

# ASX Announcement

23 February, 2022



## 9 High-Priority VMS Targets at Gidgee North; Drilling to Commence in Q2 CY2022

### HIGHLIGHTS

- ✦ **9 high-priority VMS base-metal targets identified from collating datasets including:**
  - Recently completed Fixed Loop Electromagnetic survey (FLEM)
  - Positive magnetic and gravity geophysical anomalies
  - VMS pathfinder geochemistry across 3 FLEM conductors
  - Permissive host lithologies and structures
  - Clustering of anomalies, including along strike of the Altair prospect (ASX: HRN)
- ✦ **Potential analogies to the nearby "Altair" Cu-Zn prospect**
  - 44m @ 1.2% Cu from 56m (ALAC005) and 20m @ 1.1% Cu from 64m (ALRC0007)
- ✦ **Maiden RC drill program scheduled to commence in early Q2 CY2022**

Westar Resources Limited (ASX: **WSR**) (**Westar** or **the Company**) is pleased announce that it has received the interpreted results from the Fixed Loop Electromagnetic (FLEM) survey at its Gidgee North project located in the Sandstone region of Western Australia. The survey covered 9 SkyTEM anomalies, all 9 have now been defined as high-priority VMS targets (Cu-Zn-Pb).

The 9 high-priority VMS targets identified at Gidgee North are based on a combination of exploration activities undertaken by Westar including a FLEM survey, soil sampling geochemistry and an updated litho-structural interpretation. The Company is scheduled to commence drilling in Q2 CY2022.

#### Westar Managing Director Karl Jupp commented:

*"These are simply exceptional VMS targets, resulting from diligent and systematic exploration at our Gidgee North Project. The cluster of high-priority targets at the Youno Downs Camp, along with additional blue-sky potential between the Breakaway Bore and Griffin prospects represents an exceptional and rare opportunity in the mature exploration environment of Western Australia. Our plan from here is to progress immediately to planning for our maiden drilling program which is scheduled to commence early Q2 CY2022."*



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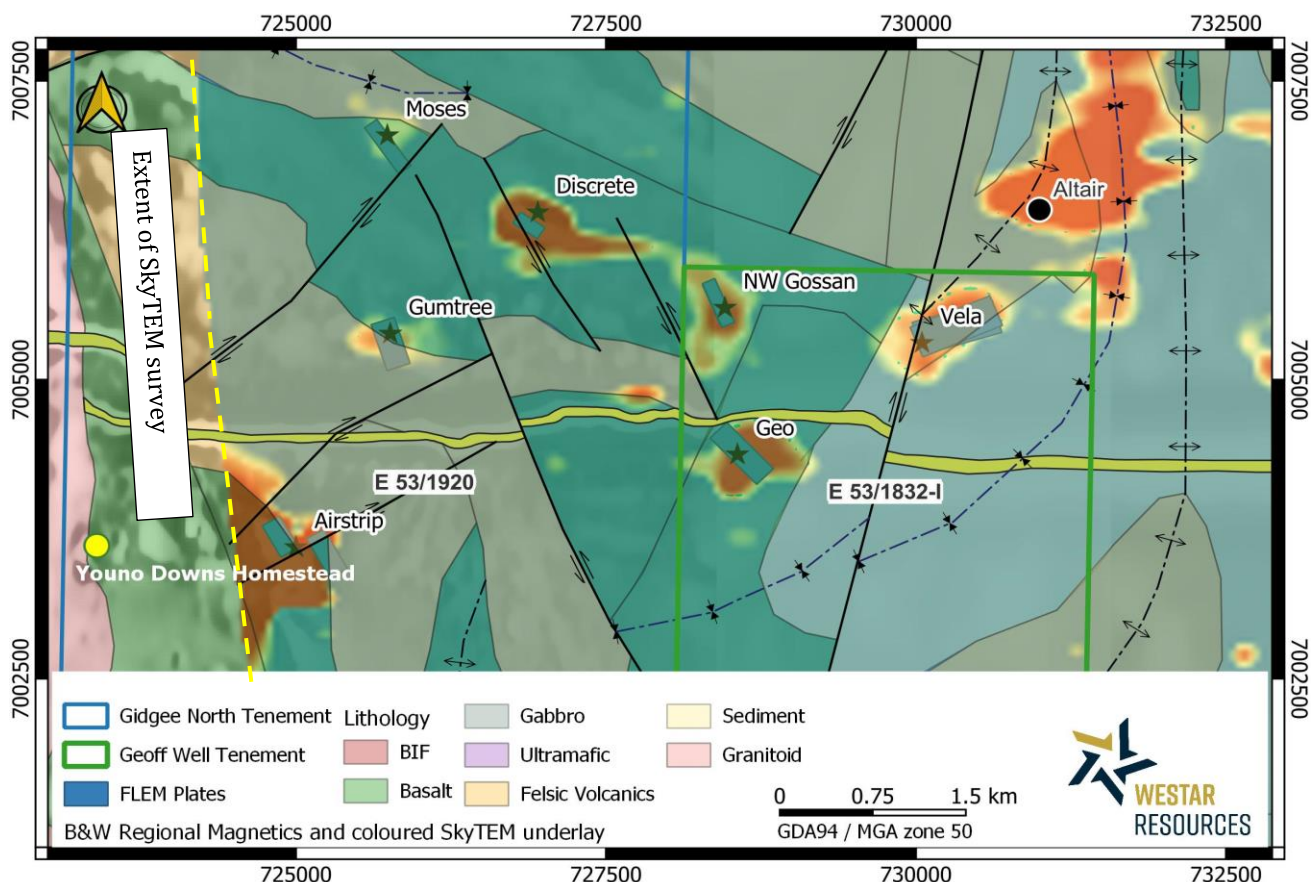
#### Projects

Sandstone (100% Owned)  
Mt Magnet (100% Owned)  
Nullagine (100% Owned)  
Southern Cross (RMS JV)

ASX Code            WSR

## GIDGEE NORTH VMS EXPLORATION UPDATE

Westar Resources has received all multi-element assay results from an in-fill and extensional soil sampling program, and plate models from a recently completed FLEM program over previously identified SkyTEM targets. This data has assisted to further refine base-metal targets previously announced 4 October 2021, **“Gidgee North Base Metal and Gold Exploration Update”**. The FLEM survey in conjunction with field mapping, revised litho-structural interpretation utilizing open-file ground gravity data and desk-top targeting study has identified 9 high-priority VMS prospects. The Youno Downs camp FLEM plates and prospects are displayed in Figure 1, below.

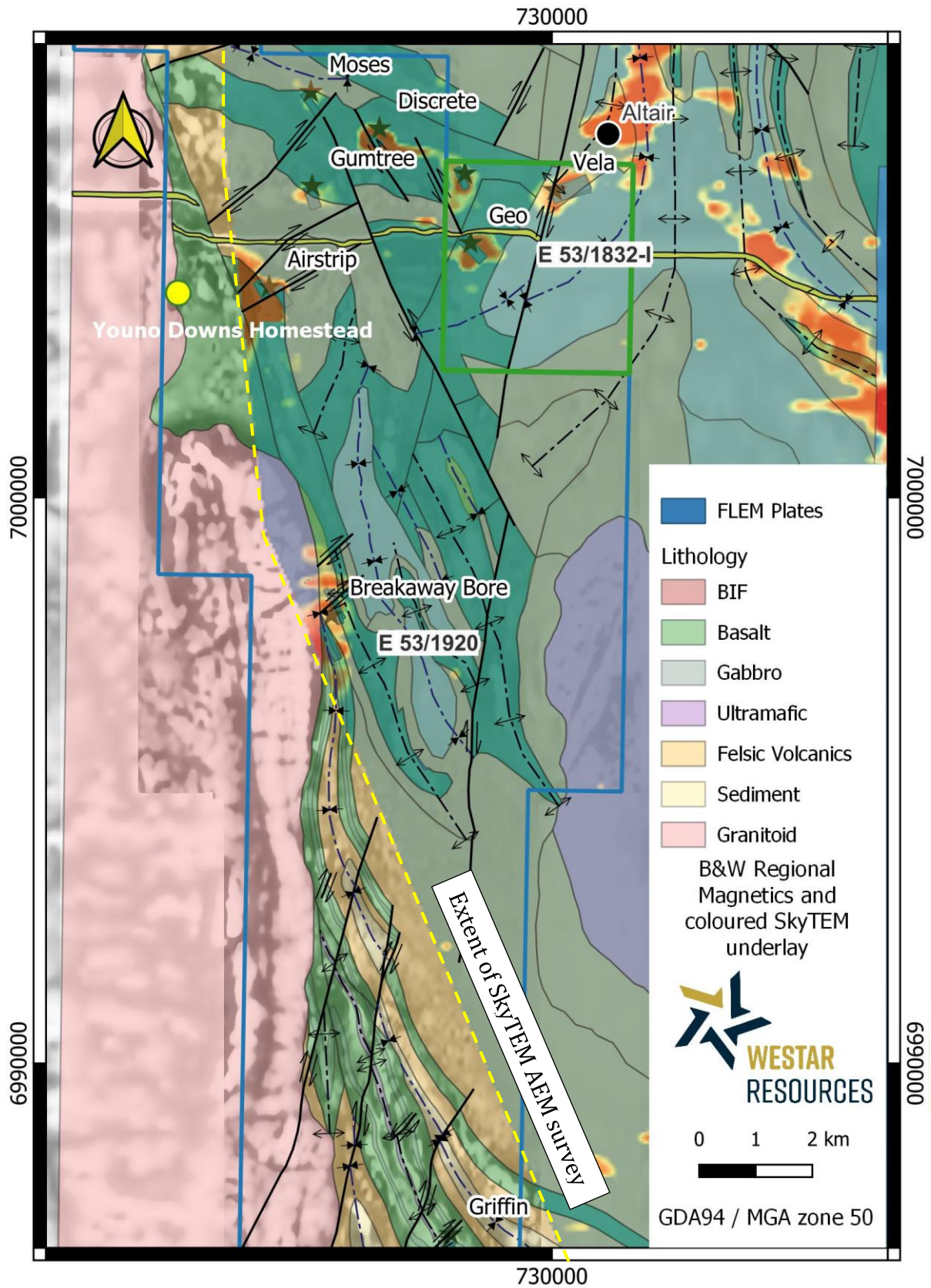


**Figure 1** – FLEM plates over SkyTEM anomalies and geology; Youno Downs camp, Gidgee North.

### Fixed Loop Electromagnetic Survey

A FLEM survey was completed in early 2022 to improve data quality and constraints on anomalous responses identified from a 2015 open file SkyTEM AEM survey. Nine SkyTEM anomalies and one geochemical anomaly were surveyed. Twelve EM anomalies across ten prospects were identified and modelled by specialist consultants, Newexco PL, with further details provided in JORC Table 1. Figure 2 illustrates prospects across the central and southern Gidgee North Project.

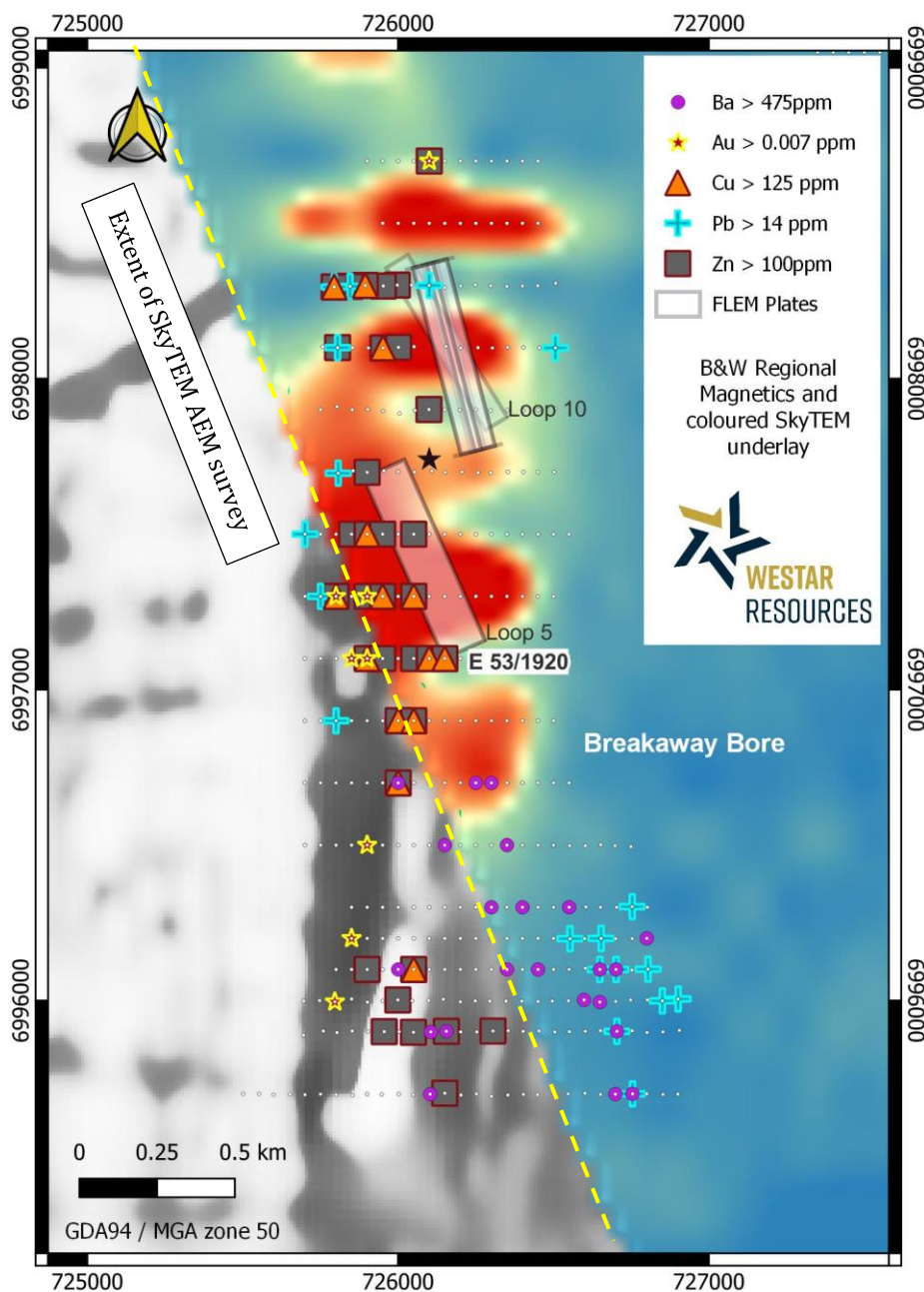
Importantly, the >11km of strike extent between the Breakaway Bore and Griffin prospects (geochemical anomaly) are not covered by the existing SkyTEM AEM dataset and have received only limited historical exploration, indicating substantial upside potential for additional targets.



