	0.47	44.6
CG_RC24_005	401064	8466972	531.1	18	22	4	1255.3	25%	28.2	0.51	64.9
CG_RC24_005	401064	8466972	531.1	22	26	4	472.5	22%	23.3	0.4	48.1
CG_RC24_005	401064	8466972	531.1	26	29	3	666.5	21%	23.2	0.17	47.7
CG_RC24_005	401064	8466972	531.1	29	30	1	872.2	19%	19.4	0.18	44.8
CG_RC24_005	401064	8466972	531.1	30	33	3	574.6	23%	19.9	0.54	37.1
CG_RC24_005	401064	8466972	531.1	33	36	3	5716.0	20%	15.1	1.22	30.6
CG_RC24_005	401064	8466972	531.1	36	38	2	7889.7	23%	15.7	3.09	30.9
CG_RC24_005	401064	8466972	531.1	38	41	3	912.9	24%	14.8	1.12	32.8
CG_RC24_005	401064	8466972	531.1	41	44	3	1265.4	21%	18.5	0.67	37.8
CG_RC24_005	401064	8466972	531.1	44	47	3	878.9	24%	14.0	0.87	31.2
CG_RC24_005	401064	8466972	531.1	47	50	3	848.9	24%	16.3	0.93	31.9
CG_RC24_005	401064	8466972	531.1	50	53	3	787.0	23%	17.7	0.74	37.0
CG_RC24_005	401064	8466972	531.1	53	56	3	625.1	23%	14.6	0.3	29.6
CG_RC24_005	401064	8466972	531.1	56	59	3	464.1	23%	18.7	0.3	39.8
CG_RC24_005	401064	8466972	531.1	59	63	4	4810.1	21%	11.3	1.9	26.9
CG_RC24_005	401064	8466972	531.1	63	66	3	2596.8	20%	14.8	1.34	28.8
CG_RC24_005	401064	8466972	531.1	66	70	4	1398.9	22%	14.9	1.12	33.1
CG_RC24_006	401345	8467042	440	0	2	2	421.8	19%	22.1	0.14	54.3
CG_RC24_006	401345	8467042	440	2	4	2	249.6	17%	14.3	0.03	33.7
CG_RC24_006	401345	8467042	440	4	7	3	466.2	16%	16.3	0.04	39.7

CG_RC24_006	401345	8467042	440	7	10	3	160.5	16%	13.2	0.005	30.1
CG_RC24_006	401345	8467042	440	10	12	2	473.9	19%	18.5	0.04	37.8
CG_RC24_006	401345	8467042	440	12	15	3	151.6	11%	12.4	0.005	29.0
CG_RC24_006	401345	8467042	440	15	16	1	190.5	19%	14.0	0.01	32.8
CG_RC24_006	401345	8467042	440	16	18	2	105.2	21%	13.3	0.01	28.2
CG_RC24_006	401345	8467042	440	18	20	2	115.8	13%	12.9	0.01	31.7
CG_RC24_006	401345	8467042	440	20	22	2	145.0	15%	13.1	0.01	29.8
CG_RC24_006	401345	8467042	440	22	24	2	220.3	20%	11.7	0.05	30.1
CG_RC24_006	401345	8467042	440	24	27	3	211.2	17%	12.2	0.04	31.7
CG_RC24_006	401345	8467042	440	27	30	3	176.1	18%	11.9	0.05	31.9
CG_RC24_006	401345	8467042	440	30	32	2	324.2	19%	11.5	0.08	31.5
CG_RC24_006	401345	8467042	440	32	34	2	289.9	21%	12.0	0.27	29.2
CG_RC24_006	401345	8467042	440	34	36	2	190.7	21%	12.1	0.05	29.8
CG_RC24_006	401345	8467042	440	36	39	3	182.8	18%	11.3	0.04	29.3
CG_RC24_006	401345	8467042	440	39	41	2	192.5	21%	11.6	0.06	28.2
CG_RC24_006	401345	8467042	440	41	43	2	359.6	20%	13.0	0.09	31.5
CG_RC24_006	401345	8467042	440	43	45	2	778.4	21%	13.6	0.19	30.2
CG_RC24_006	401345	8467042	440	45	48	3	398.7	20%	12.7	0.07	29.8
CG_RC24_006	401345	8467042	440	48	51	3	672.4	21%	13.4	0.22	31.5
CG_RC24_006	401345	8467042	440	51	54	3	705.1	21%	13.7	0.17	30.6
CG_RC24_006	401345	8467042	440	54	57	3	740.5	21%	12.3	0.11	30.0
CG_RC24_006	401345	8467042	440	57	60	3	726.9	21%	13.2	0.18	29.2
CG_RC24_007	401774	8467596	315	0	2	2	407.5	19%	16.9	0.09	44.1
CG_RC24_007	401774	8467596	315	2	5	3	311.7	21%	12.3	0.07	27.0

