ASX ANNOUNCEMENT

25 November 2021

LEWIS PONDS SOIL RE-INTERPRETATION COMPLETED

- **Re-interpretation of Lewis Ponds soil geochemical data confirms significant gold and multi-element anomalism similar to the nearby two-million-ounce McPhillamys Gold Deposit**
- **The McPhillamys Gold Deposit is one of Australia's largest, under development open-pittable resources situated 20km south east along the Godolphin Fault Zone**
- **Infill and extension soil sampling proposed at Lewis Ponds to delineate gold and copper mineralisation to the northwest and south of the existing resource**
- **Williams Prospect soils program ongoing with over 70 samples pending results**

Godolphin Resources Limited (ASX:GRL) ("**Godolphin**" or the "**Company**") is pleased to provide an update on exploration initiatives across several key projects in NSW. The Company has completed the re-interpretation of soil sampling results from a recent program at its Lewis Ponds Project. The initiative has identified significant gold mineralisation with coincident copper, molybdenum, barium, bismuth, tellurium and lead anomalism south of the main mineral resource. This is a similar geochemical signature to the neighbouring, two-million-ounce McPhillamys Gold Deposit.

Progress continues on the soil sampling program at the Williams prospect. The Williams prospect is located along strike on a northwest-southeast structural trend, the same trend as Lewis Ponds, within EL5583. Williams displays multi-element anomalies (Au+As,Zn,Pb, Ag+Cu) in rock chip and soil geochemistry. An infill soil sampling program is underway to assist in defining gold anomalism and aid in drill hole designs.

Managing Director, Jeneta Owens said: *"The re-interpretation of our most recent multi-element soil sampling program at the Lewis Ponds Project has been a tremendous success. Not only does it significantly increase our understanding of the area, but we have also identified similar geochemical signatures to the two-million-ounce McPhillamy's Gold Deposit. This is very encouraging and bodes well for planned exploration activities, aimed at the increasing the potential of the Lewis Ponds mineralisation.*

"We will continue to provide ongoing updates on exploration initiatives and assay results as they are received over the coming months."

Lewis Ponds Soils Re-Interpretation

The Lewis Ponds Project hosts extensive historic gold and base metal workings and has an Inferred Mineral Resource Estimate (MRE) of **6.2Mt @ 2.0g/t gold, 80g/t silver, 2.7% zinc, 1.6% lead & 0.2% copper**[*]. It remains a high priority project for Godolphin.

Historic soil sampling across the Lewis Ponds Prospect has only targeted base metal mineralisation. No assays for precious metals exist in the historic dataset apart from limited rock chip assays. Until recently the geochemical extent of surface gold and silver mineralisation was relatively unknown, despite significant amounts of precious metals occurring within the Lewis Ponds mineral resource and along strike at other known prospects.

[*] Refer to ASX announcement of 02 February 2021

During 2020, Godolphin conducted a 100m x 50m soil sampling program across the strike of the Lewis Ponds mineralisation to test for gold (Au) and silver (Ag) alongside other previously unassayed elements. The results of that program identified Au and Ag across a 1,300m strike length from the main shaft area to south of the Toms Mine with significant assays of Au to 6.2g/t and Ag to 26.1g/t[**].

Re-interpretation of these results by the Company has identified zones of Au mineralisation coincident with anomalous copper-barium-bismuth-molybdenum-lead-tellurium (Cu-Ba-Bi-Mo-Pb-Te) to the south of the resource. Despite further testing being required, geochemical comparisons can be made with the two-million-ounce McPhillamys Gold Deposit located approximately 20km southeast along the Godolphin Fault Zone, within a similar geological setting. The McPhillamys Gold Deposit is one of Australia's largest undeveloped open-pittable gold resources.

Recent results highlight anomalous zones of coincident gold, copper, barium, bismuth, molybdenum, lead and tellurium and also indicate the occurrence of these minerals south of the known resource. The existence of this mineralisation has been historically termed the Footwall Copper Zone (Agnew et.al, 2005). However, the recent re-interpretation of geochemical data shows that the mineralised footprint is significant, given the McPhillamys Gold Deposit contains a similar surface mineral assemblage associated with the gold mineralisation.

The typical surface geochemistry at McPhillamys is shown in Figure 1. It is important to note that the deposit was initially identified as a weak single point >6ppb Regoleach gold anomaly with follow-up work delineating a coherent >100ppb gold anomaly with coincident As-Mo-Pb-Bi-Cu across the McPhillamys hill with a 650 m x 200 m extent (French et.al, 2015, Mines and Wines Publication).