**Figure 2** – Central and Southern Gidgee North Project with FLEM identified prospects.

## Geochemistry

A soil sampling program comprised of 537 samples was completed late in 2021 (Appendix 1) and extends upon existing and assay results reported on 4 October 2021, **“Gidgee North Base Metal and Gold Exploration Update”**). Multi-element assay results indicate distinct Cu, Zn, Pb and Ba anomalies that are spatially correlated to SkyTEM and FLEM targets, with these metals displaying a form of metal zonation that is commonly recognized in VMS mineralized systems. For example, soil geochemistry displayed below (Figure 3) at the Breakaway Bore prospect, exhibits an anomalous Cu core (with low level Au anomalism), over the main SkyTEM and FLEM targets, outwardly grading into Zn anomalism, then Pb/Ba anomalism.

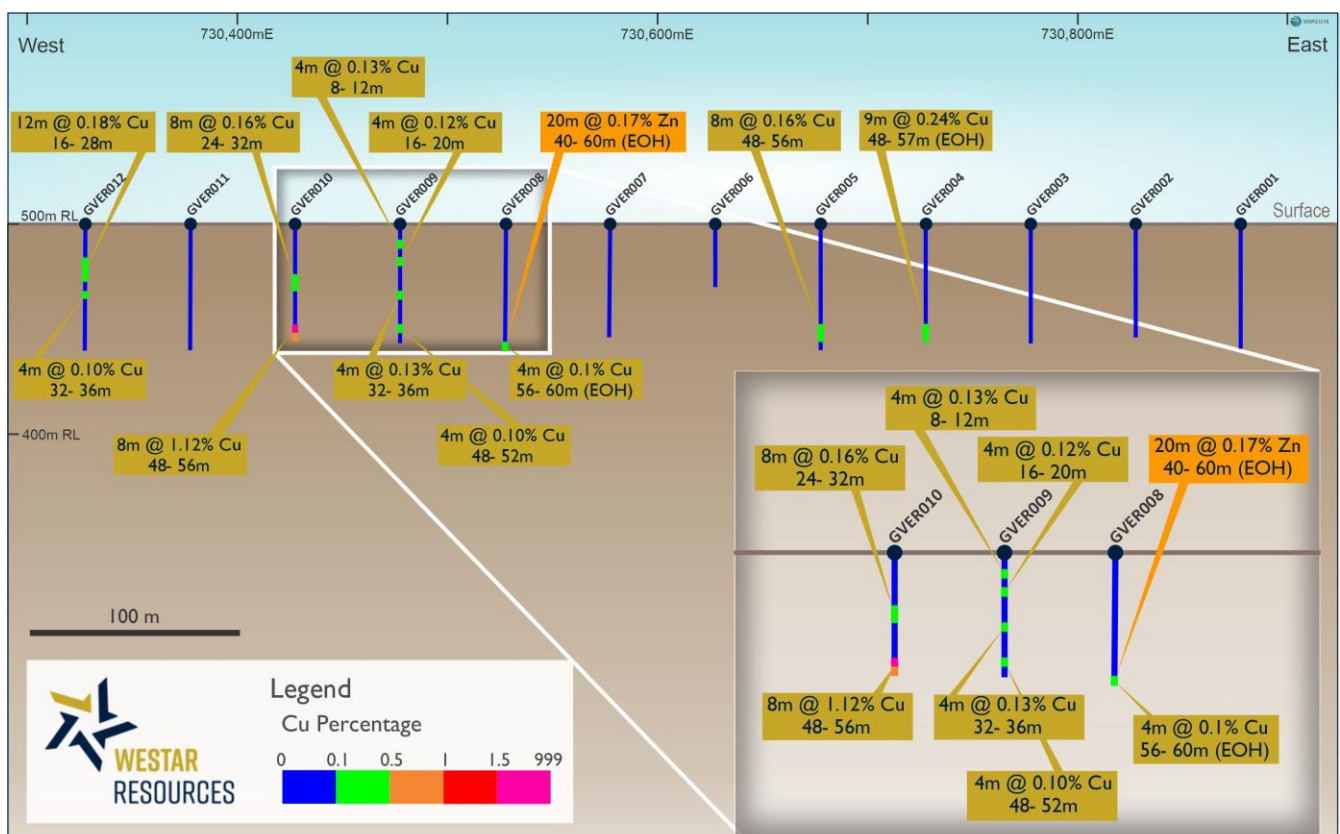


**Figure 3** – Breakaway Bore prospect with skyTEM and soil sampling geochemistry.

## Historical RAB Drilling

The Gidgee North Project has limited historical drilling, with significant results limited to drilling at the Vela prospect by Pancontinental Gold PL in 1994 (A 42623), that identified Cu-Zn mineralisation including:

- **8m @ 1.12% Cu from 48m (to EOH) (GVER010)**, including
  - **4m @ 1.65% Cu**
- **20m @ 0.17% Zn from 40m (to EOH) (GVER008)**



**Figure 4** - Historical drilling at the Vela Prospect with significant Cu and Zn intersections

## VMS Targets and Ranking

VMS targets have been systematically ranked based on commonly understood VMS system features, including;

1. **Presence of conductors in airborne and ground electromagnetic surveys.**
  - VMS systems contain a variety of sulphide minerals, including pyrrhotite that are electrically conductive.
2. **Presence of positivity gravity anomalies.**
  - Pervasive sulphide mineralogy of VMS systems are typically more dense than hosting lithologies.
3. **Presence of positive magnetic anomalies.**

- The abundant sulphides of VMS systems commonly contain magnetic minerals, such as pyrrhotite and chalcopyrite.
- VMS pathfinder geochemistry.**
    - Soil geochemistry (and VMS gossans) are typically enriched in Cu-Zn-Fe ± (Pb, Au, Ag, Ba) and may exhibit metal zonation.
  - Permissive host lithologies.**
    - Globally, VMS lithologies are dominantly Felsic or bimodal felsic-mafic/sedimentary. Felsic-mafic boundaries are a known favourable stratigraphic position for other VMS deposits in the Younami Terrane, including; Golden Grove Camp – 10.5Mt, Gossan Hill – 15.9 Mt (Hollis et al, 2017).
  - Permissive structures.**
    - Large VMS deposits are often associated with regional scale, high strain zones with spatial relationships with early crustal extensional structures (Bauer et al, 2014).
  - VMS deposits occur in Clusters.**
    - Most, but not all VMS deposits occur in Clusters that define major mining camps (Galley et al, 2007).

**Table 1** – Gidgee North VMS targets and ranking

FLEM Loop # PROSPECT	Target Ranking	Description
5 & 10 Breakaway Bore	1	<b>Geophysics:</b> Strong AEM anomaly on edge of SkyTEM survey, cat. 1 FLEM anomalies coincident with AEM and magnetic anomaly. Positive gravity high on edge of survey. <b>Geochemistry:</b> Anomalous base metals with Cu-rich core and Zn, Pb and Ba outer zonation. Felsic-mafic contact (Younami-style)
4 AIRSTRIP	2	<b>Geophysics:</b> Strong AEM anomaly, cat. 1 FLEM anomaly coincident with high magnetic anomaly. Gravity high NW-SE trend in s of FLEM plate <b>Geochemistry:</b> Appears zoned with Cu-rich core and Zn and Pb outer zonation. Au anomaly offset to S of Cu anomaly. Felsic-mafic contact (Younami-style)
6 VELA	3	<b>Geophysics:</b> Moderate AEM anomaly, cat. 1 FLEM anomaly. NNE-SSW trending gravity ridge <b>along strike from Altair prospect</b> , Regional mag only. <b>Geochemistry:</b> Historical AC drilling over prospect with results including 8m @ 1.12% Cu from 48m (to EOH – GVER010) & 20m @ 0.17% Zn from 40m (to EOH – GVER008)
1 DISCRETE	4	<b>Geophysics:</b> Very strong AEM anomaly, cat. 1 FLEM anomaly. Moderate magnetic signal. Gravity high in NW-SE trend. <b>Geochemistry:</b> anomalous Zn and Pb with possible stream shedding of Cu (?). Close to interpreted felsic-mafic contact.
3 GEO	5	<b>Geophysics:</b> Good AEM anomaly coincident with FLEM plate and moderate magnetic anomaly. Gravity high NE-SW trend. <b>Geochemistry:</b> No geochem. On stratigraphic boundary
2 NW GOSSAN	6	<b>Geophysics:</b> Strong AEM anomaly, cat. 1 FLEM anomaly coincident with high magnetic anomaly. Gravity high NW-SE trend in s of FLEM plate <b>Geochemistry:</b> no soil geochemistry, slightly elevated historical rock-chip Cu values
7 GUMTREE	7	<b>Geophysics:</b> , Moderate, broad AEM anomaly, cat. 1 FLEM anomaly. High mag anomaly, gravity high NW-SE trend on in N of FLEM plate.

		<b>Geochemistry:</b> Historical Geochem with low level Cu, Pu. On Felsic-mafic boundary
<b>8</b> <b>MOSES</b>	8	<b>Geophysics:</b> low AEM anomaly, cat. 1 FLEM anomaly. Moderate magnetic signal, flanking gravity high on NE side of FLEM plate. <b>Geochemistry:</b> Minimal historical data with low level Au and Zn anomalism.
<b>9</b> <b>GRIFFIN</b>	9	<b>Geophysics:</b> Broad, regional magnetic anomaly, cat. 1 FLEM anomaly. <b>Geochemistry:</b> Historical soils and rock-chip data with Cu anomalism.

## Next Steps

Westar is immediately progressing with drill planning, approvals and field preparation for a maiden RC drilling of high-priority targets at Gidgee North in early Q2 CY2022. A drilling contractor has already been secured.

Westar will also commence planning additional exploration activities including infilling datasets for airborne, ground gravity and geochemistry over prospective greenstone terrane between the Breakaway Bore and Griffin prospects.

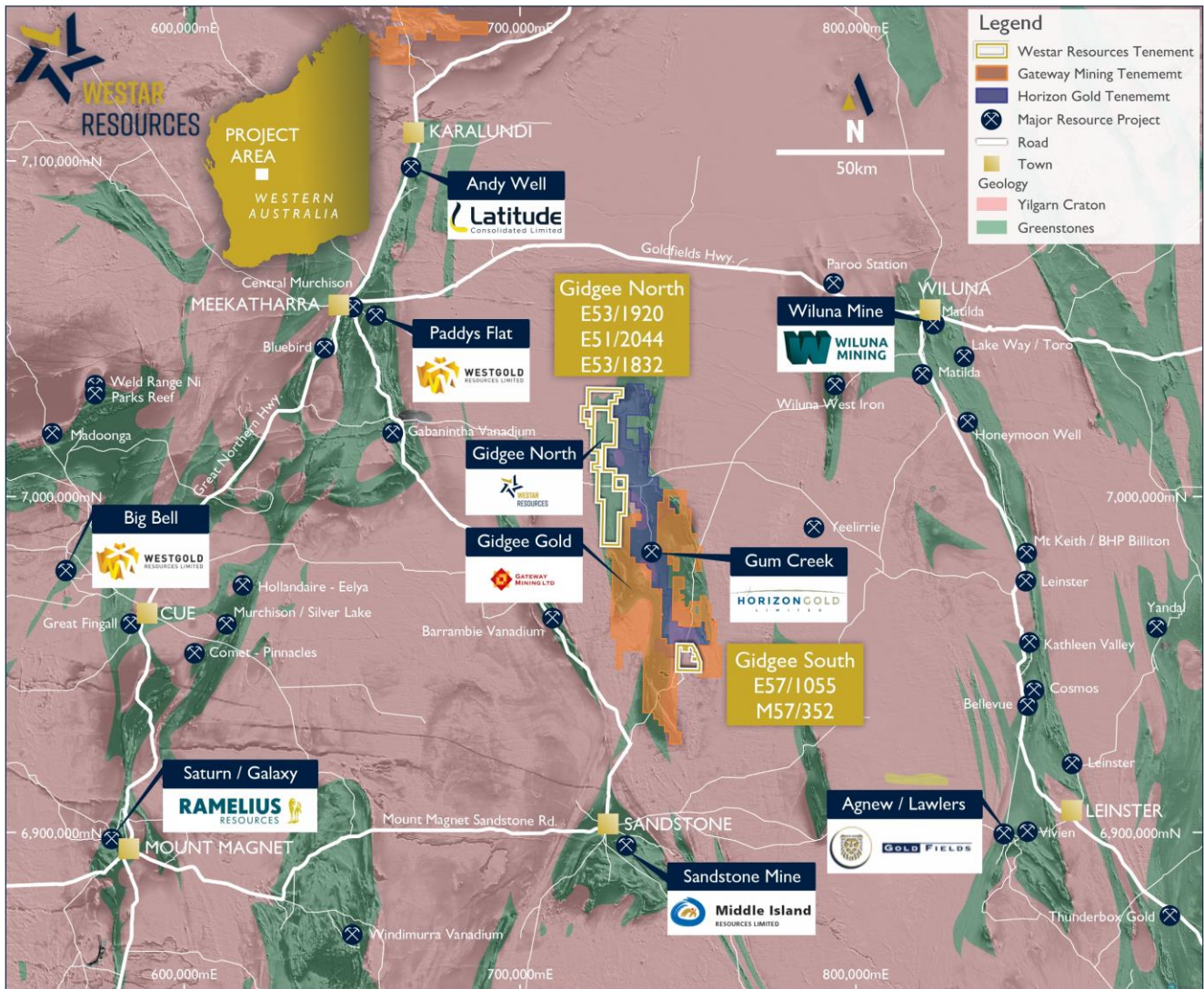
Westar has commenced a desk-top targeting review of gold targets over the Gidgee North Project based on known mineralisation styles in the Gum Creek Greenstone Belt and the Company's extensive datasets.