CG_RC24_007	401774	8467596	315	5	8	3	1504.3	15%	19.8	0.43	37.5
CG_RC24_007	401774	8467596	315	8	10	2	1210.6	13%	18.2	0.23	36.8
CG_RC24_007	401774	8467596	315	10	12	2	557.1	15%	16.5	0.11	35.9
CG_RC24_007	401774	8467596	315	12	15	3	545.0	17%	17.7	0.04	37.2
CG_RC24_007	401774	8467596	315	15	18	3	737.6	20%	20.7	0.1	39.3
CG_RC24_007	401774	8467596	315	18	21	3	930.5	21%	20.1	0.11	51.2
CG_RC24_007	401774	8467596	315	21	24	3	841.5	21%	17.8	0.18	62.9
CG_RC24_007	401774	8467596	315	24	27	3	1748.1	22%	17.5	0.16	42.1
CG_RC24_007	401774	8467596	315	27	30	3	1629.8	21%	16.3	0.16	39.7
CG_RC24_007	401774	8467596	315	30	33	3	1630.2	21%	17.2	0.14	39.9
CG_RC24_007	401774	8467596	315	33	36	3	2046.0	22%	16.8	0.19	40.6
CG_RC24_007	401774	8467596	315	36	39	3	2088.5	21%	16.6	0.2	39.1
CG_RC24_007	401774	8467596	315	39	42	3	1801.7	21%	16.4	0.16	32.5
CG_RC24_007	401774	8467596	315	42	45	3	1633.7	19%	20.6	0.15	51.1
CG_RC24_007	401774	8467596	315	45	47	2	1541.0	20%	13.9	0.18	29.3
CG_RC24_007	401774	8467596	315	47	49	2	1442.6	21%	13.9	0.14	31.5
CG_RC24_007	401774	8467596	315	49	51	2	1362.6	20%	13.7	0.14	29.0
CG_RC24_007	401774	8467596	315	51	53	2	1580.5	20%	14.1	0.14	32.4
CG_RC24_007	401774	8467596	315	53	55	2	1125.9	19%	13.1	0.16	30.0
CG_RC24_007	401774	8467596	315	55	57	2	1354.0	20%	13.2	0.13	28.1
CG_RC24_007	401774	8467596	315	57	58	1	1420.1	20%	13.7	0.15	29.0
CG_RC24_007	401774	8467596	315	58	61	3	1367.0	20%	13.6	0.13	28.5
CG_RC24_008	401572	8466758	413	0	3	3	669.8	21%	21.9	0.13	49.6
CG_RC24_008	401572	8466758	413	3	6	3	833.8	23%	19.4	0.17	54.7

CG_RC24_008	401572	8466758	413	6	8	2	1094.8	20%	19.6	0.19	46.1
CG_RC24_008	401572	8466758	413	8	10	2	1818.3	17%	24.2	0.23	39.3
CG_RC24_008	401572	8466758	413	10	12	2	1753.6	23%	16.3	0.26	32.0
CG_RC24_008	401572	8466758	413	12	15	3	1501.0	23%	17.6	0.34	34.1
CG_RC24_008	401572	8466758	413	15	18	3	1110.6	25%	20.8	0.91	43.0
CG_RC24_008	401572	8466758	413	18	21	3	979.1	22%	20.4	0.76	44.0
CG_RC24_008	401572	8466758	413	21	23	2	514.3	22%	16.5	0.35	31.5
CG_RC24_008	401572	8466758	413	23	24	1	414.5	22%	16.9	0.28	29.3
CG_RC24_008	401572	8466758	413	24	27	3	172.9	22%	15.2	0.1	23.1
CG_RC24_008	401572	8466758	413	27	30	3	266.9	23%	13.1	0.18	25.4
CG_RC24_008	401572	8466758	413	30	33	3	291.4	22%	13.0	0.23	23.4
CG_RC24_008	401572	8466758	413	33	36	3	254.6	23%	12.5	0.17	25.3
CG_RC24_008	401572	8466758	413	36	39	3	228.6	21%	13.1	0.16	23.1
CG_RC24_008	401572	8466758	413	39	42	3	203.9	22%	16.9	0.13	30.0
CG_RC24_008	401572	8466758	413	42	44	2	191.6	23%	14.5	0.09	27.7
CG_RC24_008	401572	8466758	413	44	46	2	185.3	23%	19.3	0.1	39.0
CG_RC24_008	401572	8466758	413	46	49	3	262.0	21%	14.4	0.47	27.7
CG_RC24_008	401572	8466758	413	49	52	3	169.9	22%	16.0	0.11	29.6
CG_RC24_008	401572	8466758	413	52	55	3	149.4	21%	21.0	0.1	42.6
CG_RC24_008	401572	8466758	413	55	58	3	172.8	23%	16.9	0.07	32.7
CG_RC24_008	401572	8466758	413	58	60	2	205.8	22%	15.5	0.07	27.2
CG_RC24_008	401572	8466758	413	60	62	2	191.0	22%	12.3	0.12	22.9
CG_RC24_008	401572	8466758	413	62	65	3	155.8	23%	15.7	0.12	28.5
CG_RC24_008	401572	8466758	413	65	67	2	218.5	21%	19.1	0.11	38.8