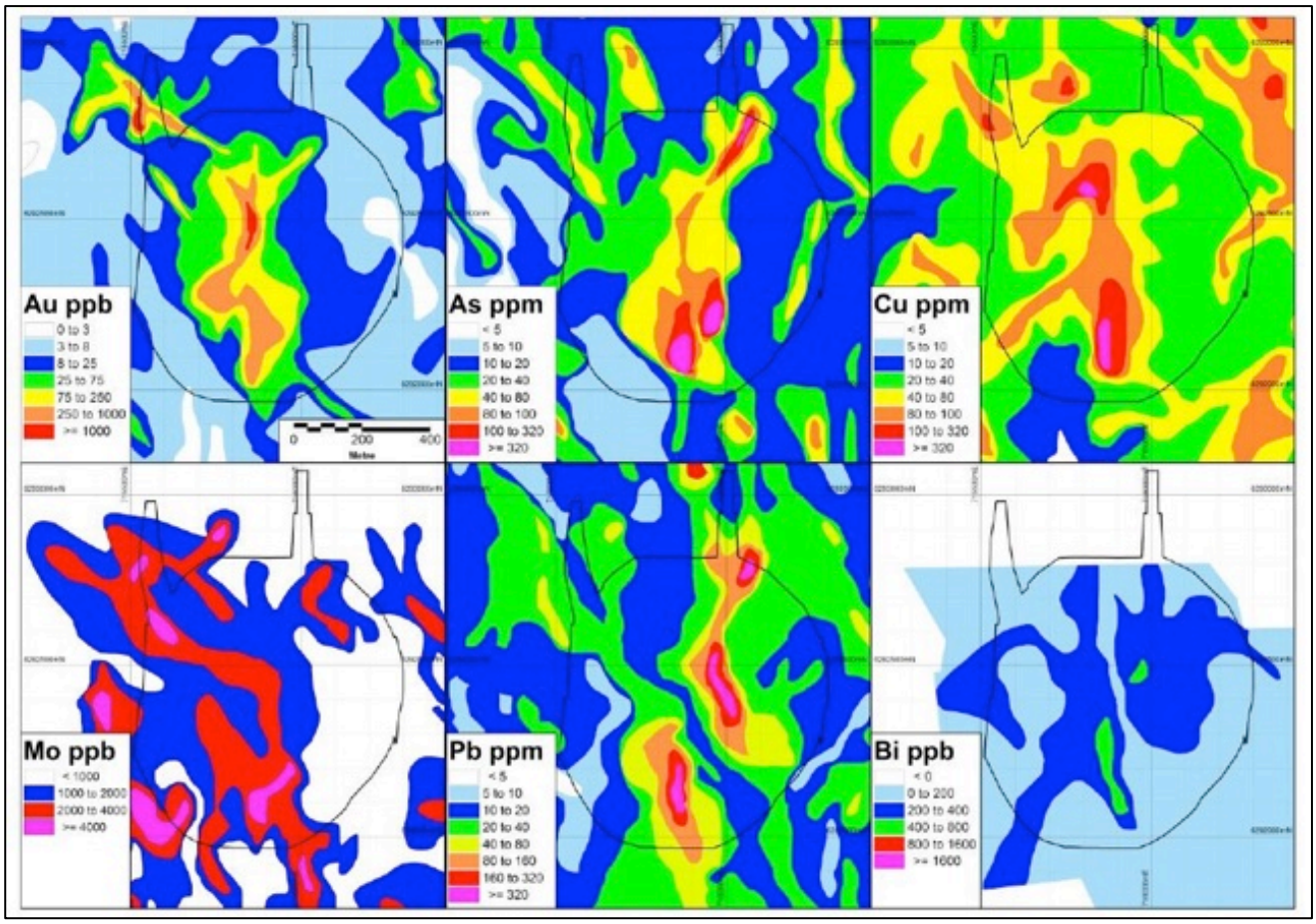

Figure 1. Aqua regia soil/auger contours for Au and multi-elements across the McPhillamys Gold Deposit (taken from French et.al, 2015 Mines and Wines Conference paper).

[**] Refer to ASX announcement of 15 September 2020

At Lewis Ponds, +16ppb gold in soil anomalism extends from the Main Shaft in the north to 2.3km south as delineated by the recent soils program (Figure 2). Gold values peak just south of the Toms Mine where copper, bismuth, molybdenum and lead increase in anomalism. Molybdenum, barium and bismuth are all coincident with the footwall copper zone (Figures 3 & 4). Lead anomalism (Figure 5) appears to be restricted to the hanging wall sequence in a typical spatial zonation pattern from the Footwall Copper Zone. This also occurs at the McPhillamys deposit, where lead appears to be zoned around the gold and copper ore zone as shown in the contours for lead and gold (Figure 1).

The recent findings at Lewis Ponds have provided Godolphin with a much greater understanding of the geological setting. The Company has devised a number of initiatives, which will focus on extending the gold mineralisation to the northwest via a close spaced surface sampling program (Figure 2) as well as defining the anomalous Cu-Ba-Bi-Mo-Pb zone to the south with targeted soils and rock chip sampling and detailed geological mapping. Minimal drilling has occurred in the Footwall Copper Zone which is highly encouraging for future work, which could potentially extend the known mineralisation.

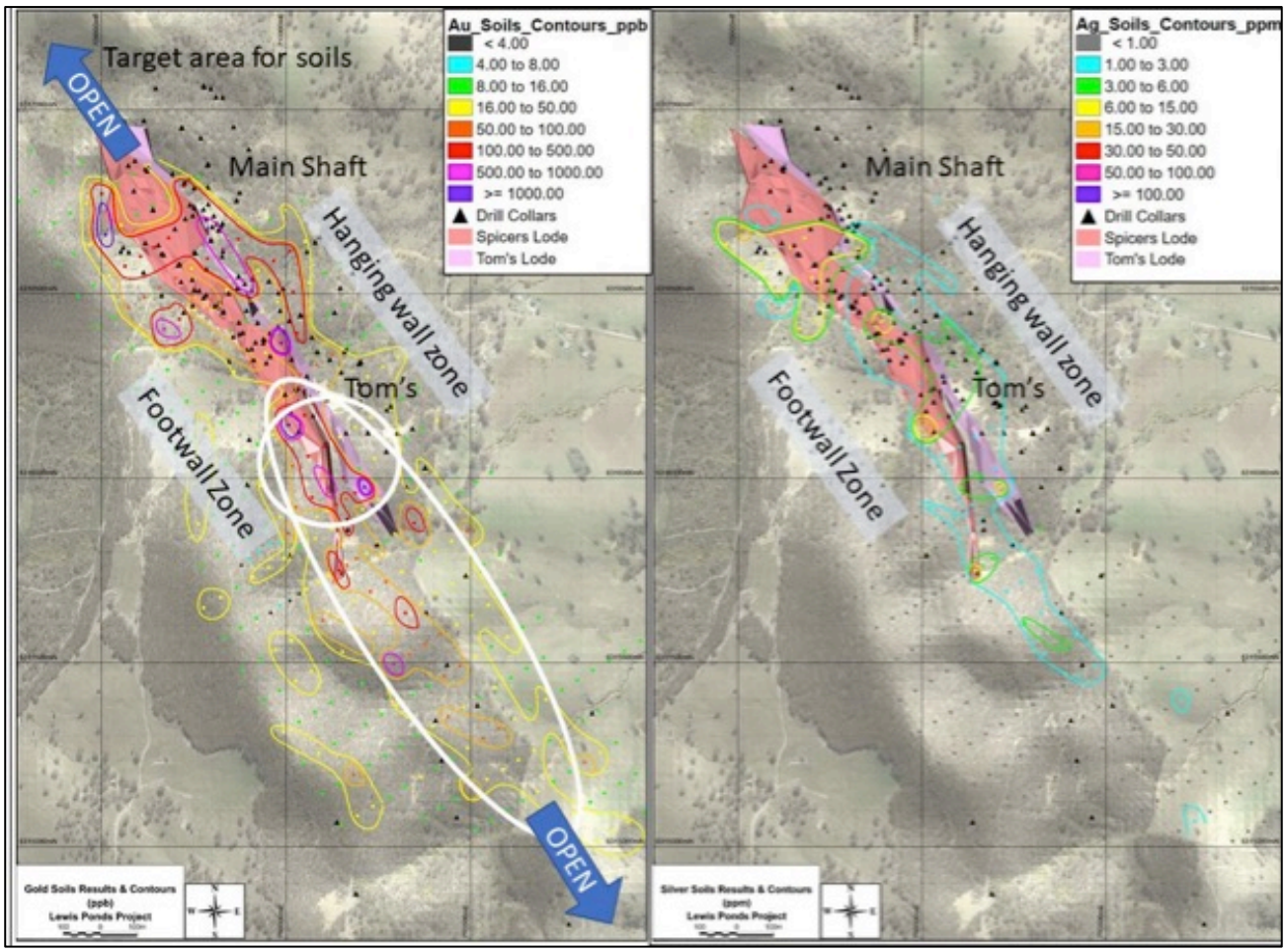

Figure 2. Au (>16ppb) and Ag (>1ppm) soil contours at Lewis Ponds. The Williams prospect is located off-map a further 5.5 km southeast along the Godolphin Fault Zone structure.