## BACKGROUND

The Gidgee North Project is located approximately 640km northeast of Perth in Western Australia. Gidgee North forms one of the two Sandstone Projects being Gidgee North (granted E53/1920 and E51/2044 that is under application) and Gidgee South (E57/1055, M57/352, P57/1363 and P57/1368) covering approximately 315 km<sup>2</sup>. The Projects lie within the Gum Creek Greenstone Belt of the Youami Terrane, which forms a lensed, broadly sinusoidal belt measuring some 100km in length and 24km in width. The Gum Creek Greenstone Belt has historically produced over 1M Oz of gold and hosts over 1.35 M Oz of gold Mineral Resource<sup>1</sup>.

Previous exploration over the Gidgee North Project was largely focused on near mine environs or known shear zones and structures, with more regional exploration comprising limited, shallow rotary air blast (RAB) and soil geochemical sampling programs. Various targets have been defined within the current Project tenures by former explorers, many of which are considered by Westar to remain inconclusively tested. In addition, large areas of the Project remain essentially unexplored despite covering favourable geological and structural settings.

<sup>1</sup> ASX announcement Horizon Gold (ASX:HRN) 10 March 2021, "Investor Presentation"



**Figure 5 - Sandstone Projects Locality Map and Westar's Gidgee North and Gidgee South Projects**

References:

Bauer, T., *et al*, 2014, Correlation between distribution and shape of VMS deposits and regional deformation patterns, Skellefte district, northern Sweden. *Miner Deposita* 49, p 555-573

Galley, A.G., *et al*, 2007, Volcanogenic massive sulphide deposits, in Goodfellow, W.D., ed., *Mineral Deposits of Canada: A Synthesis of Major Deposit-Types, District Metallogeny, the Evolution of Geological Provinces, and Exploration Methods*: Geological Association of Canada, Mineral Deposits Division, Special Publication No. 5, p. 141-161

Hollis, S.P., *et al*, 2017, VMS mineralization in the Yilgarn Craton, Western Australia: a review of known deposits and prospectivity analysis of felsic volcanic rocks: Geological Survey of Western Australia, Report 165, 68p



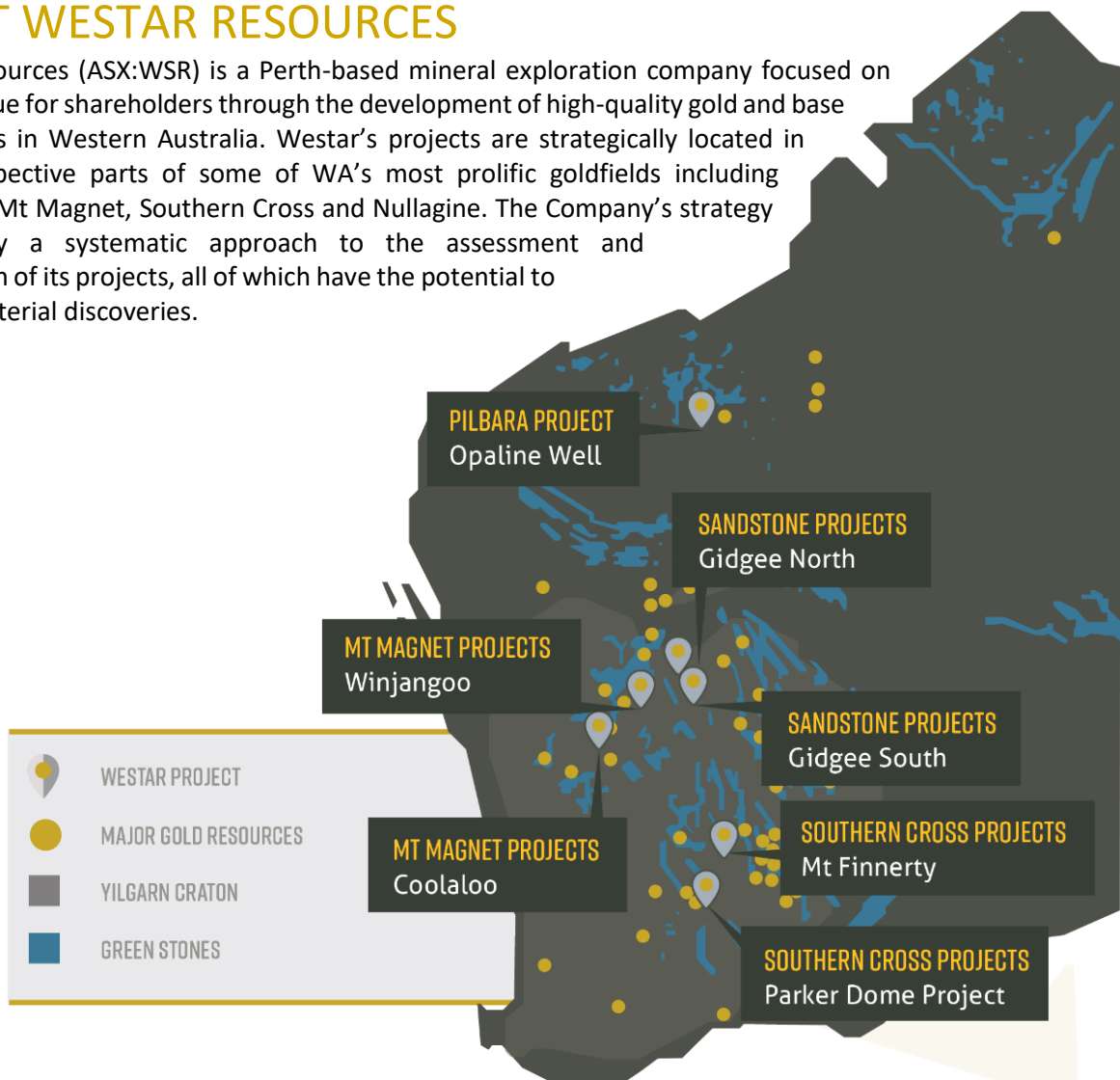
For the purpose of Listing Rule 15.5, this announcement has been authorised by the board of Westar Resources Ltd.

## ENQUIRIES

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## ABOUT WESTAR RESOURCES

Westar Resources (ASX:WSR) is a Perth-based mineral exploration company focused on creating value for shareholders through the development of high-quality gold and base metal assets in Western Australia. Westar's projects are strategically located in highly prospective parts of some of WA's most prolific goldfields including Sandstone, Mt Magnet, Southern Cross and Nullagine. The Company's strategy is to apply a systematic approach to the assessment and prioritisation of its projects, all of which have the potential to produce material discoveries.



### COMPETENT PERSON STATEMENT

The information in this announcement that relates to exploration results is based on and fairly represents information compiled by Jeremy Clark, a competent person who is a member of the AusIMM. Jeremy Clark is the sole director of Lily Valley International Pty. Ltd. Jeremy Clark has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves. Jeremy Clark consents to the inclusion in this announcement of the matters based on his work in the form and context in which it appears.

## Gidgee North FLEM data

### JORC Code, 2012 Edition – Table 1 report

### Section 1 Sampling Techniques and Data

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

<b>Criteria</b>	<b>Commentary</b>
<i>Sampling techniques</i>	<p>Newexco were engaged by Westar Resources Ltd to design a Fixed Loop Electromagnetic survey (FLEM) programme at the Gidgee North E52/1920 and Geoff Well E53/1832 tenements (near Sandstone, WA). The Survey was completed between January 4<sup>th</sup>-30<sup>th</sup> 2022 by Vortex Geophysics (VG). The survey was designed primarily to improve data quality and constraints on anomalous responses identified from the 2015 SkyTEM AEM survey.</p> <p>The FLEM survey parameters are as follows;</p> <ul style="list-style-type: none"> <li>•Loop Dimensions: 200x200m</li> <li>•Loop Turns: 1</li> <li>•Station Spacing:50m</li> <li>•Frequency: 1Hz</li> <li>•Transmitter: Vortex VTX 100</li> <li>•Max/Current Voltage:200 Volts</li> <li>•Receiver: SMARTem24</li> </ul>
<i>Drilling techniques</i>	Not Applicable, no new drilling is being reported in this announcement.
<i>Drill sample recovery</i>	Not Applicable, no new drilling is being reported in this announcement.
<i>Logging</i>	Not Applicable, no new drilling is being reported in this announcement.
<i>Sub-sampling techniques and sample preparation</i>	Not Applicable, no new drilling is being reported in this announcement.
<i>Quality of assay data and laboratory tests</i>	Field data was inspected for repeatability and consistent decays. Where multiple recordings were made and differed significantly, the outlying record was deleted using Agent99 and other proprietary software. On particularly noisy stations, raw time series data were inspected for noise and where applicable individual pulses were rejected from the series.
<i>Verification of sampling and assaying</i>	Not Applicable, no new drilling is being reported in this announcement.
<i>Location of data points</i>	Each station was located using the GDA94, MGA50 with a GPS programmed with this datum (+/- 5m). Stations were located with minimal flagging.
<i>Data spacing and distribution</i>	200x200m single turn loops covering a total of 14350m
<i>Orientation of data in relation to geological structure</i>	FLEM surveys are performed by inducing an electrical current into a large transmitter (Tx) wire loop on the surface, laid out in a rectangular shape. This produces a large EM field known as the primary EM field. The location of the Tx loop is important and is positioned so that the primary EM field directions electrically couple with the target orientations (i.e. are not parallel to the target orientation). The primary EM field interacts with conductive regolith and conductive bedrock bodies, which in turn create secondary EM fields that decay with respect to time.
<i>Sample security</i>	Not Applicable, no new drilling is being reported in this announcement.
<i>Audits or reviews</i>	Data was reviewed and interpreted by third party geophysical consultant Newexco Exploration Pty Ltd.

## Gidgee North FLEM data

### JORC Code, 2012 Edition – Table 1 report

### Section 2 Reporting of Exploration Results

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

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<p>Surveys were conducted on tenements E53/1920 which is 100 owned by Imperator Resources Pty Ltd, a subsidiary of Westar Resources Limited and E53/1832 which is under a farm-in / JV agreement, previously announced to the ASX.</p> <p>The Gidgee North Project is located on granted Exploration Licence 53/1920 located approximately 100km north of Sandstone in Western Australia. The Yugunga-Nya People, represented by Yamatji Marlpa Aboriginal Corporation, have native title to an area that overlaps the northern half of the exploration lease. The lease intercepts four pastoral stations. Gravel road access is available from from the towns of Wiluna and Sandstone.</p> <p>The tenement is current and in good standing with the Department of Mines, Industry Regulation and Safety (DMIRS) of Western Australia.</p>
<i>Exploration done by other parties</i>	<p>Previous exploration has been undertaken by Companies including Rafaella Resources Ltd, Dominion Mining, Panoramic Gold, Legend Mining, Arimco Mining, Gateway Mining, CRA Exploration, Cyprus Minerals Australia, Mayan Iron Corporation, Australian Gold Resources, Apex Minerals and others. This previous exploration has included airborne magnetic, radiometric and SkyTEM airborne EM surveys, rock chip sampling, soil sampling, auger sampling, RAB drilling and Aircore drilling.</p>
<i>Geology</i>	<p>The Gidgee North Project lies within the Gum Creek Greenstone Belt, which forms a lensoid, broadly sinusoidal belt measuring some 110 km in length and 24 km in width. It is dominated by volcanic and sedimentary sequences and surrounded by intrusive granitoids, which contain rafts of greenstone. The margins of the belt are typically dominated by contact-metamorphosed basalts and banded iron formations (BIF).</p>
<i>Drill hole Information</i>	<p>Not applicable, no new drill hole information is reported</p>
<i>Data aggregation methods</i>	<p>Not applicable, no drill assay or similar interval results are reported.</p>
<i>Relationship between mineralisation widths and intercept widths</i>	<p>No drill assay or similar interval results are reported, however, the primary criteria used for anomaly selection and prioritisation by Newexco PL were:</p> <ol style="list-style-type: none"> <li>Good spatial definition. Coherent response over several stations along a line.</li> <li>Good decay shape. A clear exponential decay evident in the presence of the host power-law decay response.</li> <li>Estimated time constant from decay rate. Calculated over several late-time channels.</li> <li>Corroborating spatial response from orthogonal components where recorded e.g. Fluxgate Bx and By.</li> <li>Supporting evidence from neighbouring lines where appropriate line spacing was recorded.</li> </ol> <p>Anomalies are ranked by Newexco PL as follows:</p> <p><b>Category 1:</b> Highest priority. A well defined anomaly demonstrating all of the primary criteria. Anomalies ranked as 1 warrant immediate consideration as a drill target.</p> <p><b>Category 2:</b> Moderate priority. Displays good TEM characteristics overall but has some detractive quality, possibly 2 of the 3 primary criteria or, geological knowledge such as a proximity to a conductive black shale or several drill holes in the area. Category 2 anomalies may warrant drill testing where supported by encouraging additional information such as geochemical anomalism, or geological favourable position.</p>



	<b>Category 3:</b> Low priority. A poorly defined anomaly displaying just one of the three primary criteria. Category 3 anomalies do not warrant drill testing without additional (better quality) EM data to confirm the response, regardless of other encouraging information.
<i>Diagrams</i>	Suitable maps and diagrams have been included in the body of the announcement.
<i>Balanced reporting</i>	Key results and conclusions have been included in the body of the announcement.
<i>Other substantive exploration data</i>	A SkyTEM AEM survey was flown over part of the project by Panoramic resources in 2015. In 2021 Westar completed detailed mapping, soil sampling and rock chip sampling over one priority conductor.
<i>Further work</i>	The FLEM data is being compiled and interpreted with other Westar datasets. A maiden RC drilling campaign is currently being considered. Other future work is likely to include additional geochemistry and geophysics over Westar’s tenure.

**Notes on JORC Table 1:**

Investors should note that exploration techniques and information in relation to this project has been previously announced, with:

- Information pertaining to JORC Table 1 report for Magnetic, Radiometric and DEM Geophysical Survey) reported in WSR announcement 15 July 2021, “**Conductors Prospective for Base Metals – Gidgee North**”
- Information pertaining to JORC Table 1 report for SkyTEM electromagnetic and DEM Geophysical Survey (Open file data) reported in WSR announcement 15 July 2021, “**Conductors Prospective for Base Metals – Gidgee North**”
- Information pertaining to JORC Table 1 report for WSR soil sampling and geochemical data collection methodologies reported in WSR announcement 4 October 2021, “**Gidgee North – Base Metal and Gold Exploration Update**”.