CG_RC24_009	402120	8466940	293	0	3	3	589.3	21%	19.5	0.13	42.7
CG_RC24_009	402120	8466940	293	3	6	3	526.4	20%	21.5	0.1	44.2
CG_RC24_009	402120	8466940	293	6	9	3	583.6	20%	20.1	0.13	40.7
CG_RC24_009	402120	8466940	293	9	12	3	751.3	19%	21.8	0.17	44.5
CG_RC24_009	402120	8466940	293	12	15	3	543.7	21%	21.8	0.28	49.6
CG_RC24_009	402120	8466940	293	15	18	3	793.1	21%	21.9	0.29	45.4
CG_RC24_009	402120	8466940	293	18	21	3	561.3	9%	18.9	0.06	38.8
CG_RC24_009	402120	8466940	293	21	25	4	1531.2	15%	21.5	0.3	37.9
CG_RC24_009	402120	8466940	293	25	27	2	858.6	17%	17.8	0.16	35.2
CG_RC24_009	402120	8466940	293	27	29	2	271.8	21%	13.0	0.04	28.2
CG_RC24_009	402120	8466940	293	29	33	4	1566.9	15%	19.7	0.19	34.9
CG_RC24_009	402120	8466940	293	33	35	2	1601.7	22%	20.3	0.19	41.0
CG_RC24_009	402120	8466940	293	35	38	3	1477.0	22%	19.4	0.23	34.7
CG_RC24_009	402120	8466940	293	38	40	2	1427.6	24%	19.0	0.31	34.5
CG_RC24_009	402120	8466940	293	40	43	3	1356.2	26%	18.6	0.35	34.5
CG_RC24_009	402120	8466940	293	43	46	3	1091.7	24%	17.0	0.33	30.8
CG_RC24_009	402120	8466940	293	46	49	3	1001.0	21%	15.4	0.25	31.2
CG_RC24_009	402120	8466940	293	49	53	4	1086.8	20%	15.3	0.2	31.5
CG_RC24_009	402120	8466940	293	53	54	1	886.8	21%	14.4	0.22	26.9
CG_RC24_010	401838	8466905	339	0	2	2	916.2	23%	17.4	0.2	35.4
CG_RC24_010	401838	8466905	339	2	5	3	634.8	21%	21.2	0.15	42.5
CG_RC24_010	401838	8466905	339	5	8	3	712.8	20%	18.2	0.14	46.5
CG_RC24_010	401838	8466905	339	8	11	3	645.2	21%	18.1	0.22	43.4
CG_RC24_010	401838	8466905	339	11	14	3	818.3	22%	20.7	0.16	37.8

CG_RC24_010	401838	8466905	339	14	17	3	1521.7	16%	21.7	0.12	33.3
CG_RC24_010	401838	8466905	339	17	20	3	618.1	23%	21.9	0.28	41.1
CG_RC24_010	401838	8466905	339	20	23	3	720.9	27%	20.5	0.22	37.4
CG_RC24_010	401838	8466905	339	23	26	3	642.3	28%	18.0	0.16	31.7
CG_RC24_010	401838	8466905	339	26	29	3	540.1	25%	17.5	0.09	32.5
CG_RC24_010	401838	8466905	339	29	32	3	387.0	21%	12.6	0.1	26.3
CG_RC24_010	401838	8466905	339	32	34	2	243.7	22%	7.7	0.03	16.3
CG_RC24_010	401838	8466905	339	34	36	2	301.0	22%	8.5	0.06	17.2
CG_RC24_011	401444	8467258	418.6	0	3	3	190.9	21%	11.4	0.05	22.7
CG_RC24_011	401444	8467258	418.6	3	5	2	377.8	17%	16.1	0.05	37.8
CG_RC24_011	401444	8467258	418.6	5	7	2	354.1	18%	18.8	0.08	38.7
CG_RC24_011	401444	8467258	418.6	7	10	3	334.4	18%	18.9	0.09	40.5
CG_RC24_011	401444	8467258	418.6	10	14	4	206.2	11%	18.9	0.06	36.8
CG_RC24_011	401444	8467258	418.6	14	18	4	149.4	12%	16.8	0.03	32.1
CG_RC24_011	401444	8467258	418.6	18	20	2	329.5	19%	14.1	0.04	28.2
CG_RC24_011	401444	8467258	418.6	20	23	3	342.1	20%	13.5	0.27	28.5
CG_RC24_011	401444	8467258	418.6	23	26	3	437.6	20%	12.9	0.36	26.5
CG_RC24_011	401444	8467258	418.6	26	29	3	114.2	11%	13.3	0.03	29.3
CG_RC24_011	401444	8467258	418.6	29	31	2	843.4	19%	13.1	0.49	23.9
CG_RC24_011	401444	8467258	418.6	31	34	3	214.2	18%	13.5	0.14	27.0
CG_RC24_011	401444	8467258	418.6	34	37	3	92.7	14%	13.2	0.02	26.6
CG_RC24_011	401444	8467258	418.6	37	40	3	160.0	15%	12.6	0.04	25.7
CG_RC24_011	401444	8467258	418.6	40	43	3	152.0	14%	12.1	0.005	24.5
CG_RC24_011	401444	8467258	418.6	43	46	3	87.4	13%	12.4	0.04	27.0