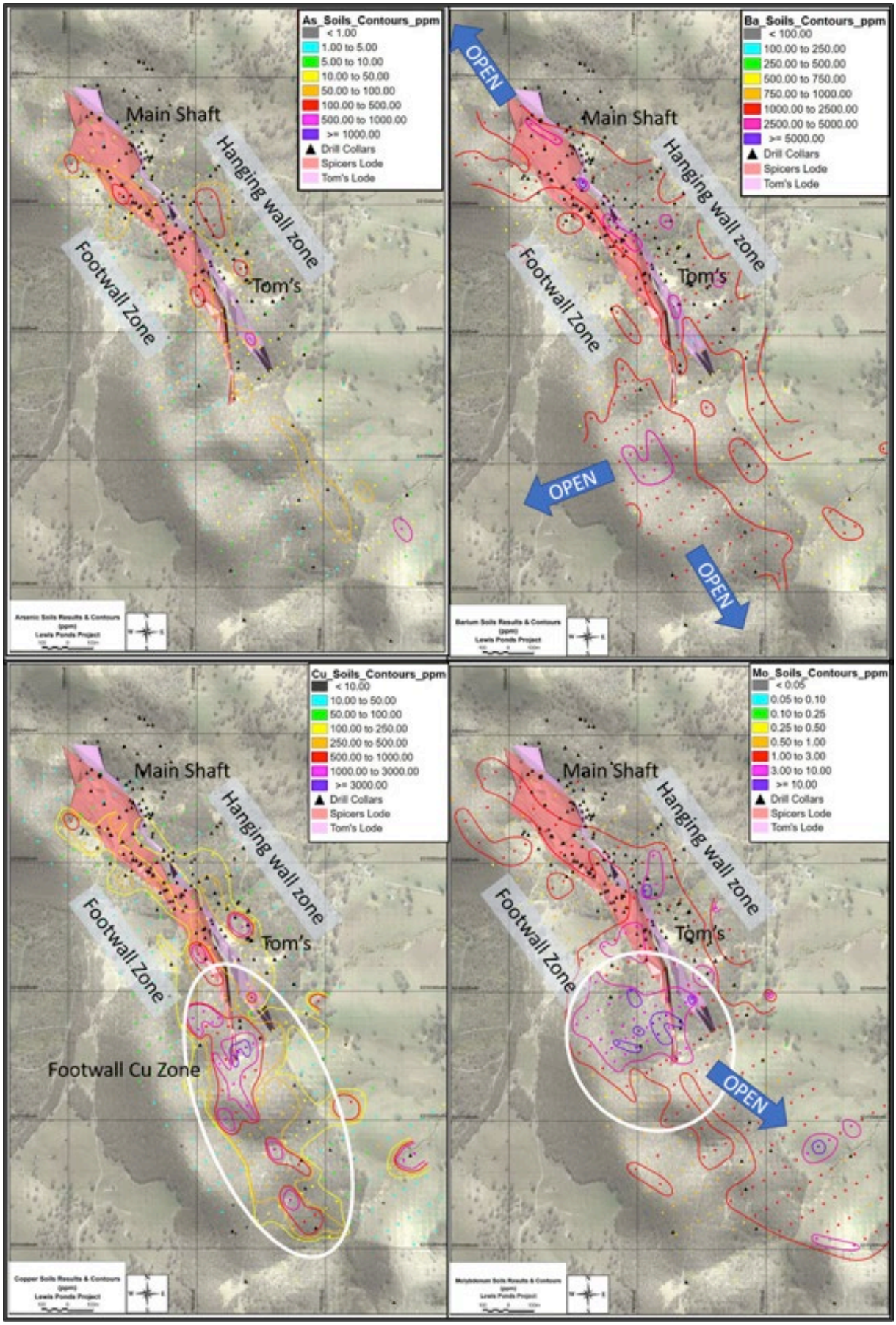

Figure 3. As (>50ppm) and Ba (>1000ppm), Cu (>100ppm) and Mo (1ppm) soil contours at Lewis Ponds.

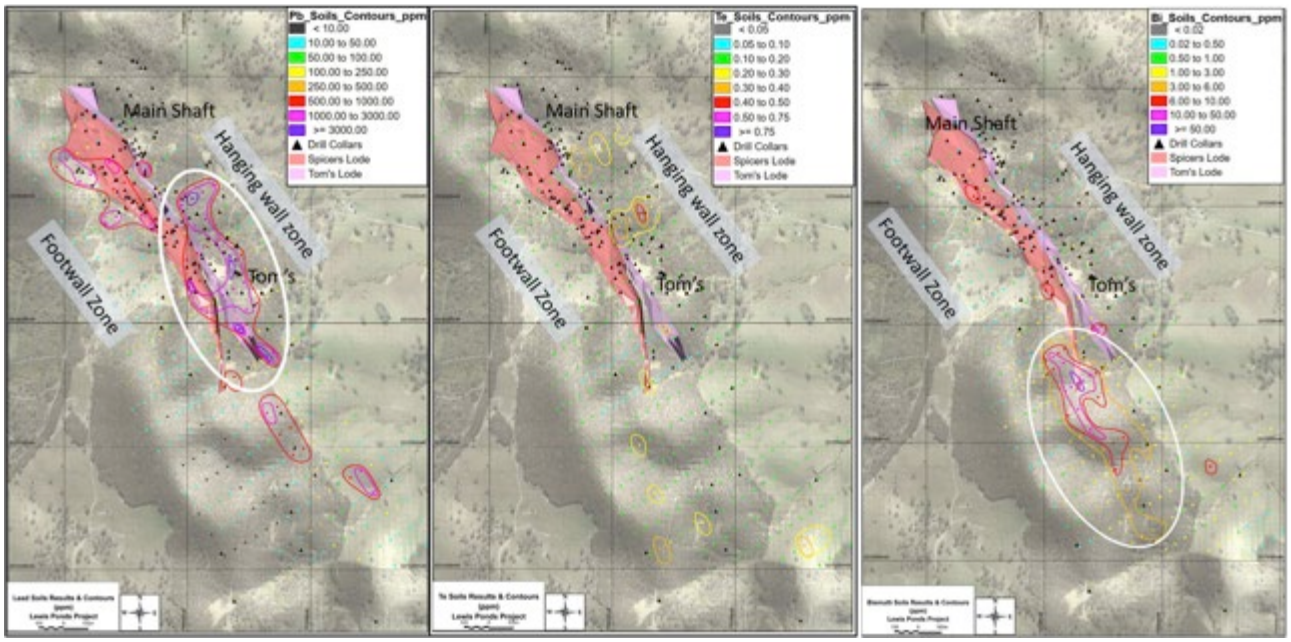

Figure 4. Pb (>500ppm) and Te (>0.20ppm) Bi (>3ppm) soils contours at Lewis Ponds.

Williams Prospect Soils Program Update

Soil sampling is ongoing across the Williams Prospect, targeting trends in the southeast of the Lewis Ponds Project. The current program comprises 200 sample points. To date, approximately 70 samples have been collected, dried, sieved and sent to the laboratory for assay. Results are expected in Q1 2022.

References

French, T., Duerden, P., Bigelow, J., Simmons, H., and Flitcroft, P. The McPhillamys Gold Deposit, Kings Plains, NSW. Discovery History and Geology of the McPhillamys Gold Deposit, Lachlan Fold belt, NSW – 2015 Mines and Wines Conference.

Agnew, MW., Large, RR., Bull, SW., Lewis Ponds, a hybrid carbonate and volcanic-hosted polymetallic massive sulphide deposit, New South Wales, Australia. Mineralium Deposita (2005) 39: 822–844

<<ENDS>>

This market announcement has been authorised for release to the market by the Board of Godolphin Resources Limited.