## APPENDIX 1 – Soil Sample Geochemistry

Sample ID	Easting	Northing	Au ppm	Ag ppm	As ppm	Ba ppm	Pb ppm	Zn ppm	Cd ppm	Cu ppm	Co ppm	Mn ppm	Mg (%)	Ni ppm
GNS0001	726900	6995699	0.001	0.03	12.9	40	11.2	26	0.02	31.7	4.7	170	0.04	16.9
GNS0002	726852	6995698	<0.001	0.03	17.8	20	9.7	21	0.01	37.8	4	107	0.02	16.1
GNS0003	726800	6995700	<0.001	0.03	22.3	330	12.2	23	0.01	40.6	4.6	135	0.02	17.3
GNS0004	726754	6995700	<0.001	0.03	15.9	1210	14.8	20	0.01	33.6	10.4	1215	0.03	15.8
GNS0005	726699	6995699	0.001	0.03	21.3	1450	11.5	20	0.01	37.9	4.3	107	0.02	17.8
GNS0006	726651	6995698	0.001	0.02	11.1	110	8.1	16	0.01	27.7	3.2	80	0.02	13.2
GNS0007	726601	6995702	0.001	0.02	9.8	130	8.2	20	0.01	27.2	5.9	141	0.08	20.6
GNS0008	726547	6995700	0.001	0.02	23.6	80	10.2	17	0.01	34.4	3.9	81	0.03	15.4
GNS0009	726503	6995699	0.001	0.04	37	80	13.2	20	0.01	41.6	14.2	437	0.02	19.2
GNS0010	726448	6995697	<0.001	0.03	35	50	12	23	0.01	48.2	10.2	387	0.03	19.6
GNS0011	726403	6995698	<0.001	0.04	20.1	30	11.8	21	0.01	56.3	5	86	0.02	21.1
GNS0012	726353	6995696	<0.001	0.02	8.5	20	9.9	11	<0.01	25.2	7.2	164	0.01	15.9
GNS0013	726300	6995692	<0.001	0.02	6.3	10	9.6	11	<0.01	20.5	2.9	103	0.01	10.5
GNS0014	726252	6995700	<0.001	0.03	9.6	10	8	15	0.01	35.8	3.7	80	0.01	16
GNS0015	726202	6995696	<0.001	0.01	7.7	10	6.3	15	<0.01	26.7	4.6	109	0.01	14.8
GNS0016	726150	6995702	<0.001	0.02	18.4	30	7.9	45	0.01	110.5	11.2	142	0.02	51.9
GNS0017	726103	6995699	<0.001	0.02	7.4	920	6.9	29	0.01	77.8	21.4	533	0.08	48.3
GNS0018	726048	6995697	0.003	0.03	4.6	90	6.2	27	0.07	55.6	14.3	471	0.14	43
GNS0019	726002	6995699	0.002	0.02	4.4	70	11	29	0.06	61.8	14	454	0.14	39.3
GNS0020	725947	6995698	0.002	0.03	5.1	90	7	51	0.09	74.7	17.8	708	0.17	61.4
GNS0021	725900	6995699	0.002	0.03	7.5	50	8.6	51	0.1	57.3	26.7	773	0.23	225
GNS0022	725853	6995695	0.001	0.03	5.3	60	13.8	41	0.05	56	21.8	735	0.12	90.2
GNS0023	725800	6995697	0.001	0.03	5.3	60	13.6	38	0.09	48.9	20.8	745	0.14	113
GNS0024	725750	6995699	0.001	0.03	5	60	10.1	35	0.04	43.9	16.6	502	0.06	55.5
GNS0025	725700	6995697	0.001	0.03	5.8	100	9.2	31	0.04	44.5	18.3	874	0.05	50.2
GNS0026	725652	6995699	<0.001	0.02	5.7	30	9.2	26	0.02	37.8	12	380	0.05	35.8
GNS0027	725599	6995697	0.001	0.02	4.6	40	9.2	23	0.02	34.3	12.8	535	0.04	32.4
GNS0028	725552	6995700	<0.001	0.01	3.9	30	8.2	20	0.01	27.2	8.1	332	0.04	24.6
GNS0029	725501	6995700	0.001	0.02	3	40	8	19	0.03	31.4	10.4	420	0.07	27.4
GNS0030	725695	6995889	0.001	0.03	5.2	30	7.4	25	0.04	48.2	11.6	346	0.08	48.9
GNS0031	725759	6995902	0.002	0.02	4.3	50	11.2	33	0.04	50.1	17.2	634	0.1	51.7
GNS0032	725803	6995897	0.001	0.03	5.9	50	9.8	42	0.1	64.2	20.4	700	0.12	76.2
GNS0033	725852	6995902	0.001	0.03	6.5	60	8.2	36	0.07	61.6	21.9	644	0.12	103
GNS0034	725903	6995900	0.002	0.03	6.9	80	7.8	42	0.09	67.2	34.8	944	0.17	253
GNS0035	725955	6995900	0.002	0.05	11.2	50	8.4	73	0.08	102.5	39.5	817	0.11	246
GNS0036	726003	6995900	0.001	0.04	4.5	60	7.4	29	0.07	90.6	16	495	0.18	39.2
GNS0037	726049	6995898	0.001	0.04	4	80	6.6	24	0.06	101	18.5	533	0.14	37.3
GNS0038	726105	6995899	0.001	0.01	6.7	620	5.9	41	0.03	81.3	13.8	375	0.1	52.6
GNS0039	726155	6995901	0.001	0.02	12.3	860	7.5	39	0.02	113.5	6.7	114	0.06	37.1
GNS0040	726201	6995899	<0.001	0.02	11.9	40	9.9	29	0.02	86.9	5.5	123	0.04	21.9
GNS0041	726253	6995899	<0.001	0.03	16.4	450	10.4	30	0.02	64.8	4.5	147	0.05	20.3
GNS0042	726305	6995902	0.001	0.04	43.7	80	11.7	39	0.05	106	12	660	0.03	26.7
GNS0043	726354	6995903	0.001	0.05	76.9	150	12.6	35	0.03	82.8	18.5	1240	0.04	24.9
GNS0044	726402	6995901	0.001	0.04	86	20	10.8	28	0.01	62.8	5.3	106	0.02	22.5
GNS0045	726453	6995902	0.001	0.02	26.9	10	8.7	18	<0.01	40.7	3.9	88	0.02	17
GNS0046	726504	6995899	0.001	0.02	12.8	20	8.5	15	<0.01	34.1	3.9	98	0.02	15.9
GNS0047	726551	6995900	0.002	0.02	12.7	20	8.7	19	0.01	36	4	90	0.03	17.4
GNS0048	726602	6995901	0.002	0.01	6.3	200	7	12	<0.01	25.5	3.3	63	0.05	14.5
GNS0049	726651	6995903	0.001	0.02	15.6	50	11.1	19	0.01	38.1	3.7	97	0.02	15.8
GNS0050	726704	6995901	0.001	0.03	20.9	1130	15	21	0.02	44.6	4.4	154	0.03	17.6
GNS0051	726704	6995901	<0.001	0.02	20.7	1080	14.2	22	0.01	44.1	4.5	137	0.03	18.8
GNS0054	726753	6995903	0.003	0.03	19.2	300	10.9	19	0.01	38.2	3.8	92	0.02	15.6
GNS0055	726801	6995897	0.001	0.03	19.2	200	12.8	22	0.02	37.3	20	1475	0.03	17.6
GNS0056	726852	6995899	0.001	0.03	23.5	20	11.9	21	0.01	42.6	4.6	96	0.02	16.9

GNS0057	726905	6995904	0.001	0.04	19.4	20	12.2	21	0.01	37	4.4	88	0.02	16.3
GNS0058	726901	6996005	0.001	0.05	24.5	30	16	22	0.01	41.6	5.7	126	0.02	18.4
GNS0059	726850	6995999	0.001	0.04	20.9	180	15.2	21	0.02	37.8	17.6	1255	0.03	19.1
GNS0060	726802	6996002	0.001	0.04	21.8	70	13.7	21	0.03	41.1	14.8	590	0.03	19.3
GNS0061	726748	6996002	0.001	0.02	20.1	30	11.4	18	0.01	36.6	11.4	310	0.02	17.1
GNS0062	726700	6995997	0.001	0.03	23.8	280	12.7	22	0.02	45.2	4.9	134	0.02	17.8
GNS0063	726649	6995995	0.002	0.02	10.3	1390	10.8	16	0.01	32.1	3.4	119	0.03	14.4
GNS0064	726598	6996002	0.002	0.01	10.7	510	9.5	16	0.01	35.2	3.3	88	0.03	13.8
GNS0065	726548	6995999	0.001	0.02	12.4	30	8.6	21	0.01	34.1	4	139	0.04	16.2
GNS0066	726496	6995998	0.001	0.02	13.2	30	7.5	18	0.01	35.3	3.5	91	0.02	16
GNS0067	726450	6995997	0.002	0.02	18	20	8.6	20	0.01	40.1	3.8	94	0.01	18.1
GNS0068	726398	6995998	0.001	0.02	22.9	10	8.1	17	0.01	34.5	3.4	104	0.02	15.1
GNS0069	726347	6995998	0.001	0.03	132	30	12.2	31	0.01	70.8	10.8	333	0.02	24.4
GNS0070	726295	6995998	0.001	0.02	70.7	30	11.4	31	0.02	71.1	5.2	216	0.02	19.6
GNS0071	726248	6995999	<0.001	0.02	63.4	30	11.4	33	0.02	80.9	5.6	231	0.03	19.4
GNS0072	726200	6995996	0.001	0.02	17.5	50	9.8	26	0.02	66.6	7.5	363	0.05	22.7
GNS0073	726145	6996004	0.001	0.01	11.7	110	9.1	29	0.03	71.8	7.8	610	0.05	24.6
GNS0074	726098	6996000	0.001	0.02	7.9	40	7.4	33	0.03	58.3	7.8	265	0.05	39.1
GNS0075	726045	6995999	<0.001	0.02	5.9	80	6.9	68	0.04	85.6	18	406	0.12	99.9
GNS0076	725999	6996002	0.001	0.03	10.8	70	10.7	59	0.04	110.5	17.8	357	0.05	86.4
GNS0077	725950	6995999	0.001	0.02	9.4	80	7.3	46	0.05	71.2	42.2	731	0.21	273
GNS0078	725901	6995995	0.002	0.03	5.7	70	7.2	39	0.06	57.1	19.1	600	0.16	102
GNS0079	725850	6996005	0.003	0.04	2.8	50	4.9	20	0.06	80.9	15.4	486	0.17	42.8
GNS0080	725796	6995996	0.012	0.04	2.9	70	5.8	23	0.07	69.7	17.6	737	0.17	25
GNS0081	725747	6996000	0.001	0.01	2.5	30	7.7	17	0.01	18.4	5.1	314	0.04	10.1
GNS0082	725696	6995998	<0.001	0.02	2	50	10.8	16	0.02	13.8	4.2	491	0.03	6.4
GNS0083	725807	6997696	0.001	0.02	2.5	30	17	13	0.03	16	6.8	525	0.03	7.4
GNS0084	725855	6997704	0.007	0.04	3	50	7.1	34	0.07	81.8	16.8	763	0.16	27.9
GNS0085	725900	6997699	0.004	0.04	11.6	70	8	139	0.08	106.5	46.5	749	0.2	84.2
GNS0086	725954	6997704	0.004	0.02	5.9	50	5.8	34	0.05	69	9	211	1.37	28.3
GNS0087	726000	6997701	0.002	0.02	3.7	60	5.3	44	0.04	88.2	18.4	332	0.15	36.8
GNS0088	726052	6997700	0.001	0.01	4.1	150	6	45	0.04	91.4	29.1	495	0.18	39.6
GNS0089	726108	6997703	0.001	0.01	4.8	120	6.7	33	0.02	62.2	13.8	291	0.08	26.3
GNS0090	726151	6997699	0.001	0.01	6.4	50	7.1	39	0.02	71.2	11.3	117	0.05	28.7
GNS0091	726205	6997700	0.001	0.01	10	100	8.1	29	0.03	60.1	7.4	390	0.08	18.5
GNS0092	726257	6997698	0.002	0.01	6.3	80	7.9	33	0.05	46.4	8.6	395	0.18	31
GNS0093	726298	6997698	0.001	0.01	5.5	220	8.1	35	0.02	45.3	12.4	437	0.17	34.6
GNS0094	726353	6997700	0.001	0.01	6.9	330	8.7	27	0.02	35.3	10.6	305	0.08	24.3
GNS0095	726403	6997700	0.001	0.01	5.8	150	10	37	0.03	40.2	13.9	715	0.08	30.6
GNS0096	726450	6997700	0.001	0.01	5.2	260	9	41	0.06	38.3	13.4	860	0.11	31.3
GNS0097	726502	6997700	<0.001	0.01	5.4	90	11	40	0.07	40.9	12.6	814	0.07	26.3
GNS0098	726506	6997903	0.002	0.01	5.1	40	9.9	34	0.02	43.1	9.4	413	0.57	28.3
GNS0099	726450	6997899	<0.001	0.01	7.1	70	8.7	41	0.05	47.2	14.2	649	0.21	45.7
GNS0100	726402	6997898	0.001	0.01	7.5	50	8	38	0.05	48.1	14.6	593	0.12	29.7
GNS0101	726402	6997898	0.001	0.01	7.4	50	8.3	39	0.05	49.2	14.8	580	0.14	30.9
GNS0104	726351	6997899	0.001	0.01	5.8	90	7.9	34	0.06	41.2	10.8	473	0.18	25.8
GNS0105	726297	6997898	0.001	0.01	5.5	60	10	36	0.03	34.4	18.6	725	0.09	21.7
GNS0106	726250	6997900	<0.001	0.01	7.2	20	10.6	39	0.03	52	8.4	183	0.04	23.4
GNS0107	726198	6997899	<0.001	0.01	12.9	40	11.2	46	0.04	84.7	12.2	550	0.05	25
GNS0108	726150	6997900	0.001	0.01	18.8	180	9.7	42	0.11	89.3	8.2	473	0.26	23.4
GNS0109	726099	6997901	0.001	0.01	59.9	50	10	29	0.04	110	8	425	0.17	20.5
GNS0110	726054	6997898	<0.001	0.01	6.2	30	7.1	35	0.02	60.9	10.4	246	0.08	18.7
GNS0111	726004	6997888	<0.001	0.01	4.1	50	6.7	56	0.04	95.5	17	655	0.2	34.9
GNS0112	725951	6997896	<0.001	0.01	4.3	70	8.2	59	0.05	70.1	16.1	844	0.19	30.6
GNS0113	725902	6997901	<0.001	0.01	4.2	40	7.3	48	0.03	70.5	14.7	322	0.07	25.1
GNS0114	725852	6997900	0.001	0.02	5.4	40	8.7	88	0.03	93.4	20.2	386	0.17	35.1
GNS0115	725803	6997910	0.001	0.03	8.5	50	9.5	55	0.05	80.3	18.9	593	0.07	25.1
GNS0116	725750	6997900	<0.001	0.03	5.1	50	11.4	45	0.03	52.7	10	377	0.04	19
GNS0117	725757	6998103	<0.001	0.03	2.6	30	12.1	20	0.02	27.6	5.5	158	0.04	9.9
GNS0118	725805	6998100	<0.001	0.02	3.6	70	16.5	67	0.04	100.5	13.5	274	0.23	39.4
GNS0119	725853	6998100	0.001	0.01	4.5	30	9.1	45	0.04	74.5	14.5	475	0.12	32.5
GNS0120	725904	6998099	<0.001	0.02	3	60	6.1	62	0.05	90.1	19.7	616	0.25	34.6
GNS0121	725951	6998099	0.001	0.04	3	40	4.6	82	0.06	125.5	20.7	338	0.56	54.7
GNS0122	726001	6998101	0.001	0.03	4.6	80	7.9	141	0.13	100	26.2	520	0.81	68.6