CG_RC24_011	401444	8467258	418.6	46	49	3	97.0	11%	12.8	0.03	26.5
CG_RC24_011	401444	8467258	418.6	49	51	2	214.8	15%	15.3	0.05	31.6
CG_RC24_011	401444	8467258	418.6	51	54	3	120.1	12%	12.5	0.02	28.2
CG_RC24_011	401444	8467258	418.6	54	57	3	335.1	20%	9.4	0.23	19.4
CG_RC24_011	401444	8467258	418.6	57	60	3	686.1	22%	13.5	0.92	24.7
CG_RC24_012	403350	8465751	268.22	0	2	2	223.0	21%	23.5	0.17	47.0
CG_RC24_012	403350	8465751	268.22	2	5	3	188.5	19%	24.1	0.07	43.7
CG_RC24_012	403350	8465751	268.22	5	8	3	389.4	24%	24.9	0.14	43.4
CG_RC24_012	403350	8465751	268.22	8	11	3	258.3	28%	24.1	0.12	40.2
CG_RC24_012	403350	8465751	268.22	11	14	3	138.8	25%	23.0	0.15	36.2
CG_RC24_012	403350	8465751	268.22	14	17	3	258.6	26%	22.4	0.14	34.1
CG_RC24_012	403350	8465751	268.22	17	20	3	437.0	29%	22.8	0.14	34.8
CG_RC24_012	403350	8465751	268.22	20	23	3	150.1	27%	23.9	0.18	38.6
CG_RC24_012	403350	8465751	268.22	23	26	3	318.6	23%	24.9	0.16	35.6
CG_RC24_012	403350	8465751	268.22	26	29	3	147.4	23%	23.5	0.09	37.6
CG_RC24_012	403350	8465751	268.22	29	31	2	174.2	20%	21.3	0.09	33.9
CG_RC24_012	403350	8465751	268.22	31	34	3	169.8	19%	21.1	0.09	32.0
CG_RC24_012	403350	8465751	268.22	34	37	3	219.5	22%	20.1	0.06	30.2
CG_RC24_012	403350	8465751	268.22	37	40	3	161.5	21%	15.5	0.05	24.7
CG_RC24_013	402310	8466995	257.85	0	3	3	506.2	22%	18.3	0.09	39.9
CG_RC24_013	402310	8466995	257.85	3	6	3	660.2	23%	21.9	0.12	43.4
CG_RC24_013	402310	8466995	257.85	6	9	3	804.5	20%	23.3	0.14	47.2
CG_RC24_013	402310	8466995	257.85	9	12	3	899.9	22%	22.1	0.2	44.2
CG_RC24_013	402310	8466995	257.85	12	15	3	525.5	21%	22.3	0.11	40.6

CG_RC24_013	402310	8466995	257.85	15	18	3	583.5	18%	17.7	0.17	39.7
CG_RC24_013	402310	8466995	257.85	18	21	3	1516.4	22%	11.7	0.21	11.4
CG_RC24_013	402310	8466995	257.85	21	24	3	1222.6	22%	16.8	0.21	24.9
CG_RC24_013	402310	8466995	257.85	24	27	3	913.7	22%	14.1	0.16	20.3
CG_RC24_013	402310	8466995	257.85	27	30	3	792.6	21%	15.2	0.16	22.6
CG_RC24_013	402310	8466995	257.85	30	33	3	377.8	20%	10.9	0.08	14.8
CG_RC24_013	402310	8466995	257.85	33	36	3	384.7	18%	14.4	0.07	17.1
CG_RC24_013	402310	8466995	257.85	36	39	3	393.6	22%	15.0	0.07	25.5
CG_RC24_013	402310	8466995	257.85	39	42	3	376.2	21%	14.5	0.06	25.9
CG_RC24_013	402310	8466995	257.85	42	45	3	381.6	20%	12.5	0.1	19.0
CG_RC24_013	402310	8466995	257.85	45	47	2	424.0	20%	13.4	0.1	18.4
CG_RC24_013	402310	8466995	257.85	47	49	2	367.0	20%	12.9	0.18	25.3
CG_RC24_013	402310	8466995	257.85	49	52	3	278.2	21%	16.0	0.23	24.5
CG_RC24_013	402310	8466995	257.85	52	55	3	297.0	20%	15.8	0.15	23.1
CG_RC24_013	402310	8466995	257.85	55	58	3	365.0	20%	13.0	0.16	20.3
CG_RC24_013	402310	8466995	257.85	58	60	2	338.3	22%	14.1	0.31	27.7
CG_RC24_014	401309	8468633	391.15	0	3	3	342.9	21%	17.1	0.09	33.5
CG_RC24_014	401309	8468633	391.15	3	6	3	380.1	19%	17.0	0.06	32.8
CG_RC24_014	401309	8468633	391.15	6	9	3	962.2	22%	19.4	0.16	34.5
CG_RC24_014	401309	8468633	391.15	9	12	3	1753.2	26%	18.4	0.28	32.1
CG_RC24_014	401309	8468633	391.15	12	15	3	1525.9	26%	17.8	0.24	28.8
CG_RC24_014	401309	8468633	391.15	15	18	3	1393.2	23%	15.6	0.27	27.4
CG_RC24_014	401309	8468633	391.15	18	19	1	1270.1	21%	15.8	0.24	25.7
CG_RC24_014	401309	8468633	391.15	19	22	3	889.8	22%	14.6	0.19	28.9