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About Godolphin Resources

Godolphin Resources (ASX:GRL) is an ASX listed resources company, with 100% controlled Australian-based projects in the Lachlan Fold Belt (**"LFB"**) NSW, a world-class gold-copper province. Currently the Company's tenements cover 3,200km^2 of highly prospective ground focussed on the Lachlan Transverse Zone, one of the key structures which controlled the formation of copper and gold deposits within the LFB, the Godolphin Fault and the Molong Volcanic Belt.

Godolphin is exploring for structurally hosted, epithermal gold and base-metal deposits and large, gold-copper Cadia style porphyry deposits and is pleased to announce a re-focus of exploration efforts for unlocking the potential of its East Lachlan tenement holdings, including increasing the mineral resource of its advanced Lewis Ponds Project. Reinvigoration of the exploration efforts across the tenement package is the key to discovering the exploration potential and represents a transformational stage for the Company and its shareholders.

COMPLIANCE STATEMENT The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Ms. Jeneta Owens, a Competent Person who is a Member of the Australian Institute of Geoscientists. Ms Owens is the Managing Director and full-time employee of Godolphin Resources Limited. Ms Owens has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Owens consents to the inclusion in the report of the matters based on her information in the form and context in which it appears.

Information in this announcement is extracted from reports lodged as market announcements referred to above and available on the Company's website www.godolphinresources.com.au.

The Company confirms that it is not aware of any new information that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

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

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

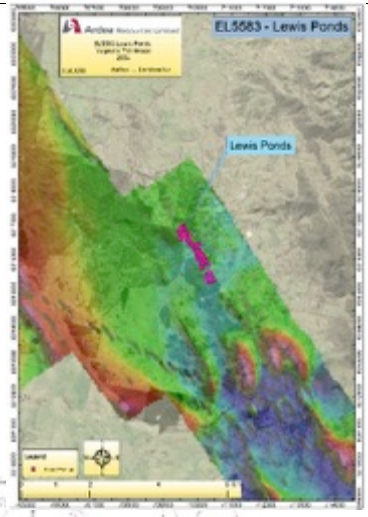
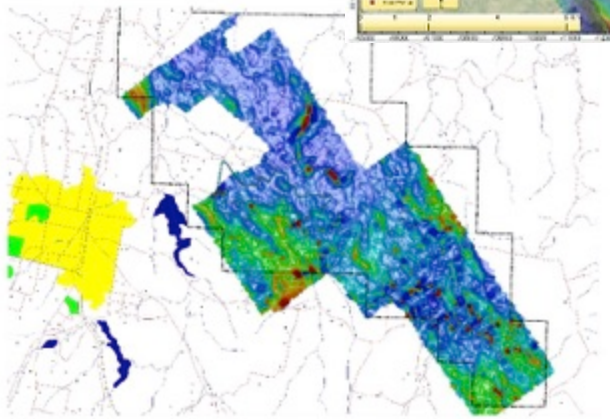
Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *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.*	Rock chip samples • These samples are collected from outcrop, float, or other exposure. • Samples are clear of organic matter. Soil samples • These samples are collected from the "C" soil horizon at depths up to 75cm deep or just above bedrock in shallow sub crop areas. • The samples are screened to minus 355 micron and are free of organic matter. • In order to optimize the samples ability to represent the mineralization, the samples are collected from the "C" horizon in order to mitigate the misrepresentation caused by transported material. • These sampling methods are standard industry methods and are believed to provide acceptably representative samples for the type of mineralisation encountered.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details.*	• Not applicable
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	• Not applicable
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*	• Samples logged with recording of colour and potential lithology based on nearby outcropping rock (noted in "comments"). Samples are sieved (-1mm) in the field before being placed into Calico bags. The samples are later sieved to -355 micron and reference material kept in chip trays for each sample
Sub-sampling techniques and sample preparation	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	• All rock chip samples (Blanks) are crushed then pulverised in a ring pulveriser (LM5) to a nominal 90% passing 75 micron. An approximately 100g pulp sub-sample is taken from the large sample and residual material stored • A quartz flush (approximately 0.5 kilogram of white, mediumgrained sand) is put through the LM5 pulveriser prior to each new batch of samples. A number of quartz flushes are also put through the pulveriser after each massive sulphide sample to ensure the bowl is clean prior to the next sample being processed. A selection of this pulverised quartz flush material is then analysed and reported by the lab to gauge the potential level of contamination that may be carried through from one sample to the next.
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.* • *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.*	• Sample preparation and assaying is being conducted through ALS Laboratories, Orange, NSW with certain final analysis of pulps being undertaken at the ALS Laboratory in Perth WA and Brisbane QLD and/or Bureau Veritas Laboratories in Adelaide. • Gold is determined by 30g fire assay fusion with ICP-AES analysis to 1ppb LLD. • Other elements by mixed acid digestion followed by ICPAES analysis. • Laboratory quality control standards (blanks, standards and duplicates) are inserted at a rate of 5 per 35 samples for ICP work. • Godolphin also insert blanks and standards at a frequency of 1 per 10-15 samples.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• An internal review of results was undertaken by Company personnel. No independent verification was undertaken at his stage. • All field and laboratory data has been entered into an industry standard database using a database administrator (DBA). Validation of both the field and laboratory data is undertaken prior to final acceptance and reporting of the data. • Quality control samples from both the Company and the Laboratory are assessed by the DBA and reported to the Company geologists for verification. All assay data must pass this data verification and quality control process before being reported.
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.*	• Soil sample locations were collected using a hand-held GPS unit with 2m accuracy.
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.*	• Samples were collected on surface using a 100m by 50m grid. • No compositing of samples occurred.
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.*	• Not applicable
Sample security	• *The measures taken to ensure sample security.*	• Samples are being secured in paper soil sample bags and packed in boxes and are transported to the laboratory via a courier service or with Company personnel/contractors.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• GRL have not yet conducted an audit of the ALS laboratory in Orange.

Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.*	• The Lewis Ponds project is comprised of tenement EL5583 located approximately 14km east-northeast of the city of Orange, central New South Wales, Australia. Local relief at the site is between 700 and 900m above sea level. Access to the area is by sealed and gravel roads and a network of farm tracks. • The exploration rights to the project are owned 100% by the Godolphin Resources through the granted exploration license EL5583. • Security of $55,000 is held by the Department of Planning and Environment in relation to EL5583 • The project is on partly cleared private land, most of which is owned by Godolphin Resources. Access agreements are in place for the private land surrounding the main deposit area. There are no national parks, reserves or heritage sites affecting the project area. At this stage security can only be enhanced by continued engagement with stakeholders and maintaining profile in the city of Orange in particular.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	EL 5583 was granted to TriAusMin in 1999 for an area of 71 units and replaced three previously held exploration licenses (EL 1049, EL 4137 and EL 4432). In the 2006 renewal, the license was party relinquished to 57 units and the following year TriAusMin purchased 289 hectares of freehold land over Lewis Ponds. Upon renewal in 2011, EL 5583 was reduced to 51 units for a further term until 24th June 2014. The second renewal of EL 5583 was granted until June of 2017 with no reduction in tenement size. On August 5th 2014, TriAusMin underwent a corporate merger with Heron Resources Limited which resulted in Heron acquiring 100% of EL 5583 and the 289 hectares of freehold land over Lewis Ponds. In 2017, Ardea Resources Ltd was "spun out" as a new company, and gained ownership of EL 5583, with TriAusmin becoming a wholly owned subsidiary of Ardea. In 2019, Godolphin Resources Ltd was "spun out" as a new company, and gained ownership of EL 5583, with TriAusmin becoming a wholly owned subsidiary of Godolphin. In the 1850's gold was discovered at Ophir. At this time Lewis ponds was already a small mining camp. Shallow underground mining took place at Spicer's, Lady Belmore, Tom's Zone and on several mines in the Icely area during the period 1887 to 1921. In 1964, a number of major companies including Aquitaine, Amax, Shell and Homestake explored the region looking for depth and strike extensions of the Lewis Ponds mineralization but failed to intersect significant mineralization. These companies had drilled approximately 8,500 meters. Not commonly noted, but of great significance is the fact that much of Lewis Ponds' early development was in lieu of the high grades of silver in its ores. It appears that silver was the major commodity mined at different points of the mines' history.
Geology	• *Deposit type, geological setting and style of mineralization.*	The Lewis Ponds Project occurs on the western margin of the Hill End Trough in the eastern Lachlan Fold Belt, which hosts a range of base metals in volcanic-hosted massive sulphide deposits (VMS), porphyry copper-gold and gold deposits, including Woodlawn (polymetallic), Cadia-Ridgeway (Cu-Au), North Parkes (Cu-Au), Copper Hill (Cu-Au), Tomingley (Au) and McPhillamys (Au). The Molong Volcanic Belt is west of the EL 5583 and comprises Ordovician to early Silurian basal units of mafic to ultramafic volcanic and sedimentary rocks of the Kenilworth and Cabonne Groups. These units are separated from the Hill End Trough by the extensive Godolphin Fault Thrust System. The Mumbil Group unconformably overlies the Molong Volcanic Belt and comprises shallow-water Later Silurian sequence of felsic volcanics, volcaniclastics, siltstone and limestone. Part of this Group is the Barnby Hills Formation at Lewis Ponds and comprises (tuffaceous) siltstones overlying limestone and rhyodacitic volcaniclastics. To the east and conformably overlying rocks of the Mumbil Group, siltstone and minor sandstone units form part of the Silurian-Early Devonian Hill End Trough sedimentary sequence The Lewis Ponds deposit is located in a locally highly structured zone within the western limb of a north-west plunging syncline. The deposit consists of stratabound, disseminated to massive sulphide lenses. The deposit is hosted in Silurian felsic to intermediate volcanic rocks as a thin, mostly fine-grained sedimentary unit with occasional limestone lenses that has undergone significant deformation and is now defined as a steeply east dipping body with mineralization that occurs over a strike length of more than 2km. The Southern mineralization occurs within a limestone breccia and Tom's mine is hosted by siltstone and consists of fine-grained tuffaceous sediments. The mineralized zones unconformably overlie a sequence of strongly foliated and hydrothermally altered quartz-plagioclase dacite. Mineralization occurs in two main styles: plunging shoots of thicker, high-grade mineralization within the anticline and syncline axes; and as tabular lenses in fold limbs and shear zones.

Criteria	JORC Code explanation	Commentary
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:*	Total drilling at Lewis Ponds to the date of this report was 63,334.64 meters comprising of: • 117 primary diamond holes for 41,253.43 meters • 30 wedged diamond holes for 15,077.51 meters • 9 diamond tails to RCP holes for 2,094.50 meters • 57 RCP holes for 4,909.20 meters
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*	• No grade aggregation, weighting, or cut-off methods were used for this announcement.
Relationship between mineralization 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.*	The mineralized units generally dip steeply to the east. Drilling has almost exclusively been conducted from the east resulting in acceptable intersection angles with the mineralized units. The drill angles vary, but is generally at 60 degrees down, resulting in mineralized intersections slightly longer than the true width. Interpretation of the mineralized units honor the true width.
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 can be found I the body of the announcement.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or*	• Results reported in this announcement have associated “from” and “to” depth to highlight their location down hole. The results reported in this announcement are not currently used in any estimation calculations. NOTE: If more detailed results are required, a request can be made to GRL.

Criteria	JORC Code explanation	Commentary
	widths should be practiced to avoid misleading reporting of Results.	
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.*	A Magnetic TMI survey was conducted in 2004 and found magnetic anomalies south east of Lewis Ponds.  A Hoist Electro Magnetic survey was also done at the same time. 
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• Drilling to test along strike and up/down dip mineralization extent.

Appendix 2: Table of soil sample results discussed in this ASX release. (Note: This is a complete list of samples, but not off all the elements. A complete list can be requested and supplied pending GRL Board approval.