GNS0123	726051	6998103	<0.001	0.01	3.5	90	4.5	40	0.05	91.1	17.4	496	0.41	38.7
GNS0124	726099	6998099	NS											
GNS0125	726154	6998104	<0.001	0.03	8	60	9.2	90	0.09	90	21.6	556	0.11	36.6
GNS0126	726201	6998099	<0.001	0.02	6.5	30	10.8	50	0.03	53.3	16.4	521	0.06	26.1
GNS0127	726257	6998100	<0.001	0.02	7.2	110	9.8	58	0.14	54.5	15.6	918	0.09	39.5
GNS0128	726303	6998099	<0.001	0.01	6.9	160	8.3	37	0.04	54.2	13.4	631	0.13	33.1
GNS0129	726352	6998101	0.001	0.01	6.5	120	8.2	40	0.08	59.1	14.6	903	0.26	38.1
GNS0130	726403	6998101	<0.001	0.01	8	60	9	34	0.07	54.9	12.9	815	0.07	25.3
GNS0131	726454	6998099	<0.001	0.01	5.7	50	10.4	48	0.05	39.2	13.6	640	0.14	23.4
GNS0132	726506	6998099	0.001	0.01	4.5	130	21.5	72	0.08	41.3	13.2	1475	0.49	35.2
GNS0133	726507	6998307	0.001	0.01	3.2	100	8.2	22	0.02	22.3	9.6	304	0.15	21.9
GNS0134	726449	6998299	0.001	0.01	6.1	30	9.6	26	0.02	31.7	7.8	268	0.06	15.7
GNS0135	726400	6998298	<0.001	0.01	5.5	80	9.4	32	0.02	34.7	12	509	0.06	16.1
GNS0136	726350	6998297	0.001	0.01	3.8	110	7.9	66	0.08	75.4	35.4	1500	0.26	36.3
GNS0137	726298	6998299	<0.001	0.01	3.7	90	6.6	36	0.07	45.7	27.3	1305	0.21	34.8
GNS0138	726248	6998302	<0.001	0.02	12.6	50	11.3	38	0.1	57.6	18.3	798	0.09	21.2
GNS0139	726201	6998298	<0.001	0.01	10.5	40	11.1	39	0.05	65.9	13.2	439	0.07	17.2
GNS0140	726150	6998293	<0.001	0.01	7.6	80	9.3	21	0.02	46.5	4.6	119	0.05	9.8
GNS0141	726100	6998300	<0.001	0.03	34.3	40	21.6	20	0.03	64.7	6.3	187	0.07	11.4
GNS0142	726043	6998301	<0.001	0.02	9.1	40	7.6	26	0.03	63.9	11.9	348	0.1	20.8
GNS0143	725997	6998301	<0.001	0.02	4	60	6.2	60	0.05	105	19.8	454	0.34	47.5
GNS0144	725952	6998298	<0.001	0.02	2.9	100	5.6	48	0.07	116.5	42	1020	0.24	69
GNS0145	725894	6998300	0.001	0.02	1.6	80	7.7	67	0.05	192	22.9	393	0.64	101
GNS0146	725845	6998297	<0.001	0.02	4.2	40	66.5	247	0.1	113	32.4	642	0.31	48.9
GNS0147	725794	6998295	<0.001	0.05	4.8	140	28.8	155	0.07	128.5	23.6	268	0.6	60.9
GNS0148	727303	7004700	<0.001	0.03	13	50	11.1	32	0.04	42.1	13	706	0.04	21.3
GNS0149	727297	7004750	<0.001	0.03	12.8	80	13.9	38	0.05	43.9	16.5	769	0.06	21.7
GNS0150	727303	7004798	<0.001	0.03	10.6	60	11.6	39	0.04	43.7	11.8	518	0.05	22.2
GNS0151	727303	7004798	<0.001	0.03	12.8	60	11.9	40	0.05	42.9	11.9	523	0.05	23
GNS0154	727304	7004853	0.002	0.03	12.4	70	13.3	40	0.04	48.1	14.9	632	0.05	24
GNS0155	727306	7004901	<0.001	0.03	11.4	140	13.2	42	0.08	45.7	17	1255	0.06	24.5
GNS0156	727302	7004952	<0.001	0.03	12.5	60	13.2	44	0.07	46.7	13.6	609	0.05	25.3
GNS0157	727303	7004999	<0.001	0.03	9.7	30	11.7	36	0.03	43.1	13.8	631	0.05	21.8
GNS0158	727306	7005054	<0.001	0.03	10.2	100	13.1	37	0.04	44.5	17.5	859	0.05	21.7
GNS0159	727302	7005100	<0.001	0.03	9.8	120	13	37	0.03	42.2	19.3	1015	0.05	22
GNS0160	727305	7005147	<0.001	0.03	9	60	13.4	36	0.02	42.8	15.4	530	0.04	21.7
GNS0161	727300	7005198	<0.001	0.02	7.2	150	13.9	39	0.05	38.6	24.3	1605	0.06	20.5
GNS0162	727301	7005258	<0.001	0.02	6.5	80	11.6	35	0.04	34.8	17.2	891	0.04	17.9
GNS0163	727299	7005300	<0.001	0.02	5.9	80	10.9	30	0.03	32.4	21.1	1095	0.03	16.8
GNS0164	727308	7005358	<0.001	0.02	6.2	60	12	37	0.04	35.8	14	603	0.05	19
GNS0165	727298	7005402	<0.001	0.02	6.7	80	10.7	33	0.04	35.1	19.4	832	0.04	19.4
GNS0166	727304	7005453	<0.001	0.03	7.5	160	11.8	42	0.05	38.3	19.8	1235	0.05	23.9
GNS0167	727298	7005497	<0.001	0.02	5.7	110	9.7	36	0.05	35.6	14.8	908	0.07	19.4
GNS0168	727304	7005555	<0.001	0.02	6	640	8	47	0.06	36.3	10.2	719	0.08	22.4
GNS0169	727303	7005599	<0.001	0.02	6.7	70	9.8	38	0.03	38.2	9	261	0.06	21.5
GNS0170	727302	7005644	<0.001	0.02	6.5	260	10.1	45	0.04	34.6	12.1	773	0.07	20.5
GNS0171	727307	7005704	<0.001	0.03	7.4	300	11.4	43	0.04	38.8	17.6	1085	0.06	22.8
GNS0172	727299	7005758	0.001	0.02	6.7	90	13.1	44	0.03	42.2	18.5	623	0.06	22.9
GNS0173	727296	7005805	<0.001	0.02	6.7	50	12.6	42	0.02	40.8	17.9	445	0.05	22.4
GNS0174	727304	7005849	<0.001	0.02	8	50	13.5	47	0.04	42.8	18.2	515	0.05	23.7
GNS0175	727300	7005896	0.001	0.02	6.6	100	13.3	41	0.06	37.1	19.2	953	0.04	20.7
GNS0176	727305	7005942	0.001	0.02	7.4	40	12.6	35	0.03	37.3	13.8	315	0.03	19
GNS0177	727297	7006002	<0.001	0.02	7.5	50	13	41	0.05	40.3	17.2	389	0.05	20.6
GNS0178	727296	7006049	<0.001	0.02	6.9	130	12.5	39	0.04	40.2	17.6	679	0.04	20.8
GNS0179	727299	7006106	0.001	0.02	6.2	640	11.8	52	0.12	42.6	15.8	867	0.09	26
GNS0180	727297	7006153	0.001	0.02	7.9	80	12.4	56	0.07	51.8	17.2	772	0.06	25.2
GNS0181	727703	7005700	0.001	0.03	8	290	11.6	75	0.04	59	30	511	0.03	48.2
GNS0182	727696	7005752	0.001	0.02	8	350	12.8	79	0.06	59.9	32.1	602	0.04	51
GNS0183	727704	7005801	0.001	0.03	7.5	530	13.2	95	0.14	65.1	38.8	970	0.1	63.5
GNS0184	727701	7005850	<0.001	0.02	5.2	340	12	74	0.06	45.6	27.7	1095	0.48	57.5
GNS0185	727704	7005903	0.005	0.01	6.1	210	10.8	74	0.04	41.2	20.8	585	0.33	37.5
GNS0186	727702	7005953	0.001	0.01	5.1	140	13.2	64	0.07	38.9	17.4	872	0.22	33.1
GNS0187	727703	7006001	0.001	0.01	4.9	150	13.8	71	0.06	35.2	17.3	812	0.48	33
GNS0188	727701	7006051	0.001	0.01	5.2	70	15	72	0.06	37.7	15	609	0.77	32.4