CG_RC24_014	401309	8468633	391.15	22	25	3	798.3	24%	13.9	0.09	27.4
CG_RC24_014	401309	8468633	391.15	25	28	3	537.9	23%	12.8	0.11	23.5
CG_RC24_014	401309	8468633	391.15	28	31	3	556.8	22%	13.1	0.1	25.1
CG_RC24_014	401309	8468633	391.15	31	34	3	601.4	22%	13.1	0.12	22.6
CG_RC24_014	401309	8468633	391.15	34	37	3	584.4	22%	13.6	0.11	23.1
CG_RC24_014	401309	8468633	391.15	37	40	3	609.7	22%	13.6	0.14	23.5
CG_RC24_014	401309	8468633	391.15	40	42	2	661.5	22%	13.5	0.16	23.7
CG_RC24_015	401308	8468847	363.53	0	3	3	355.2	17%	13.5		26.3
CG_RC24_015	401308	8468847	363.53	3	5	2	800.7	19%	13.4		24.3
CG_RC24_015	401308	8468847	363.53	5	8	3	1544.5	17%	16.2		32.8
CG_RC24_015	401308	8468847	363.53	8	11	3	2005.6	17%	20.1		29.0
CG_RC24_015	401308	8468847	363.53	11	13	2	1556.4	19%	19.9		31.7
CG_RC24_015	401308	8468847	363.53	13	16	3	1415.4	21%	20.9		32.4
CG_RC24_015	401308	8468847	363.53	16	19	3	1282.4	22%	18.9		33.1
CG_RC24_015	401308	8468847	363.53	19	22	3	1327.9	23%	17.0		31.6
CG_RC24_015	401308	8468847	363.53	22	25	3	1150.9	22%	16.1		28.6
CG_RC24_015	401308	8468847	363.53	25	28	3	902.5	21%	14.5		28.5
CG_RC24_015	401308	8468847	363.53	28	31	3	1044.5	22%	15.8		31.3
CG_RC24_015	401308	8468847	363.53	31	33	2	1064.6	22%	15.8		27.6
CG_RC24_015	401308	8468847	363.53	33	36	3	870.1	21%	13.6		26.7
CG_RC24_015	401308	8468847	363.53	36	39	3	905.9	22%	13.3		25.3
CG_RC24_015	401308	8468847	363.53	39	42	3	889.3	21%	13.6		27.3
CG_RC24_015	401308	8468847	363.53	42	45	3	796.1	22%	12.9		24.1
CG_RC24_015	401308	8468847	363.53	45	48	3	845.9	22%	14.1		28.1

CG_RC24_015	401308	8468847	363.53	48	51	3	812.2	20%	12.8	22.9
CG_RC24_015	401308	8468847	363.53	51	53	2	851.8	21%	13.0	23.9
CG_RC24_016	401409	8468287	402.84	0	2	2	755.9	22%	14.4	31.1
CG_RC24_016	401409	8468287	402.84	2	4	2	714.0	22%	15.6	32.5
CG_RC24_016	401409	8468287	402.84	4	7	3	465.7	19%	20.1	46.2
CG_RC24_016	401409	8468287	402.84	7	10	3	364.4	18%	20.3	48.0
CG_RC24_016	401409	8468287	402.84	10	13	3	238.1	19%	20.6	49.2
CG_RC24_016	401409	8468287	402.84	13	16	3	349.3	23%	23.2	48.9
CG_RC24_016	401409	8468287	402.84	16	19	3	553.9	23%	23.9	39.5
CG_RC24_016	401409	8468287	402.84	19	22	3	866.8	20%	22.5	34.0
CG_RC24_016	401409	8468287	402.84	22	25	3	983.0	20%	20.4	31.6
CG_RC24_016	401409	8468287	402.84	25	28	3	1301.1	28%	22.1	34.9
CG_RC24_016	401409	8468287	402.84	28	31	3	798.6	28%	18.5	29.3
CG_RC24_016	401409	8468287	402.84	31	34	3	790.5	29%	13.1	25.9
CG_RC24_016	401409	8468287	402.84	34	36	2	1507.5	23%	12.2	25.5
CG_RC24_016	401409	8468287	402.84	36	39	3	571.1	25%	13.8	24.1
CG_RC24_016	401409	8468287	402.84	39	42	3	523.7	23%	17.8	31.6
CG_RC24_016	401409	8468287	402.84	42	45	3	390.6	24%	16.9	29.8
CG_RC24_016	401409	8468287	402.84	45	48	3	408.0	23%	17.9	32.0
CG_RC24_016	401409	8468287	402.84	48	51	3	519.2	25%	16.9	31.1
CG_RC24_016	401409	8468287	402.84	51	54	3	441.0	24%	18.1	31.3
CG_RC24_016	401409	8468287	402.84	54	57	3	739.2	23%	14.5	24.1
CG_RC24_016	401409	8468287	402.84	57	60	3	1131.3	22%	12.8	23.3
CG_RC24_017	402136	8467764	240.23	0	3	3	725.0	22%	19.0	29.0