SampleID	Type	North MGA	East MGA	Au ppm	Ag pm	As ppm	Ba ppm	Bi ppm	Cu ppm	Mo ppm	Pb ppm	Te ppm
GRS01255	SOIL	6315879	710346.7	0.449	0.83	16.5	480	2.57	200	2.22	1110	-0.05
GRS01256	SOIL	6315863	710320.8	0.058	5.29	25.7	620	2.71	383	2.15	3500	0.07
GRS01257	SOIL	6315850	710294.8	0.016	0.58	12.7	680	1.71	251	1.34	144.5	-0.05
GRS01258	SOIL	6315830	710270.5	0.014	0.45	21.3	840	1.72	276	1.12	149.5	-0.05
GRS01259	SOIL	6315815	710242.7	0.056	1.07	41.3	970	5.02	944	1.91	337	-0.05
GRS01260	SOIL	6315797	710218.4	0.046	1.88	39.4	780	9.32	1580	2.16	340	0.05
GRS01261	SOIL	6315782	710189.9	0.091	3.3	50.2	550	19.5	3100	3.13	529	0.06
GRS01262	SOIL	6315764	710163.9	0.098	5.64	52.1	490	40.4	2400	3.69	608	0.13
GRS01263	SOIL	6315750	710144.3	0.226	10.55	21.4	690	145	3920	6.79	256	0.23
GRS01264	SOIL	6315736	710112.7	0.018	0.45	4.3	860	35.2	966	1.71	26.8	0.05
GRS01265	SOIL	6315718	710088.3	0.02	0.48	4.4	1140	28.4	1030	1.46	31.8	-0.05
GRS01266	SOIL	6315700	710055	0.021	0.34	3.1	2030	3.95	421	1.14	28.6	-0.05
GRS01267	SOIL	6315686	710035.3	0.003	0.26	4.9	2320	5.66	172.5	1.67	25.9	-0.05
GRS01268	SOIL	6315668	710010.2	0.002	0.26	6.3	1820	2.09	111	0.81	16.7	-0.05
GRS01269	SOIL	6315654	709982.9	0.007	0.23	1.9	1410	2.64	107.5	0.79	16	-0.05
GRS01270	SOIL	6315634	709958.4	0.003	0.2	5.6	1720	0.99	118	1.06	14.7	-0.05
GRS01271	SOIL	6315994	710239.4	0.015	1.27	4.7	180	7.8	407	2.34	711	0.05
GRS01272	SOIL	6315976	710212.3	2.27	11.15	586	160	31	579	22.3	3690	0.28
GRS01273	SOIL	6315960	710187.1	0.1	2.94	35.9	970	1.5	193.5	3.48	381	-0.05
GRS01274	SOIL	6315944	710162.4	0.071	3.8	47	1090	1.32	224	5.03	286	-0.05
GRS01275	SOIL	6315929	710134.9	0.222	1.26	18.4	770	2.3	449	6.87	396	-0.05
GRS01276	SOIL	6315912	710110.9	0.043	0.53	11.4	610	3.55	427	11	50.8	-0.05
GRS01277	SOIL	6315896	710084.3	0.04	1.51	10.9	380	8.8	1350	16.35	89.7	-0.05
GRS01278	SOIL	6315879	710060.3	0.019	0.62	5.9	620	9.18	1180	15.75	54.2	0.06
GRS01279	SOIL	6315863	710036.1	0.014	0.43	3	830	14.15	804	9.04	28.7	0.05
GRS01280	SOIL	6315850	710006.9	0.084	0.98	4.2	880	6.71	1210	17.75	22.3	0.05
GRS01281	SOIL	6315826	709983.8	0.006	0.32	3.7	1190	1.39	240	5.03	31.9	-0.05
GRS01282	SOIL	6315820	709954.4	0.004	0.21	4.8	1030	0.68	47.2	8.62	15.4	-0.05
GRS01283	SOIL	6315801	709926.5	0.007	0.81	39.4	1130	1.42	29.8	10.1	24.7	-0.05
GRS01284	SOIL	6315782	709898.7	0.006	0.7	4.6	990	1.08	82	7.56	45	-0.05
GRS01285	SOIL	6315764	709879.1	-0.002	0.21	2.6	610	1.17	47.5	8.85	146.5	-0.05
GRS01478	SOIL	6316837	709225.6	0.01	0.26	9.6	737	0.4	48.5	0.9	48.5	0.1
GRS01479	SOIL	6316863	709268.1	0.01	0.21	10.4	746	0.34	49	0.6	25.5	0.1
GRS01480	SOIL	6316889	709310.6	0.01	0.21	8.8	713	0.37	47	0.7	28.5	0.1
GRS01481	SOIL	6316752	709278.2	-0.01	0.26	11	787	0.39	52.5	0.7	30	-0.1
GRS01482	SOIL	6316778	709320.7	-0.01	0.32	9.6	976	0.47	37.5	0.9	40.5	-0.1
GRS01483	SOIL	6316804	709363.2	0.01	0.4	6.8	967	0.5	37.5	0.7	43.5	-0.1
GRS01484	SOIL	6316831	709405.7	0.01	0.5	10.4	1120	0.41	45.5	1	51.5	-0.1
GRS01485	SOIL	6316857	709448.2	-0.01	0.42	5.8	1060	0.59	46	1	55	-0.1
GRS01486	SOIL	6316667	709330.8	0.01	0.29	11.8	1000	0.54	45.5	1	37	0.1
GRS01487	SOIL	6316693	709373.4	-0.01	0.21	7.8	1380	0.49	31	0.6	35	-0.1
GRS01488	SOIL	6316719	709415.9	0.01	0.45	13	957	0.57	41.5	1	114	-0.1
GRS01489	SOIL	6316746	709458.4	0.03	0.83	7.4	851	0.56	45	0.6	66	-0.1
GRS01490	SOIL	6316772	709500.9	0.14	0.81	10.4	1090	0.49	44.5	1.1	81	-0.1
GRS01491	SOIL	6316798	709543.4	0.01	0.67	9.6	1940	0.5	53.5	1	170	-0.1

GRS01493	SOIL	6316825	709585.9	-0.01	0.33	6	2690	0.35	28	0.7	30.5	-0.1
GRS01494	SOIL	6316851	709628.4	0.03	0.41	21	986	0.39	51.5	0.8	42.5	-0.1
GRS01495	SOIL	6316582	709383.5	-0.01	0.12	8.6	850	0.4	44	1	32	-0.1
GRS01496	SOIL	6316608	709426	-0.01	0.21	13.2	1060	0.46	35	0.9	41.5	-0.1
GRS01497	SOIL	6316634	709468.5	0.04	12.6	52	1630	0.88	247	0.8	858	-0.1
GRS01498	SOIL	6316661	709511	1.38	26.1	145	1760	1.35	511	0.9	2330	-0.1
GRS01499	SOIL	6316687	709553.5	0.02	1.22	21.2	931	0.52	64.5	0.6	192	-0.1
GRS01500	SOIL	6316713	709596	-0.01	1.16	16.8	1450	0.62	53	1	148	-0.1
GRS01501	SOIL	6316740	709638.6	0.01	0.65	4.8	1520	0.36	40	0.8	40.5	-0.1
GRS01502	SOIL	6316766	709681.1	0.01	0.58	18.8	2750	0.42	44.5	0.8	57.5	-0.1
GRS01503	SOIL	6316792	709723.6	0.14	0.52	15.4	1690	0.34	32.5	0.6	45	-0.1
GRS01504	SOIL	6316819	709766.1	0.01	0.67	12.2	948	0.42	46	1.1	59	-0.1
GRS01505	SOIL	6316497	709436.1	-0.01	0.3	6.8	629	0.39	27	0.4	57.5	-0.1
GRS01506	SOIL	6316523	709478.7	-0.01	0.55	15	726	0.51	67.5	1.1	66.5	-0.1
GRS01508	SOIL	6316549	709521.2	0.04	0.8	20.6	1020	0.6	55	1.1	74	-0.1
GRS01509	SOIL	6316576	709563.7	0.26	11.8	33.2	1200	1.06	295	1	1420	-0.1
GRS01510	SOIL	6316602	709606.2	0.25	13.1	48.4	1260	1.2	394	0.9	1430	-0.1
GRS01511	SOIL	6316626	709642.4	0.13	9.41	69	1070	1.05	243	1.1	927	-0.1
GRS01512	SOIL	6316652	709682.2	0.2	14.3	30.6	1140	1.22	352	1	1510	-0.1
GRS01513	SOIL	6316412	709488.8	-0.01	0.11	3.8	517	0.26	23	0.5	32.5	-0.1
GRS01514	SOIL	6316438	709531.3	-0.01	0.43	7.8	619	0.4	31.5	0.7	40	-0.1
GRS01515	SOIL	6316464	709573.8	0.07	2.12	34.4	656	0.58	84	0.8	407	-0.1
GRS01516	SOIL	6316491	709616.3	0.07	3.07	15.8	658	0.39	63.5	0.6	217	-0.1
GRS01517	SOIL	6316517	709658.8	0.08	2.86	11	665	0.37	53.5	0.7	195	-0.1
GRS01518	SOIL	6316543	709701.3	0.09	11	111	146	6.2	226	2.5	549	-0.1
GRS01519	SOIL	6316570	709743.8	0.04	3.39	59.6	1290	1.3	90.5	1	512	-0.1
GRS01520	SOIL	6316596	709786.4	0.1	3.69	40.4	7160	0.7	122	1.2	379	-0.1
GRS01521	SOIL	6316622	709828.9	0.86	11	33.6	1830	0.47	141	1.1	1060	-0.1
GRS01523	SOIL	6316648	709871.4	0.2	1.68	25.2	1200	0.41	88	0.7	172	0.3
GRS01524	SOIL	6316675	709913.9	-0.01	0.59	10	1060	0.51	54	0.9	54.5	-0.1
GRS01525	SOIL	6316701	709956.4	0.01	0.52	5	948	0.29	50	0.6	40	0.2
GRS01526	SOIL	6316727	709998.9	0.03	0.25	8.6	912	0.5	59.5	0.7	33	-0.1
GRS01527	SOIL	6316754	710041.4	-0.01	1.17	8.6	728	0.36	50.5	0.5	105	0.2
GRS01528	SOIL	6316327	709541.4	-0.01	0.04	2.4	1010	0.23	13.5	0.5	24	-0.1
GRS01529	SOIL	6316353	709583.9	-0.01	0.1	2.6	832	0.23	13	0.3	30.5	-0.1
GRS01530	SOIL	6316379	709626.5	-0.01	0.32	9.2	782	0.46	26	0.4	55.5	-0.1
GRS01531	SOIL	6316406	709669	0.7	7.05	93.8	967	0.71	209	1	1360	0.1
GRS01532	SOIL	6316432	709711.5	0.41	8.63	81.6	1520	1.61	365	1	2160	0.1
GRS01533	SOIL	6316458	709754	0.03	3.84	33.2	1000	0.71	111	0.9	519	-0.1
GRS01534	SOIL	6316484	709796.5	0.05	1.7	56.2	611	1.57	116	1.1	919	-0.1
GRS01535	SOIL	6316511	709839	0.02	1.87	13.6	1600	0.49	66.5	0.6	479	-0.1
GRS01536	SOIL	6316537	709881.5	0.92	1.47	15.2	1730	1.21	109	1.2	405	-0.1
GRS01538	SOIL	6316563	709924	0.02	1.6	15.4	1270	1.32	74.5	1.3	350	-0.1
GRS01539	SOIL	6316590	709966.5	0.18	2.18	7.4	1340	0.34	45.5	0.8	212	-0.1
GRS01540	SOIL	6316616	710009	0.12	0.96	10.2	1080	0.3	40	0.7	78.5	-0.1
GRS01541	SOIL	6316642	710051.6	0.02	0.16	8.4	1010	0.54	76.5	0.6	43.5	-0.1
GRS01542	SOIL	6316242	709594.1	0.01	0.03	4.8	641	0.22	12.5	0.4	24.5	-0.1
GRS01543	SOIL	6316268	709636.6	-0.01	0.06	5.8	590	0.26	15.5	0.7	19	-0.1