GNS0189	727702	7006100	0.001	0.01	4.2	110	10.8	51	0.15	32	14.8	509	0.5	28.5
GNS0190	727701	7006151	0.002	0.01	4.7	120	11.6	56	0.04	29.6	13	700	0.2	22.8
GNS0191	727701	7006200	<0.001	0.02	4.7	220	12.9	44	0.15	33	18.6	1160	0.07	25
GNS0192	727701	7006252	0.001	0.03	5.8	120	11.8	48	0.06	35.8	12	288	0.07	23.5
GNS0193	727699	7006303	<0.001	0.01	5.5	290	11.6	41	0.03	34.4	29.4	1355	0.11	22.1
GNS0194	727702	7006351	0.001	0.02	5.8	400	11.2	61	0.07	37.3	24.6	2660	0.14	27
GNS0195	727701	7006400	0.001	0.01	4.7	100	9.9	38	0.04	34.1	17.8	537	0.1	26
GNS0196	727701	7006452	0.001	0.02	4.9	50	11.2	39	0.11	35.3	14.1	463	0.06	24.9
GNS0197	727698	7006501	0.001	0.02	4.6	80	9.5	41	0.07	28.7	12.6	403	0.07	24.7
GNS0198	727702	7006552	0.001	0.02	4.5	50	11.5	36	0.11	31.8	15.8	579	0.08	25.4
GNS0199	727700	7006601	0.001	0.01	5.8	150	11.9	31	0.03	34.2	15.4	975	0.08	24
GNS0200	727701	7006651	0.001	0.02	6	170	10.2	44	0.06	38.9	13.6	346	0.06	25
GNS0201	727701	7006651	0.001	0.02	6.3	160	10.4	45	0.06	40.9	13.9	345	0.06	25.6
GNS0204	727702	7006700	0.005	0.02	5.8	580	10.7	37	0.03	34	13	397	0.05	20.4
GNS0205	727504	7006698	0.002	0.02	7.2	60	10.9	37	0.03	36.7	11	317	0.03	20.1
GNS0206	727500	7006649	0.001	0.02	6	440	10.2	45	0.13	40.8	17.2	822	0.09	29.7
GNS0207	727503	7006601	<0.001	0.02	6.6	130	10.2	43	0.05	39.8	19.6	913	0.11	38.9
GNS0208	727500	7006551	0.001	0.02	6.6	180	11.6	41	0.03	40.5	14.2	524	0.07	26
GNS0209	727501	7006500	0.001	0.02	6.4	170	10.1	33	0.02	38.3	9	294	0.04	20
GNS0210	727501	7006448	0.001	0.02	7.2	620	9.4	31	0.02	41.7	8.6	173	0.03	20.4
GNS0211	727501	7006400	0.002	0.02	6.6	90	9	36	0.03	41.2	8.6	210	0.04	21.1
GNS0212	727504	7006351	0.001	0.02	5.6	130	10	39	0.03	45	11.6	307	0.07	22.8
GNS0213	727496	7006300	<0.001	0.02	5.1	50	11.7	38	0.05	37.5	13	462	0.07	22.9
GNS0214	727500	7006250	<0.001	0.02	6.9	130	11.7	47	0.03	48.2	18	508	0.09	28.3
GNS0215	727499	7006198	0.001	0.02	7.6	200	10.7	35	0.02	40	9.8	243	0.04	21.5
GNS0216	727502	7006152	<0.001	0.01	6.7	60	12	33	0.03	34.3	11.2	201	0.05	19.8
GNS0217	727502	7006098	<0.001	0.02	4.9	60	11.9	39	0.15	33.1	15	696	0.07	21.5
GNS0218	727500	7006051	<0.001	0.02	5.7	70	12.4	40	0.11	37.2	16.2	730	0.08	24.2
GNS0219	727502	7006000	<0.001	0.02	6	190	12.7	45	0.23	35.7	18.8	1075	0.15	26.1
GNS0220	727504	7005951	<0.001	0.02	5.7	100	11.2	46	0.09	37.5	16	830	0.12	26.1
GNS0221	727500	7005903	<0.001	0.02	5.7	50	12.3	45	0.05	38.3	16.2	586	0.12	25
GNS0222	727503	7005852	0.001	0.03	5.7	90	12.9	46	0.08	39.6	21	906	0.07	27.8
GNS0223	727501	7005798	0.001	0.02	6.3	90	12.3	46	0.05	39.9	22.9	985	0.06	27.1
GNS0224	727499	7005753	<0.001	0.02	6	50	11.5	42	0.06	36.3	17.8	673	0.06	25.2
GNS0225	727501	7005699	<0.001	0.02	5.6	130	11.5	47	0.06	42.8	20.8	772	0.12	31.4
GNS0227	727100	7006646	<0.001	0.02	4.9	80	13	59	0.07	46.2	28	731	0.09	48.2
GNS0228	727105	7006603	<0.001	0.02	5.8	60	13.9	74	0.05	48.3	34.8	429	0.05	61.2
GNS0229	727105	7006549	<0.001	0.01	6	570	11.7	54	0.03	47.9	19.8	412	0.09	38
GNS0231	727097	7006448	0.001	0.02	6.3	370	10.3	58	0.05	55	18.8	301	0.05	38.6
GNS0232	727104	7006403	0.001	0.02	6	530	10.2	64	0.06	49.1	29.1	1025	0.11	46.4
GNS0233	727099	7006349	0.001	0.02	6.4	330	11.3	50	0.03	45.3	27.2	448	0.11	40.3
GNS0235	727104	7006249	0.001	0.01	5.6	230	11.2	91	0.04	53.8	19.7	782	0.2	34.3
GNS0236	727104	7006203	0.002	0.02	6	230	11.4	84	0.15	55.1	17.3	1470	0.32	37.4
GNS0237	727098	7006145	<0.001	0.02	5.2	130	9.4	63	0.1	39.7	18.7	615	0.12	38.3
GNS0239	727094	7006049	<0.001	0.02	5.6	80	11.8	45	0.09	41.8	18.8	624	0.06	27.1
GNS0240	727089	7005991	<0.001	0.03	9.3	50	11.6	56	0.07	59.1	17.2	576	0.06	28.6
GNS0241	727095	7005940	<0.001	0.03	9.5	50	12	57	0.06	56.7	17	552	0.06	28
GNS0243	727102	7005842	<0.001	0.02	6.6	40	11.9	40	0.05	37.3	15.2	599	0.03	19.6
GNS0244	727101	7005801	<0.001	0.02	6	30	12	34	0.02	36.5	14.4	321	0.05	20.1
GNS0245	727106	7005743	0.001	0.02	6.8	40	13	40	0.03	39.2	14.6	404	0.03	19.7
GNS0247	727102	7005652	<0.001	0.02	6.8	40	11.2	33	0.03	36.5	14.8	481	0.02	18.9
GNS0248	727102	7005601	<0.001	0.02	7.2	100	11.8	37	0.03	40.3	21.7	891	0.03	21.1
GNS0249	727101	7005549	0.001	0.02	7.9	70	12.6	35	0.03	36.7	14.8	517	0.03	20.5
GNS0251	727096	7005502	<0.001	0.02	8.2	50	11.4	38	0.07	35.9	11.2	518	0.06	20.6
GNS0254	727103	7005446	0.002	0.03	6.7	60	11	27	0.03	32.4	18.3	618	0.03	18
GNS0255	727101	7005403	0.001	0.03	7.7	80	11.3	36	0.05	35.4	18.6	915	0.03	20.7
GNS0256	727102	7005350	<0.001	0.02	7	100	11.6	37	0.04	37.4	20.3	1130	0.04	21.1
GNS0258	727103	7005242	0.001	0.03	7.2	120	11.8	38	0.06	35.9	18.4	1125	0.04	19
GNS0259	727101	7005196	0.001	0.02	6.7	40	13.1	38	0.03	37.6	8.5	332	0.05	19.5
GNS0260	727097	7005152	0.001	0.02	7	40	12.2	37	0.02	36.8	10.1	400	0.05	17.8
GNS0262	727102	7005050	0.002	0.03	10.4	50	12	40	0.04	45	13.9	556	0.05	23.4
GNS0263	727100	7005001	0.003	0.03	11	70	12.6	40	0.04	45.3	13.6	682	0.05	22.1
GNS0264	727109	7004949	0.002	0.04	12.2	100	12.6	43	0.04	49.2	14.6	948	0.04	23.5
GNS0266	727105	7004856	0.002	0.03	10.3	80	11.8	35	0.04	38.7	17.6	1035	0.04	19.8



GNS0267	727106	7004803	0.001	0.03	12.3	80	12	37	0.08	40.6	15.6	960	0.04	21.6
GNS0268	727105	7004740	<0.001	0.03	13	80	10.8	34	0.09	37.2	10.7	684	0.06	21.5
GNS0271	726902	7004747	0.001	0.02	10.8	90	11.6	39	0.05	36.2	10.5	579	0.36	25.2
GNS0272	726903	7004801	<0.001	0.02	10.6	100	9.7	34	0.05	30.4	7.8	350	0.31	19.7
GNS0273	726899	7004851	0.001	0.03	14.8	110	11.6	34	0.11	40.7	10.9	560	0.1	23.9
GNS0275	726906	7004955	0.001	0.02	9.8	80	10.5	38	0.09	35.3	9.2	486	0.18	22.5
GNS0276	726902	7004996	0.001	0.02	9.9	70	12.4	40	0.11	41	13.6	830	0.27	26.2
GNS0277	726908	7005056	0.001	0.03	10.6	70	12.4	42	0.06	45	13.5	886	0.04	23.7
GNS0279	726903	7005148	0.001	0.03	8.2	80	12.8	49	0.2	40.9	14	1000	0.08	28.8
GNS0280	726906	7005199	<0.001	0.02	7	70	12.2	37	0.05	36.8	14.8	796	0.05	19.3
GNS0281	726900	7005250	<0.001	0.02	7.7	80	17.5	44	0.02	42	16	452	0.06	21.2
GNS0283	726602	6996104	0.001	0.02	22.5	80	12	24	0.01	49.6	4.7	104	0.02	18
GNS0284	726649	6996100	0.001	0.02	13.7	600	14.8	19	0.01	35.1	4.4	249	0.03	17.2
GNS0285	726701	6996100	0.001	0.02	22.8	500	14.2	19	0.01	45.3	4.8	87	0.02	17.6
GNS0286	726752	6996098	<0.001	0.02	18.8	10	11.4	18	0.01	37.2	4.6	83	0.02	17.2
GNS0287	726804	6996101	<0.001	0.03	23.4	20	14.4	20	0.01	40.3	5.2	90	0.02	18.4
GNS0288	726553	6996199	0.002	0.03	18	20	14.2	18	0.01	34.3	4.9	89	0.02	15.8
GNS0289	726600	6996199	0.001	0.02	23.8	10	12	18	0.01	39.6	6.2	82	0.01	17.4
GNS0290	726653	6996200	0.002	0.02	20.8	20	14.6	18	0.01	40.2	5.4	117	0.02	16.6
GNS0291	726700	6996199	0.001	0.01	15.6	20	12.4	14	0.01	37.8	3.9	72	0.02	13.6
GNS0292	726753	6996199	0.001	0.01	14	30	11.4	15	0.01	36.8	3.8	76	0.02	14.6
GNS0293	726800	6996200	0.001	0.02	22.1	730	11.6	19	0.01	44.1	4.3	81	0.02	15.7
GNS0294	726604	6996301	0.001	0.01	20.3	10	9.6	16	<0.01	41.8	5.3	69	0.02	17
GNS0295	726651	6996300	0.001	0.02	23.3	10	11.5	17	<0.01	43.5	6.5	82	0.02	17.4
GNS0296	726703	6996300	0.001	0.02	29	10	13	19	0.02	45.7	8.7	85	0.02	25.9
GNS0297	726753	6996302	0.001	0.03	24.9	50	14.2	15	0.02	32.4	13.1	416	0.02	18.9
GNS0298	726802	6996300	0.001	0.03	20.2	10	12.8	15	0.02	28.9	5	92	0.02	15.9
GNS0299	726749	6996495	0.001	0.02	13.4	80	8.2	14	0.02	26.8	5.8	65	0.02	16.1
GNS0300	726698	6996498	0.001	0.02	20.4	20	9.4	15	0.02	34.1	8.9	86	0.03	22
GNS0301	726698	6996498	0.001	0.02	24.4	20	10.5	17	0.02	36.3	9.7	86	0.03	23.9
GNS0304	726652	6996501	0.001	0.02	21.7	20	10.4	16	0.02	38.7	10.3	77	0.03	24.8
GNS0305	726602	6996498	0.001	0.01	18.1	430	9.2	17	0.02	39.6	9.5	74	0.03	24.6
GNS0306	726552	6996498	0.001	0.01	24.6	20	8.9	23	0.02	45	9.5	79	0.03	25.7
GNS0307	727365	7006251	<0.001	0.02	7.3	50	11.8	51	0.07	45.4	14.4	483	0.06	25.1
GNS0308	727365	7006302	<0.001	0.02	7.2	70	11.7	46	0.08	44.1	16.2	779	0.05	24.3
GNS0309	727352	7006351	<0.001	0.01	6.1	40	11	42	0.03	36.5	13.3	441	0.06	20.7
GNS0310	727333	7006397	<0.001	0.02	7	60	11.2	38	0.03	39.2	15.5	595	0.04	20.7
GNS0311	727334	7006450	<0.001	0.02	6.5	50	10.6	33	0.03	35	20.3	648	0.03	19.5
GNS0312	727326	7006505	<0.001	0.01	5.8	60	9.9	41	0.06	37	15.2	771	0.05	22.7
GNS0313	727332	7006550	0.002	0.02	7.3	70	11.9	41	0.07	39.7	16.2	762	0.04	22.9
GNS0314	727338	7006604	<0.001	0.03	6.3	80	10.3	59	0.22	41.9	14.7	745	0.29	31.8
GNS0315	727353	7006649	<0.001	0.02	7	60	10.9	51	0.14	44.5	14.2	652	0.07	28.5
GNS0316	727380	7006707	<0.001	0.02	5.9	50	10.1	35	0.05	35.7	15.1	665	0.04	19.9
GNS0318	726900	7006651	<0.001	0.01	6.3	230	13.1	77	0.11	46.7	33	983	0.12	55
GNS0320	726903	7006599	<0.001	0.02	8.6	520	12.7	81	0.08	52.2	34.6	949	0.09	63.4
GNS0321	726901	7006555	<0.001	0.03	8.5	350	13.1	70	0.09	50	28.2	655	0.09	55.2
GNS0323	726907	7006448	<0.001	0.02	6.3	320	11	51	0.05	39.5	19.3	371	0.07	36.4
GNS0324	726901	7006393	<0.001	0.02	6.1	690	11.4	53	0.12	39	23.6	965	0.13	39.6
GNS0325	726901	7006347	0.001	0.02	6.5	150	11.7	54	0.13	35.8	24.6	952	0.08	33
GNS0327	726901	7006251	<0.001	0.02	7.2	120	11.3	85	0.1	43.8	20.4	1095	0.13	36.2
GNS0328	726902	7006202	<0.001	0.02	7.4	200	11.4	90	0.09	43.5	29.6	1020	0.1	46.7
GNS0329	726904	7006147	<0.001	0.02	6.7	620	11.9	75	0.1	40.6	27.8	1075	0.13	46
GNS0331	726901	7006057	0.001	0.01	5	330	9	58	0.15	39.7	23.5	674	0.27	45.1
GNS0332	726906	7006002	<0.001	0.02	5.1	250	9.2	52	0.17	43.4	23.8	914	0.12	45.7
GNS0333	726900	7005949	<0.001	0.01	5.9	390	8.8	37	0.04	37.9	14.9	905	0.22	33.4
GNS0335	726907	7005852	<0.001	0.03	7.4	60	11	59	0.08	48.5	15.2	498	0.07	29.9
GNS0336	726900	7005801	<0.001	0.02	8.3	60	11	51	0.08	50.7	15.4	510	0.06	28.8
GNS0337	726901	7005748	<0.001	0.03	11.7	70	13.4	60	0.08	63.5	19	594	0.16	33.6
GNS0339	726906	7005643	<0.001	0.02	7.1	40	10.6	39	0.04	38.3	14.3	545	0.04	21
GNS0340	726896	7005594	<0.001	0.02	8	50	10	34	0.04	38.9	13.3	391	0.03	22.4
GNS0341	726902	7005545	<0.001	0.02	8.6	90	14.7	38	0.02	41.3	14.4	322	0.03	22.6
GNS0343	726903	7005451	<0.001	0.03	9.2	100	12.3	37	0.03	42.5	20.6	884	0.03	22.9
GNS0344	726902	7005394	<0.001	0.04	9.9	110	13.3	43	0.04	45.2	18.5	981	0.03	23.4
GNS0345	726893	7005350	<0.001	0.04	8.7	120	12.5	38	0.04	40.7	20.3	1280	0.03	22