CG_RC24_017	402136	8467764	240.23	3	4	1	733.3	22%	14.0	22.9
CG_RC24_017	402136	8467764	240.23	4	7	3	311.8	23%	14.5	21.0
CG_RC24_017	402136	8467764	240.23	7	9	2	318.0	22%	14.4	22.2
CG_RC24_017	402136	8467764	240.23	9	11	2	696.0	23%	13.6	18.4
CG_RC24_017	402136	8467764	240.23	11	14	3	210.5	20%	14.5	22.6
CG_RC24_017	402136	8467764	240.23	14	17	3	285.0	20%	14.8	23.3
CG_RC24_017	402136	8467764	240.23	17	20	3	223.9	20%	15.4	23.1
CG_RC24_017	402136	8467764	240.23	20	21	1	418.9	24%	14.0	23.4
CG_RC24_017	402136	8467764	240.23	21	23	2	236.3	21%	14.9	21.8
CG_RC24_017	402136	8467764	240.23	23	25	2	230.1	21%	15.3	22.9

JORC Code, 2012 Edition – Table 1
Section 1 Sampling Techniques and Data
(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	**Nature of Sampling:** Rio Negro Prospect was sampled using Reverse Circulation (RC) drilling. A total of 14 additional RC drill holes were completed. The RC drilling program was designed to penetrate the clay layers and test the depth and extent of the mineralisation.. **Method of Collection:** Samples from the RC drilling were retrieved directly from the cyclone. Each sample was collected in pre-labeled plastic bags, immediately sealed to prevent contamination. The bags were clearly marked with unique identification numbers to maintain accurate traceability. After collecting, the samples were securely stored and prepared for shipment. **Sample Care:** Initial inspections of the RC samples were conducted in the field by the project geologists to ensure the quality and integrity of the samples. Upon arrival at the storage facility, the samples underwent a second round of checks, including the review of drilling reports and the verification of sample labeling. Detailed logging of all RC holes was conducted, with an emphasis on recording geological information and ensuring the consistency of sample quality throughout the drilling process. **Sample Weight:** Each sample collected during the RC drilling program weighed between 4kg to 6kg, depending on the material and depth of the sample. This weight range provided a sufficient amount of material for laboratory analysis while preserving the integrity of the sample. **Packaging & Labeling:** After collection, the RC samples were placed in double plastic bags to prevent any contamination during handling and transport. Each bag was labeled with a unique identification number for traceability. The samples were securely sealed and shipped to SGS and ALS Laboratories in Belo Horizonte, Brazil, for preparation and analysis.
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).*	**Type of Drill:** A Reverse Circulation (RC) drilling was used for this stage of the exploration program. **Drill Method:** RC drilling was implemented to collect continuous rock chips, which provided a representative sample from each meter of drilled material. This method is particularly effective for fast, efficient drilling in clay and rock formations, enabling comprehensive geological and geochemical analysis. **Drill Rig: A Dumker HD250**, mechanized RC drill rig was used, equipped with a 4'', 4.5'' and 5'' hammer bit. This robust rig allowed for efficient penetration of the target zones while maintaining high-quality sample recovery across variable lithologies encountered in the drilling process. **Drill Parameters:** RC drilling was conducted to depths ranging from 15 to 25 meters, depending on the specific target zones. The 5 inch bit provided sufficient sample volume for accurate analysis. **Drill Orientation:** Drilling was exclusively vertical, with no orientation monitoring deemed necessary due to the straightforward nature of the drilling method and the target zones.

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.*	Recovery Rates: RC drilling overall recovery was 90 to 100%. Each drilling session was documented, assuring thorough record-keeping. Recovery rates were calculated by comparing actual core or chip lengths with expected run lengths, and all data was logged immediately and precisely. Consistent drilling protocols, immediate secure packaging, and minimal handling were standard practices to optimize sample integrity and recovery. No significant bias was detected between sample recovery and grade, suggesting reliable assay data with minimal material loss or gain across varying grain sizes. Every meter sample was collected in plastic buckets and weighed. Each sample averages approximately 20kg, which is considered acceptable given the hole diameter and the specific density of the material.
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.*	Geological descriptions are made using a tablet with the MX Deposit system, which directly connects the geological descriptions to the database in the MX Deposit system managed by the Equinox Resources senior geologist. A geologist logs the material at the drill rig. Logging focuses on the soil (humic) horizon, saprolite/clay zones, and transition boundaries. Other parameters recorded include grain size, texture, and colour, which can help identify the parent rock before weathering. Due to the nature of the drilling, logging is done every meter. 1m samples weighing approximately 20kg are collected in a bucket and presented for sampling and logging. The chip trays of all drilled holes have a digital photographic record and are retained at the core facility in Jequie.
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.*	Sample Preparation Facility: Samples were processed at the SGS and ALS – Labs located in MG, Brazil. ME-MS81: Processed at ALS Belo Horizonte located at Rua S Paulo, 685, CEP:33.200-000 Vespasiano, Belo Horizonte, MG, Brazil. ME_ICP06: Processed at ALS Lima located at Calle 1 LT-1A Mz-D, esq. Calle A, Urb. Industrial Bocanegra Callao 01, Lima, Peru. Drilling: • Collection and Labeling: Samples of clayey soil, regolith, and saprolite were collected at 2m intervals, placed into clear plastic bags, sealed, and labelled. • Weighing and Lab Analysis: The samples were weighed and sent to ALS-Labs for analysis. • Sample Preparation (ME-MS81): Upon arrival at the lab, samples were dried at 105°C, crushed to 75% less than 3 mm, homogenized, and passed through a Jones riffle splitter (250g to 300g). This aliquot was then pulverized in a steel mill until over 95% had a size of 150 microns. • Analysis (ME_ICP06): The aliquot was sent to ALS Lima to analyse Rare Earth Elements and Trace Elements by ICP-MS for 38 elements using fusion with lithium borate.