GRS01544	SOIL	6316294	709679.1	-0.01	0.04	4.4	708	0.28	15	0.5	16.5	-0.1
GRS01545	SOIL	6316320	709721.6	-0.01	0.19	4	868	0.29	20.5	0.8	34.5	-0.1
GRS01546	SOIL	6316347	709764.1	0.01	0.26	3.4	682	0.25	16	0.5	26	-0.1
GRS01547	SOIL	6316373	709806.6	0.08	2.04	5.4	615	0.29	88	0.8	162	-0.1
GRS01548	SOIL	6316399	709849.1	-0.01	4.65	25.4	599	1.06	358	0.9	1480	-0.1
GRS01549	SOIL	6316426	709891.7	0.01	6.28	14	2780	0.37	74	0.7	58	-0.1
GRS01550	SOIL	6316452	709934.2	0.03	1.19	15.8	1460	0.29	46	0.6	38.5	-0.1
GRS01551	SOIL	6316478	709976.7	0.04	2.92	51.6	995	0.53	188	2	1390	-0.1
GRS01553	SOIL	6316505	710019.2	0.11	0.9	113	1960	0.46	211	1.7	4260	-0.1
GRS01554	SOIL	6316531	710061.7	0.04	1.7	164	1440	0.52	190	3	1720	-0.1
GRS01555	SOIL	6316557	710104.2	0.01	0.88	60.6	773	0.32	73.5	1.4	1230	-0.1
GRS01556	SOIL	6316584	710146.7	-0.01	0.17	6.6	654	0.29	26.5	0.9	68	-0.1
GRS01557	SOIL	6316157	709646.7	-0.01	0.03	4.6	734	0.36	24.5	0.7	33.5	-0.1
GRS01558	SOIL	6316183	709689.2	0.01	0.02	3.8	682	0.29	18.5	0.6	17	-0.1
GRS01559	SOIL	6316209	709731.7	-0.01	0.1	7.4	633	0.28	20.5	0.6	40.5	-0.1
GRS01560	SOIL	6316235	709774.3	-0.01	0.05	5.6	642	0.28	10.5	0.6	21	-0.1
GRS01561	SOIL	6316262	709816.8	0.01	0.17	3.4	589	0.27	22.5	0.7	24.5	-0.1
GRS01562	SOIL	6316288	709859.3	0.02	1.48	5.4	620	0.22	84.5	0.6	58.5	-0.1
GRS01563	SOIL	6316314	709901.8	0.08	1.82	24	689	0.27	147	0.8	93	-0.1
GRS01564	SOIL	6316341	709944.3	0.03	2.05	9.4	2050	0.34	52.5	0.9	40	-0.1
GRS01565	SOIL	6316367	709986.8	1.37	3.4	49.8	3500	0.27	64	1.9	233	-0.1
GRS01566	SOIL	6316393	710029.3	0.14	1.18	83.2	1590	2.95	365	25.6	2770	0.3
GRS01568	SOIL	6316420	710071.8	-0.01	4.5	159	1660	0.8	335	5.6	1490	0.2
GRS01569	SOIL	6316446	710114.3	0.01	0.99	52.6	3810	0.34	115	1.5	383	0.4
GRS01570	SOIL	6316472	710156.8	0.01	0.34	13.6	1670	0.28	38	0.9	95.5	0.2
GRS01571	SOIL	6316071	709699.4	-0.01	0.06	2.4	803	0.32	17.5	0.6	25	0.1
GRS01572	SOIL	6316098	709741.9	-0.01	0.05	1.2	599	0.24	8.5	0.6	18.5	-0.1
GRS01573	SOIL	6316124	709784.4	0.02	0.08	4.4	582	0.3	18	1.3	34	-0.1
GRS01574	SOIL	6316150	709826.9	-0.01	0.07	5.8	750	0.46	17.5	1.6	24.5	-0.1
GRS01575	SOIL	6316177	709869.4	0.01	0.47	2.4	744	0.58	108	3.7	71.5	-0.1
GRS01576	SOIL	6316203	709911.9	0.01	0.45	2.8	730	0.36	48.5	2.7	63	-0.1
GRS01577	SOIL	6316229	709954.4	-0.01	0.85	6.6	689	0.68	78	4.2	97	-0.1
GRS01578	SOIL	6316256	709996.9	0.04	1.92	31	814	1.9	459	3.2	987	-0.1
GRS01579	SOIL	6316282	710039.5	0.09	4.67	41.8	1150	0.86	219	2.2	873	-0.1
GRS01580	SOIL	6316308	710082	0.06	3.52	36	1270	0.95	293	2.6	776	-0.1
GRS01581	SOIL	6316335	710124.5	0.07	3.6	66	1200	1.59	195	2.4	1200	-0.1
GRS01583	SOIL	6316361	710167	0.01	0.62	8.2	625	0.4	57.5	1.6	138	-0.1
GRS01584	SOIL	6316387	710209.5	0.01	0.64	12.4	1630	0.36	54	0.8	80	-0.1
GRS01585	SOIL	6316414	710252	0.01	0.13	7	470	0.44	16	0.8	38	-0.1
GRS01586	SOIL	6315986	709752	0.02	0.15	9.6	548	0.36	57.5	1.9	23	0.1
GRS01587	SOIL	6316013	709794.5	0.02	0.1	5	683	0.39	20.5	2.3	20	-0.1
GRS01588	SOIL	6316039	709837	0.01	0.18	2.8	735	0.63	24.5	3.1	27	-0.1
GRS01589	SOIL	6316065	709879.6	0.01	0.19	5	679	0.36	34	2.1	24.5	-0.1
GRS01590	SOIL	6316092	709922.1	0.01	0.47	12.2	1020	0.74	106	2.4	181	-0.1
GRS01591	SOIL	6316118	709964.6	0.03	2.94	30.6	572	1.9	358	2.1	362	-0.1
GRS01592	SOIL	6316144	710007.1	6.2	19.8	170	528	6.57	1730	3.2	10400	-0.1
GRS01593	SOIL	6316171	710049.6	0.33	5.58	54.4	1050	0.91	187	1.4	667	-0.1
GRS01594	SOIL	6316250	710177.1	0.03	2.53	136	1750	0.69	1310	2.1	5280	-0.1