GNS0346	727358	7006202	<0.001	0.02	8.5	80	12.2	52	0.06	50.3	15.8	550	0.09	28.7
GNS0348	726700	7004748	<0.001	0.02	11.9	90	14.4	46	0.1	40.8	12.9	728	0.45	28
GNS0349	726703	7004797	<0.001	0.02	13.3	140	10.4	25	0.05	33.2	9	631	0.06	18.5
GNS0350	726701	7004851	<0.001	0.02	11.1	110	12.2	37	0.08	35.2	12.1	784	0.28	25.6
GNS0351	726701	7004851	<0.001	0.02	10.9	110	12.3	38	0.09	36	12	757	0.3	26.3
GNS0355	726701	7004953	<0.001	0.02	11.3	90	12.4	39	0.08	36.4	11.3	612	0.34	27.6
GNS0356	726700	7005007	0.001	0.02	11.4	70	12.6	40	0.09	40.6	12	593	0.49	28.4
GNS0357	726704	7005049	0.002	0.03	11	90	9.9	30	0.06	34.2	9.4	493	0.08	19.6
GNS0359	726708	7005154	<0.001	0.02	9.1	40	12.4	42	0.04	38.8	11.7	543	0.07	23.3
GNS0360	726701	7005200	<0.001	0.02	8.6	100	13.8	41	0.09	37.7	17	1225	0.07	23.8
GNS0361	726697	7005245	<0.001	0.02	7.2	70	12.6	42	0.07	36	13.7	862	0.07	23.9
GNS0363	726701	7005350	0.001	0.03	10	110	12.2	44	0.11	44.3	16.4	818	0.05	27.7
GNS0364	726702	7005400	<0.001	0.02	8.5	80	12.4	33	0.02	39	10.5	210	0.03	20.3
GNS0365	726705	7005451	<0.001	0.02	7.1	60	14.6	39	0.04	38.2	13.6	440	0.06	20.1
GNS0367	726709	7005554	0.001	0.03	9.3	110	13.8	46	0.06	48.7	21.4	1080	0.05	24.5
GNS0368	726699	7005601	<0.001	0.02	7	60	12.2	47	0.06	40.4	11.9	475	0.08	22.5
GNS0369	726706	7005648	<0.001	0.02	7.2	100	13.8	52	0.13	49.9	16.6	871	0.38	32.6
GNS0371	726697	7005756	<0.001	0.03	8.7	100	14.8	57	0.12	56.3	20.9	720	0.13	33.3
GNS0372	726706	7005798	<0.001	0.02	6.1	120	10.9	41	0.12	38.9	16.3	660	0.05	28
GNS0373	726699	7005853	<0.001	0.02	5.4	210	11.3	39	0.14	35.3	13.9	640	0.16	24.6
GNS0375	726706	7005951	<0.001	0.01	5	220	11.2	36	0.06	31.7	12.3	561	0.17	23.7
GNS0376	726702	7005998	<0.001	0.02	4.4	220	9.5	39	0.09	28.6	11.2	469	0.29	24.5
GNS0377	726706	7006054	<0.001	0.02	5	140	10.1	39	0.05	33.6	13.7	597	0.53	30.2
GNS0379	726697	7006151	<0.001	0.03	4.9	150	11.1	52	0.19	51.8	14.7	789	0.14	27.2
GNS0380	726706	7006202	<0.001	0.04	5.1	90	13.1	59	0.22	40.2	19.1	830	0.2	33
GNS0381	726705	7006249	<0.001	0.02	4.2	90	11.7	53	0.2	37.3	16.7	828	0.32	34.5
GNS0383	726701	7006350	<0.001	0.02	5.1	150	12.5	50	0.12	37.8	17	732	0.26	30.6
GNS0384	726708	7006401	<0.001	0.02	6.6	150	13.2	56	0.11	42	16.8	774	0.12	27.3
GNS0385	726697	7006450	<0.001	0.01	5.3	90	9.5	47	0.06	37.6	12.1	397	0.07	22.8
GNS0387	726706	7006550	<0.001	0.01	5.1	70	13.1	77	0.07	38.1	14	725	0.47	31
GNS0388	726704	7006597	<0.001	0.02	5.4	110	10.8	36	0.09	35.1	19.4	1065	0.07	26.4
GNS0389	726708	7006649	0.001	0.01	4.9	70	10.1	40	0.04	33.2	13.3	587	0.51	27.5
GNS0391	726500	7006701	<0.001	0.02	5.6	210	9.5	31	0.05	32.5	25.9	1425	0.03	24.9
GNS0392	726507	7006649	<0.001	0.02	5.9	70	8.9	30	0.03	32.7	19	752	0.02	22.3
GNS0393	726495	7006599	<0.001	0.02	6.2	180	10.1	35	0.05	35.4	26.5	1365	0.03	25.4
GNS0394	726498	7006543	<0.001	0.03	6.4	150	10.4	56	0.17	41.1	22.2	1215	0.06	34.2
GNS0395	726500	7006501	0.001	0.02	6.4	70	10.2	40	0.04	39.5	20.3	679	0.04	25.2
GNS0396	726493	7006446	<0.001	0.02	6.2	90	10.5	49	0.1	40	17.3	600	0.05	29.2
GNS0397	726507	7006403	<0.001	0.02	6.4	130	9.9	43	0.06	37.8	15.4	503	0.06	28.7
GNS0398	726509	7006347	<0.001	0.01	4.9	130	11.3	41	0.07	33.3	17.4	1200	0.23	39.8
GNS0399	726502	7006298	0.001	0.02	4.6	220	10	46	0.14	37.5	14.2	1195	0.3	36
GNS0400	726492	7006250	0.001	0.03	6.5	150	10.5	49	0.08	39.8	18.1	638	0.05	31.3
GNS0401	726492	7006250	0.001	0.03	6.4	140	10.4	49	0.07	40.2	18	646	0.05	30.8
GNS0404	726500	7006199	<0.001	0.02	6.3	40	10	41	0.04	38.2	11.1	257	0.05	24.8
GNS0405	726502	7006150	<0.001	0.03	6.6	70	10.8	50	0.07	42.5	18.3	658	0.05	28.7
GNS0406	726501	7006101	0.001	0.02	6.5	40	10.1	44	0.04	41.2	13.2	294	0.05	27.4
GNS0407	726499	7006047	<0.001	0.02	7.3	150	9.5	43	0.05	42.3	11.8	275	0.04	26.6
GNS0408	726503	7005994	<0.001	0.02	6	170	9.5	46	0.06	37.2	14.6	758	0.05	24
GNS0409	726505	7005951	<0.001	0.02	6.2	60	9.2	42	0.06	37.6	10.7	359	0.06	24.2
GNS0410	726500	7005898	<0.001	0.01	5.9	100	9.8	41	0.05	35	13.9	573	0.07	21.6
GNS0411	726498	7005853	<0.001	0.01	5.7	80	10.6	41	0.05	35.1	14.3	476	0.07	21.3
GNS0412	726504	7005800	<0.001	0.02	5.2	130	11	40	0.07	36	16.6	783	0.07	23.3
GNS0413	726501	7005752	<0.001	0.02	5.9	90	11.5	46	0.11	45.5	16.4	586	0.07	26.1
GNS0414	726503	7005703	<0.001	0.03	9.3	120	13.3	66	0.17	62.9	20.3	683	0.35	36.7
GNS0415	726504	7005650	0.001	0.03	10.3	140	12.5	66	0.12	65	18.7	533	0.25	36.9
GNS0416	726505	7005596	<0.001	0.02	6.5	90	10.8	47	0.14	42.8	13.4	637	0.11	25.4
GNS0417	726504	7005554	0.001	0.01	8.4	70	13.7	47	0.09	46.5	14.9	599	0.88	28.5
GNS0418	726502	7005495	0.001	0.01	8.6	70	14.3	50	0.13	46.9	15.2	786	1.02	30.8
GNS0419	726501	7005451	0.001	0.03	11.6	160	13.2	43	0.09	45.5	13.8	582	0.2	26.7
GNS0420	726502	7005400	0.001	0.02	11.2	90	14.4	37	0.09	43.5	15.9	721	0.1	22.4
GNS0421	726506	7005345	0.001	0.03	12.8	80	13.6	46	0.15	45.2	14	725	0.12	28.7
GNS0422	726503	7005298	0.001	0.02	10	80	13.3	37	0.13	42.1	14.2	814	0.24	28.6
GNS0423	726507	7005255	0.001	0.02	10	50	12.4	40	0.1	41.6	13.4	719	0.07	25.5
GNS0424	726504	7005198	0.001	0.02	9.6	60	12.2	41	0.07	41.8	13.4	745	0.07	24.5

GNS0425	726502	7005149	<0.001	0.02	10	80	13	34	0.11	41	13.8	741	0.09	25.5
GNS0426	726502	7005099	0.001	0.02	8.5	80	11.8	37	0.1	36.3	11.2	567	0.37	24.6
GNS0427	726505	7005050	0.001	0.01	11.6	80	13	40	0.07	39.3	12	538	0.42	26.9
GNS0428	726500	7005003	0.001	0.02	12.4	120	17.4	37	0.06	35.4	16.1	1010	0.12	22.6
GNS0429	726502	7004948	0.001	0.02	12.4	100	12.6	36	0.09	39.5	12.4	795	0.23	24.4
GNS0430	726506	7004903	<0.001	0.02	10.6	80	10.1	40	0.07	32.4	8.1	444	0.05	18.6
GNS0431	726503	7004850	0.001	0.01	10.8	80	12.5	38	0.05	34.2	10.7	654	0.89	25.2
GNS0432	726502	7004799	0.001	0.01	9.6	70	14.4	42	0.04	41.7	11.6	822	0.56	25.6
GNS0433	726502	7004751	0.001	0.02	12.6	100	12.6	37	0.06	36.1	10.6	699	0.34	24.3
GNS0434	726503	7004707	0.001	0.02	10.4	90	11.8	26	0.12	34.2	10.8	649	0.07	18.8
GNS0435	726307	7004701	0.001	0.02	10.5	90	9.9	30	0.07	31.7	8.4	458	0.06	17.4
GNS0436	726304	7004756	0.001	0.02	8.1	120	9.8	27	0.04	29.2	8.3	433	0.17	18.6
GNS0437	726302	7004802	0.001	0.01	9.3	90	10.1	32	0.05	30.7	9	462	0.59	19.9
GNS0438	726301	7004851	0.001	0.02	10.7	110	11	30	0.03	32	9.8	698	0.11	19.2
GNS0439	726305	7004907	0.001	0.02	10.4	110	10.2	28	0.13	30.7	9.6	630	0.06	18.2
GNS0440	726297	7004951	<0.001	0.02	10.4	130	11	26	0.11	31.3	9.9	725	0.11	19.1
GNS0441	726303	7005000	0.003	0.02	9.8	110	11.9	34	0.07	34.1	10.3	699	0.28	22.6
GNS0442	726300	7005051	0.001	0.01	8.7	60	12.8	45	0.11	38.2	11.4	564	0.69	26.4
GNS0443	726301	7005102	0.001	0.01	8.8	80	13.4	42	0.08	35.9	12.4	756	0.45	27.4
GNS0444	726300	7005146	0.001	0.02	9.5	100	10.9	35	0.07	33.5	10	439	0.24	23
GNS0445	726294	7005203	<0.001	0.02	9.9	100	13.4	36	0.1	37.2	13.3	807	0.14	25.5
GNS0446	726305	7005254	0.001	0.02	7.9	80	13	36	0.13	36.1	13	701	0.14	25
GNS0447	726298	7005302	0.001	0.02	8	80	13.4	41	0.09	38	13	733	0.39	27.3
GNS0448	726296	7005351	0.001	0.02	9.1	80	12.6	43	0.13	38.7	12.7	687	0.23	25.9
GNS0449	726300	7005396	0.001	0.03	12.4	90	12.3	45	0.1	43	13	659	0.08	23.6
GNS0450	726301	7005452	<0.001	0.02	8.7	80	13.4	47	0.11	42.9	12.8	680	0.15	25.8
GNS0451	726301	7005452	0.001	0.02	9	80	13.4	48	0.11	44.4	12.8	655	0.15	26.4
GNS0454	726302	7005505	0.001	0.02	10.7	130	13.4	48	0.11	51.1	15.5	722	0.15	28.4
GNS0455	726302	7005552	<0.001	0.02	8.6	110	13	52	0.09	50	15.6	652	0.14	27.5
GNS0456	726301	7005606	<0.001	0.02	7.4	120	12.8	48	0.09	47.4	14.8	760	0.15	26.9
GNS0457	726298	7005652	<0.001	0.02	7.2	210	10.2	41	0.09	41.7	12.9	478	0.08	23.5
GNS0458	726294	7005691	0.001	0.02	6.4	250	11.4	49	0.08	42.5	14.2	592	0.4	29.7
GNS0459	724707	7003702	0.001	0.04	15.8	100	13.9	35	0.08	79.9	9.1	472	0.07	19.9
GNS0460	724754	7003702	0.001	0.03	10.6	770	9.5	31	0.07	59.6	12.2	779	0.05	19.2
GNS0461	724804	7003701	0.002	0.03	10.3	170	8.3	31	0.08	62.8	10.2	647	0.14	20
GNS0462	724855	7003703	0.001	0.03	8.8	90	9.6	31	0.04	51.8	11.7	694	0.06	17
GNS0463	724902	7003702	<0.001	0.04	10.4	110	10.2	36	0.06	62	11.8	787	0.05	15.6
GNS0464	724953	7003699	<0.001	0.03	7.8	70	12	40	0.09	48.8	11.4	774	0.06	17.6
GNS0465	725008	7003698	0.001	0.02	5.5	40	11.9	34	0.05	39.7	11.6	581	0.06	17.6
GNS0466	725054	7003705	0.001	0.02	5.2	40	12.4	31	0.05	36.2	10.8	557	0.06	16.8
GNS0467	725106	7003696	0.002	0.02	5	40	11.3	26	0.02	31	9.2	410	0.04	13.3
GNS0468	725149	7003694	0.001	0.03	5.4	50	10.6	23	0.02	29.2	9.8	477	0.03	12.6
GNS0469	725199	7003698	0.001	0.02	5.5	20	11.5	22	0.02	28.7	4.9	152	0.04	12.1
GNS0470	725253	7003700	0.001	0.02	4.8	30	10.4	21	0.01	26.5	5.6	202	0.03	11.6
GNS0471	725301	7003702	0.001	0.02	5	60	12.4	25	0.02	28.8	11.4	583	0.04	13
GNS0472	725352	7003705	0.001	0.02	5.3	20	11.5	20	0.02	26.3	4	166	0.03	11.6
GNS0473	725405	7003701	<0.001	0.02	5.2	20	11.2	24	0.02	28.5	3.7	129	0.04	12.2
GNS0474	725450	7003700	<0.001	0.02	5	70	11.7	22	0.02	25.6	11	604	0.04	12.6
GNS0475	725501	7003693	0.001	0.02	5.1	20	11.1	23	0.02	29	3.9	120	0.04	12.2
GNS0476	725496	7003500	0.001	0.02	5	20	11.3	26	0.02	29.2	4.1	133	0.04	13
GNS0477	725448	7003498	0.001	0.02	4.8	30	11.1	24	0.02	27.9	4	176	0.03	12.4
GNS0478	725399	7003493	<0.001	0.02	4.6	50	11.6	29	0.03	31	11.6	634	0.05	13.8
GNS0479	725354	7003504	<0.001	0.02	4.8	30	11.5	25	0.01	29.3	5.7	214	0.04	13
GNS0480	725299	7003495	0.001	0.02	5.5	30	12.5	25	0.02	31.1	5.7	233	0.03	13.2
GNS0481	725250	7003501	0.001	0.02	4.7	50	10.6	29	0.02	31.2	10	393	0.05	13.9
GNS0483	724508	7004097	0.001	0.02	4.9	60	12.3	31	0.03	32.6	12.2	665	0.05	14.6
GNS0484	724553	7004099	0.001	0.02	5	50	12.6	38	0.1	33.6	11.1	717	0.07	16.6
GNS0485	724601	7004100	0.001	0.02	5.3	50	12.2	33	0.11	31.7	10	670	0.06	16.2
GNS0486	724648	7004098	0.001	0.02	5.2	30	11.2	28	0.02	31.7	8.1	251	0.04	14.6
GNS0487	724703	7004102	0.001	0.02	5.5	70	12.2	36	0.11	33.6	11.1	872	0.05	17
GNS0488	724758	7004103	0.001	0.02	5.1	30	10.8	25	0.02	29.8	9.8	390	0.03	12.9
GNS0489	724800	7004096	0.001	0.02	5	30	11.3	25	0.03	30.1	10.4	422	0.03	13.5
GNS0490	724847	7004094	0.001	0.02	5.1	30	11.1	24	0.02	29.7	7.3	291	0.04	13.2
GNS0491	724906	7004097	0.001	0.03	5.4	30	10.8	25	0.02	30.3	9	368	0.03	13.4