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.*	a) ME-MS81 - Lithium Borate Fusion followed by Inductively Coupled Plasma Mass Spectrometry (ICP MS) was employed to determine concentrations of Rare Earth elements. Detection limits for some elements include: Ba 0.5 - 10000 (ppm) Ce 0.1 - 10000 (ppm) Rb 0.2 - 10000 (ppm) Cr 5 - 10000 (ppm) Sc 0.5 - 1000 (ppm) Cs 0.01 - 1000 (ppm) Sm 0.03 - 1000 (ppm) Dy 0.05 – 1000 (ppm) Sn 0.5 - 1000 (ppm) Er 0.03 - 1000 (ppm) Sr 0.1 - 1000 (ppm) Eu 0.02 - 1000 (ppm) Ta 0.1 - 10000 (ppm) Ga 0.1 - 10000 (ppm) Tb 0.01 - 1000 (ppm) Gd 0.05 - 1000 (ppm) Th 0.05 - 10000 (ppm) Hf 0.05 - 500 (ppm) Ti 0.01 - 10 (%) Ho 0.01 - 1000 (ppm) Tm 0.01 - 1000 (ppm) La 0.1 - 10000 (ppm) U 0.05 - 10000 (ppm) Lu 0.01 - 1000 (ppm) V 5 - 10000 (ppm) Nb 0.05 - 1000 (ppm) W 0.5 - 10000 (ppm) Nd 0.1 - 10000 (ppm) Y 0.1 - 10000 (ppm) Pr 0.02 - 1000 (ppm) Yb 0.03 - 1000 (ppm) Zr 1 - 10000 (ppm) b) ME-ICP06 - Lithium Borate Fusion followed by Inductively Coupled Plasma Atomic Emission Spectrometry (ICP AES) was employed to determine concentrations of Major Oxides. Detection limits for some elements include: Al_2O_3 0.01 - 75 (%) Na_2O 0.01 - 30 (%) P_2O_5 0.01 - 25 (%) CaO 0,01 - 60 (%) SiO_2 0,01 - 90 (%) Cr_2O_3 0,002 - 10 (%) SrO 0,01 – 10% Fe_2O_3 0.01 - 75 (%) TiO_2 0,01 - 25 (%) K_2O 0.01 - 25 (%) MgO 0,01 - 30 (%) MnO 0.01 - 10 (%) BaO 0,01 - 10%
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.*	Significant intersections have not been independently verified by alternative company personnel yet. Twinned holes were used to Quality Control. Primary data collection follows a structured protocol, with standardized data entry procedures in place. Data verification procedures ensure that any anomalies or discrepancies are identified and rectified. All data is stored both in physical forms, such as hard copies and electronically, in secure databases with regular backups and MX deposit. • The only adjustments to the data were made- transforming the elemental values into the oxide values. Conversion of elemental analysis (REE) to stoichiometric oxide (REO) was undertaken by spreadsheet using defined conversion factors. Element Oxide Factor Ce CeO_2 1.2284 La La_2O_3 1.1728 Sm Sm_2O_3 1.1596 Nd Nd_2O_3 1.1664 Pr Pr_6O_{11} 1.2082 Dy Dy_2O_3 1.1477 Eu Eu_2O_3 1.1579 Y Y_2O_3 1.2699 Tb Tb_4O_7 1.1762 Gd Gd_2O_3 1.1526 Ho Ho_2O_3 1.1455 Er Er_2O_3 1.1435 Tm Tm_2O_3 1.1421 Yb Yb_2O_3 1.1387 Lu Lu_2O_3 1.1371 Ga Ga_2O_3 1.3442 TREO (Total Rare Earth Oxide) = La_2O_3 + CeO_2 + Pr_6O_{11} + Nd_2O_3 + Sm_2O_3 + Eu_2O_3 + Gd_2O_3 + Tb_4O_7 + Dy_2O_3 + Ho_2O_3 + Er_2O_3 + Tm_2O_3 + Yb_2O_3 + Y_2O_3 + Lu_2O_3.