GNS0492	724953	7004106	0.001	0.02	5.2	50	10.7	23	0.02	26.9	11	570	0.03	13.1
GNS0493	725005	7004103	0.001	0.02	4.8	30	8.1	17	0.01	22.7	7.8	440	0.02	10.8
GNS0494	725054	7004100	0.001	0.02	5.3	20	10.8	21	0.01	28.3	4	130	0.03	12.2
GNS0495	725106	7004102	<0.001	0.03	5.2	20	7.9	17	0.01	22.8	3	103	0.02	10.4
GNS0496	725155	7004105	0.001	0.02	4.8	20	9.8	24	0.01	27.4	4.1	133	0.04	12.8
GNS0497	725206	7004103	0.001	0.03	5.4	60	8.8	17	0.03	23.1	7.8	587	0.03	12.2
GNS0498	725254	7004098	0.001	0.02	5	30	11	22	0.01	27.3	5	227	0.03	12.5
GNS0499	725304	7004104	0.001	0.02	5.1	20	11.4	22	0.01	26	4.8	161	0.03	12.2
GNS0500	725356	7004101	0.001	0.02	5.3	20	9.2	18	0.01	23.7	3.7	124	0.02	11.2
GNS0501	725356	7004101	0.001	0.02	5.3	20	9.4	18	0.01	23.8	3.7	126	0.02	11.4
GNS0504	725406	7004100	0.001	0.02	5.2	20	9.5	21	0.02	26.9	4.1	140	0.04	11.6
GNS0505	725449	7004099	0.001	0.02	5.2	30	9.3	18	0.01	24	8.2	280	0.02	11.2
GNS0506	725501	7004105	0.001	0.02	5	30	8.2	16	0.02	21.5	6	331	0.02	10.6
GNS0507	725502	7003902	0.001	0.02	5.2	40	10.7	19	0.01	25.3	8.7	563	0.02	11.6
GNS0508	725447	7003902	0.001	0.02	5.1	20	10.1	21	0.02	28.5	3.7	116	0.03	12.8
GNS0509	725410	7003895	0.001	0.02	5.3	20	9.5	19	0.01	24.9	4.6	167	0.02	11.6
GNS0510	725348	7003897	0.001	0.02	5.1	30	10.8	20	0.01	25	5.2	255	0.03	11.8
GNS0511	725292	7003898	0.001	0.02	5.3	80	11	19	0.02	24.1	8.1	607	0.03	12
GNS0512	725244	7003898	0.001	0.02	4.9	20	10.4	22	0.01	27.5	4.3	151	0.03	12.7
GNS0580	728100	7005500	0.001	0.02	6.9	60	12.8	33	0.02	34.5	12.6	496	0.03	16.6
GNS0581	728201	7005500	0.001	0.03	9.1	100	12	33	0.02	38.9	16.6	809	0.03	17.4
GNS0582	728300	7005504	<0.001	0.02	8.5	70	11.2	31	0.02	39.5	14.4	774	0.03	15.4
GNS0583	728399	7005501	0.001	0.02	15.7	60	13.1	40	0.1	44.9	10.6	521	0.86	24.4
GNS0584	728152	7005498	0.001	0.04	11.2	120	12.2	43	0.07	47.2	18.8	1045	0.03	27.4
GNS0585	728250	7005501	0.001	0.03	8.8	70	11.1	33	0.03	38.9	17.3	768	0.03	15.8
GNS0586	728350	7005500	<0.001	0.04	12.5	70	12.1	50	0.08	50.7	13.4	754	0.06	20.4
GNS0587	728448	7005503	0.001	0.04	26.7	180	21.5	37	0.04	67.9	14.8	636	0.03	16.7
GNS0588	728497	7005496	0.001	0.03	21.5	640	16.4	37	0.03	66	11	335	0.04	17
GNS0589	728551	7005499	<0.001	0.02	9.2	170	13.6	46	0.08	48.3	14	1135	0.34	31
GNS0590	728601	7005501	0.001	0.02	7.8	1100	10.8	29	0.02	42	6.4	187	0.04	16.9
GNS0591	728650	7005499	0.001	0.02	7.4	840	12	28	0.03	38.6	8	322	0.03	17.2
GNS0592	728699	7005500	0.002	0.01	6.9	40	9.8	30	0.04	28.4	9.3	728	0.82	23.5
GNS0593	728751	7005502	0.001	0.03	7.9	860	11.6	32	0.02	44.4	8.5	319	0.03	19.4
GNS0594	728800	7005501	0.001	0.03	7.1	490	12	33	0.02	46.9	7.6	506	0.04	19.2
GNS0595	728799	7005700	0.001	0.03	6.9	320	10.2	55	0.04	55.3	21.4	1185	0.05	26.6
GNS0596	728750	7005701	0.001	0.02	8.5	580	12	50	0.04	67.3	13.5	366	0.05	27.3
GNS0597	728700	7005702	0.001	0.02	6.4	440	8.6	31	0.03	46.4	10.4	366	0.05	19.9
GNS0598	728649	7005699	0.001	0.02	6.3	350	9.6	37	0.12	44.7	16	1125	0.08	30.1
GNS0599	728599	7005701	0.001	0.02	6.2	410	9.5	33	0.05	40.2	13.6	722	0.1	26
GNS0600	728549	7005700	0.001	0.02	5.2	1510	8.2	31	0.03	34.7	12.8	839	0.12	22.9
GNS0601	728500	7005701	0.001	0.02	5.9	560	11.1	35	0.03	35.2	13.8	681	0.09	22.5
GNS0602	728450	7005701	0.001	0.02	6.3	280	9.7	32	0.06	34.6	16.7	890	0.06	23
GNS0603	728401	7005699	0.002	0.03	9.7	150	15	39	0.04	48.9	18.4	682	0.04	21.7
GNS0604	728350	7005700	0.001	0.02	12	390	14.4	36	0.02	52.5	19	978	0.03	17.7
GNS0605	728301	7005701	0.001	0.03	11.2	40	12.2	43	0.04	50.1	11.7	422	0.03	19.2
GNS0606	728249	7005700	0.001	0.03	14	50	12.7	48	0.04	58.5	19.4	680	0.03	20.4
GNS0607	728199	7005700	<0.001	0.04	17.3	230	14.1	59	0.06	73.2	30.6	1725	0.03	27.3
GNS0608	728151	7005699	<0.001	0.02	9.5	80	13.4	43	0.02	51.6	11.7	394	0.04	20.7
GNS0609	728098	7005700	0.001	0.02	6.5	30	11.1	36	0.02	42.4	7.3	215	0.03	17.6
GNS0610	724750	7003088	0.009	0.03	5.1	90	9.7	35	0.15	44.7	14	688	0.12	19.5
GNS0611	724801	7003090	0.003	0.03	4.8	90	9.1	40	0.19	51.8	13.9	672	0.13	22.8
GNS0612	724851	7003090	0.005	0.03	4.6	80	8.8	40	0.15	58.9	16.8	728	0.13	24.3
GNS0613	724901	7003091	0.002	0.04	6	100	9.9	42	0.19	49.5	15.5	887	0.11	20.6
GNS0614	724950	7003090	0.001	0.03	5.9	140	11.5	42	0.12	47.4	26.1	1625	0.08	20
GNS0615	724999	7003091	0.001	0.03	5.9	80	10.8	37	0.07	44.4	16.8	904	0.08	17.8
GNS0616	725050	7003089	0.001	0.02	6.1	70	12.2	37	0.03	45.1	16.3	680	0.06	17.4
GNS0617	725099	7003091	0.001	0.03	8.7	60	9.8	30	0.04	41	12.4	643	0.03	15.6
GNS0618	725150	7003092	0.001	0.04	7.8	120	10.1	37	0.04	41.7	18	1115	0.04	16.5
GNS0619	725201	7003091	0.001	0.03	6.7	50	11	32	0.02	37.7	10.8	482	0.04	13.8
GNS0620	725251	7003091	0.001	0.02	7.1	20	10.2	30	0.01	41.5	6.1	171	0.03	14.6
GNS0621	725300	7003091	0.001	0.04	8.9	50	11.4	31	0.02	45.1	9.6	328	0.02	15.6
GNS0622	725350	7003090	0.001	0.02	6.8	60	9.6	24	0.01	34.9	15.3	624	0.02	13
GNS0623	725399	7003090	<0.001	0.03	6.4	130	11.4	25	0.02	35.6	14.7	1160	0.03	12.6
GNS0624	725450	7003090	<0.001	0.03	7.6	40	14.5	24	0.02	40.3	6.6	324	0.03	13.6

GNS0625	725499	7003090	0.001	0.03	6.1	90	13.9	27	0.01	37.5	6.3	285	0.05	12.8
GNS0626	725497	7003298	0.001	0.02	5.3	90	12	34	0.04	36	12.7	855	0.05	15.6
GNS0627	725450	7003297	0.001	0.02	5.3	30	11.8	25	0.02	31.7	8.9	279	0.04	13.2
GNS0628	725401	7003299	0.001	0.02	5.3	140	12.7	34	0.02	35.2	14.8	813	0.07	14.6
GNS0629	725350	7003300	<0.001	0.02	5.2	70	11.2	29	0.03	35.3	13	752	0.04	14.5
GNS0630	725301	7003299	0.002	0.02	5.1	40	10.4	25	0.02	33.4	8.6	347	0.04	13.1
GNS0631	725251	7003300	0.001	0.03	5.6	70	11	28	0.03	36.2	13.8	858	0.03	14.3
GNS0633	725150	7003302	0.001	0.04	7.4	50	11.4	48	0.05	42.9	15.1	794	0.05	20.3
GNS0634	725101	7003298	0.001	0.06	9.5	60	11.2	66	0.15	51	16.4	856	0.07	26.6
GNS0635	725050	7003300	0.001	0.06	10.6	60	11.4	73	0.22	51	16.5	892	0.11	28.9
GNS0637	724951	7003300	0.003	0.05	11.8	90	10.4	51	0.2	53	16.3	967	0.09	33.9
GNS0638	724901	7003298	0.004	0.05	9.8	90	10.8	49	0.29	48.9	16.5	1170	0.16	26.9
GNS0639	724850	7003301	0.006	0.04	11	60	8.4	41	0.1	59.1	12.7	932	0.13	20.3
GNS0641	724749	7003300	0.004	0.03	5.9	130	7.8	30	0.14	37	12.4	1015	0.13	18.9
GNS0642	724700	7003300	0.002	0.03	6	130	9.2	41	0.26	40.7	16.1	1220	0.12	23.5
GNS0643	724701	7003499	0.004	0.04	13	100	10.9	45	0.09	59.8	13.3	712	0.09	25.8
GNS0644	724750	7003501	0.003	0.05	17.8	80	12.2	58	0.1	77.5	11.9	542	0.48	30.7
GNS0646	724859	7003501	0.004	0.03	27.4	320	16.2	54	0.12	63.3	5.6	304	1.03	14.3
GNS0647	724901	7003503	<0.001	0.03	11.5	330	11.4	81	0.15	79.7	8.5	435	0.23	24.7
GNS0648	724950	7003500	0.002	0.03	10.3	1030	8.7	63	0.13	69.3	14.1	628	0.22	41.1
GNS0650	725049	7003501	0.006	0.03	13.8	90	12.1	42	0.1	72	17	850	0.05	21.3
GNS0651	725049	7003501	0.006	0.03	13.3	100	12.3	45	0.1	72.5	17.2	870	0.05	22.5
GNS0654	725099	7003500	0.002	0.03	9.9	60	11.1	41	0.1	53.2	13	767	0.05	17.2
GNS0655	725150	7003500	<0.001	0.03	5.4	60	12.8	40	0.26	35.5	10.6	888	0.08	19.6
GNS0656	724701	7003901	0.001	0.02	5.3	50	12.6	32	0.05	36.5	11.5	615	0.05	16
GNS0657	724751	7003900	0.001	0.03	5.6	40	12.4	31	0.04	36.1	10.4	477	0.05	16.5
GNS0658	724801	7003900	<0.001	0.03	5.6	50	12.2	35	0.13	33.3	10.1	577	0.1	18.7
GNS0659	724850	7003899	0.001	0.03	5.6	60	14	36	0.07	35.9	10.9	674	0.06	18.4
GNS0660	724901	7003901	0.001	0.02	4.8	30	12.1	31	0.02	32.4	9.1	362	0.05	15.5
GNS0661	724951	7003900	0.001	0.02	4.9	70	11.7	40	0.19	32.9	10.2	888	0.1	20.7
GNS0662	725002	7003901	0.001	0.03	5.2	60	12.4	29	0.03	32.5	9.8	518	0.04	15.6
GNS0663	725052	7003901	0.001	0.03	4.6	60	11.8	26	0.02	31	9.9	609	0.04	14.5
GNS0664	725101	7003900	0.001	0.03	5.3	30	12.4	21	0.02	29.8	5.5	192	0.03	13
GNS0665	725151	7003901	0.001	0.03	5.3	40	9.9	19	0.02	25.6	11.5	577	0.02	12.2