		MREO (Magnet Rare Earth Oxide) = Nd_2O_3 + Pr_6O_{11} + Tb_4O_7 + Dy_2O_3. %MREO = MREO/TREO x 100.
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.*	The UTM SIRGAS2000 zone 23S grid datum is used for current reporting. The samples collected are currently controlled by hand-held GPS with 4 m precision. The grid system employed for the project is based on the SIRGAS 2000 UTM coordinate system. This universal grid system facilitates consistent data interpretation and integration with other geospatial datasets. To ensure the quality and reliability of the topographic location data, benchmark and control points were established within the project area.
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.*	This was an exploratory RC drilling program across the prospect based on the initial scout drilling. The exploratory nature of the RC drilling further supports the overall geological understanding, although its data spacing is not predefined.
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.*	All drill holes were vertically oriented, the distribution of REE in the regolith horizons is largely controlled by vertical changes within the profile. Vertical drill holes intersect these horizons perpendicularly and obtain representative samples that reflect the true width of horizontal mineralization. In regolith, auger drill hole orientations do not result in geometrically biased interval thickness. Given the vast area extent and its relatively consistent thickness, vertical drilling is best suited to achieve unbiased sampling. This orientation allows for consistent intersecting of the horizontal mineralized zones and provides a representative view of the overall geology and mineralization. There is no indication that the orientation of the drilling has introduced any sampling bias about the crucial mineralized structures. The drilling orientation aligns well with the known geology of the deposit, ensuring accurate representation and unbiased sampling of the mineralized zones. Any potential bias due to drilling orientation is considered negligible in this context.
Sample security	• *The measures taken to ensure sample security.*	After collection in the field, the drill samples were placed in sealed plastic bags that were then placed into larger polyweave bags labelled with the sample IDs inside and transported to the Company's secure warehouse. Drill core samples were transported in their core boxes. The samples were transported directly to SGS and ALS laboratories in Brazil. The samples were secured during transportation to ensure no tampering, contamination, or loss. Chain of custody was maintained from the field to the laboratory, with proper documentation accompanying each batch of samples to ensure transparency and traceability of the entire sampling process. Using a reputable laboratory further reinforces the sample security and integrity of the assay results.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	As of the current reporting date, no external audits or reviews have been conducted on the sampling techniques, assay data, or results obtained from this work. However, internal processes and checks were carried out consistently to ensure the quality and reliability of the data.

Section 2 Reporting of Exploration Results

(Criteria in this section apply to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.*	The Campo Grande Project is 100% owned by, Equinox Resources Limited (EQN), an Australian registered company. Located in the State of Bahia, Northeastern Brazil, the EQN Tenements consists of 99 granted exploration permits covering a land area of approximately 1,801 km^2. Permits are registered at Brazil's Agencia Nacional de Mineracao (ANM). The Rio Negro Prospect: • ANM 872042/2023 • Area:1.793,35 hectares • Status: Exploration Permit • Location: Jequié
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	No other exploration is known apart from the government agency's field mapping and geophysical data work.
Geology	• Deposit type, geological setting and style of mineralisation.	The mineralisation in the region consists of Ionic Adsorption Clay ("IAC") deposits, and regolith hosted deposits of monazite mineral grains, and primary in-situ REEE-Nb-Sc mineralisation. The Project is hosted by the Jequié Complex, a terrain of the north-eastern São Francisco Craton, that includes the Volta do Rio Plutonic Suite of high-K ferroan ("A-type") granitoids, subordinate mafic to intermediate rocks; and thorium rich monazitic leucogranites with associated REE. The region is affected by intense NE-SW regional shearing which may be associated with a REE enriched hydrothermal system. The regolith mineralization is characterised by a REE enriched lateritic zone at surface underlain by a depleted mottled zone grading into a zone of REE-accumulation in the saprolite part of the profile.

Drill hole Information	• A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:
	  ○ easting and northing of the drill hole collar
	  ○ elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar
	  ○ dip and azimuth of the hole
	  ○ down hole length and interception depth
	  ○ hole length.
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.
		The details related to all the auger and RC drill holes presented in this Report are detailed in Annex 1 and 2.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	Data collected for this project includes surface geochemical analyses, geological mapping, and auger and RC drilling results. Data were compiled without selective exclusion. All analytical methods and aggregation were done according to industry best practices, as detailed in previous discussions.

Criteria	JORC Code explanation	Commentary
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	Given the nature of the deposit, which is a supergene deposit with a much larger areal extent than its thickness, the vertical drilling orientation is suitable for accurately representing the mineralized zones. All drill holes are vertical and are appropriate for the deposit type, ensuring unbiased sampling of the mineralization. Due to the geometry of the mineralization and the vertical orientation of the drill holes, the down hole lengths can be considered close representations of the true widths of the mineralized zones. However, for absolute precision, further studies would be required. In cases where there might be a discrepancy between downhole lengths and true widths, it should be noted that "down hole length, true width not known".
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.*	Diagrams, tables, and any graphic visualization are presented in the body of the report.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	The report presents all drilling results that are material to the project and are consistent with the JORC guidelines. This report is a faithful representation of the exploration activities and findings without any undue bias or omission. Assay results reported do not include the company's internal QA/QC samples taken as per industry standard practices.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	There is no additional substantive exploration data to report currently.
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	Future works include further auger and RC drilling campaign on the Rio Negro tenement including, geological mapping, geochemical and metallurgical tests, and mineralogical characterization.