GRS01595	SOIL	6316276	710219.6	0.03	1.84	23.4	1150	0.61	119	2	876	-0.1
GRS01596	SOIL	6316302	710262.1	0.02	0.57	4.8	1120	0.29	45.5	0.8	264	-0.1
GRS01598	SOIL	6316329	710304.7	0.02	0.37	5.4	844	0.27	37	4.2	95.5	-0.1
GRS01599	SOIL	6315875	709762.5	0.02	0.3	2.8	643	0.62	59	5.6	55.5	-0.1
GRS01600	SOIL	6315901	709804.7	0.01	0.27	12	660	1.45	65	4.3	421	-0.1
GRS01601	SOIL	6315928	709847.2	0.01	0.34	3	606	0.42	59.5	4.6	73.5	-0.1
GRS01602	SOIL	6315954	709889.7	0.01	0.35	6.8	618	1.55	66.5	3.1	228	-0.1
GRS01603	SOIL	6315980	709932.2	0.03	0.23	6.4	726	0.88	118	3.8	57.5	-0.1
GRS01604	SOIL	6316007	709974.7	0.02	0.4	3.2	1010	2.83	243	10.6	39	-0.1
GRS01605	SOIL	6316033	710017.2	0.05	0.64	12.2	818	2.38	254	2.5	165	-0.1
GRS01606	SOIL	6316059	710059.7	0.23	1.6	64.6	896	2.89	502	2.7	2640	-0.1
GRS01607	SOIL	6316086	710102.2	0.17	2.89	40.8	1130	0.93	138	1	345	-0.1
GRS01608	SOIL	6316112	710144.7	0.04	2.96	31.6	2560	1.84	243	1.6	1330	-0.1
GRS01609	SOIL	6316138	710187.3	0.03	2.2	40.2	2050	1.41	228	2.8	1460	-0.1
GRS01610	SOIL	6316165	710229.8	0.02	0.92	29.6	1050	0.61	128	2.3	1120	-0.1
GRS01611	SOIL	6316191	710272.3	0.02	0.31	3.6	1320	0.39	61.5	0.8	207	-0.1
GRS01613	SOIL	6316217	710314.8	0.01	0.39	7.8	2600	0.8	52.5	2.6	119	-0.1
GRS01614	SOIL	6316244	710357.3	0.01	0.23	20.4	1140	0.44	55	1	60	-0.1
GRS01615	SOIL	6315764	709772.3	0.01	0.11	1.6	695	0.4	59.5	1.5	250	-0.1
GRS01616	SOIL	6315790	709814.8	0.01	0.1	4.6	873	0.71	65	2.4	28.5	-0.1
GRS01617	SOIL	6315816	709857.3	0.01	0.26	12.6	681	1.47	61.5	6	180	-0.1
GRS01618	SOIL	6315843	709899.8	0.01	0.22	4.2	821	0.34	77.5	4.9	30.5	-0.1
GRS01619	SOIL	6315869	709942.3	0.01	0.1	1.8	1040	0.28	139	3.5	16	-0.1
GRS01620	SOIL	6315895	709984.8	0.02	0.77	4.6	216	1.73	1110	4.5	15	-0.1
GRS01621	SOIL	6315922	710027.4	0.08	1.35	4.4	385	5.57	1320	7	36	-0.1
GRS01622	SOIL	6315948	710069.9	0.1	0.64	16.6	806	2.03	165	8.8	67	-0.1
GRS01623	SOIL	6315974	710112.4	0.81	3.83	68.6	1790	2.08	274	3.1	448	-0.1
GRS01624	SOIL	6316001	710154.9	0.11	5.17	79	2250	1.91	315	3.6	933	-0.1
GRS01625	SOIL	6316027	710197.4	0.01	1.68	8.4	598	2.32	158	2	431	-0.1
GRS01626	SOIL	6316053	710239.9	0.02	0.99	20.8	1560	2.77	458	4.6	1410	-0.1
GRS01628	SOIL	6316080	710282.4	0.02	0.47	7.8	1860	0.61	169	3.1	538	-0.1
GRS01629	SOIL	6316106	710324.9	0.01	0.38	3.4	1560	0.48	50.5	0.7	142	-0.1
GRS01630	SOIL	6316132	710367.4	0.01	0.27	9.2	1360	0.78	46	2.5	165	-0.1
GRS01631	SOIL	6316159	710409.9	0.02	0.19	7.8	676	0.31	28	1	52	-0.1
GRS01632	SOIL	6315649	709776.4	0.02	0.06	8	527	0.64	51	0.5	31	-0.1
GRS01633	SOIL	6315677	709821.8	0.02	0.03	9	1020	0.39	56.5	0.7	17	-0.1
GRS01634	SOIL	6315704	709865.3	0.01	0.1	16	770	1.24	72	1.1	21	-0.1
GRS01635	SOIL	6315731	709910	0.02	0.63	5	1060	1.84	53	4.5	44.5	-0.1
GRS01636	SOIL	6315758	709952.5	0.03	0.44	4.8	1260	1.01	79.5	6.7	16.5	-0.1
GRS01637	SOIL	6315784	709995	0.02	0.34	3.6	1690	1.69	113	11.2	20.5	-0.1
GRS01638	SOIL	6315810	710037.5	0.01	0.34	1.6	1050	7.37	391	4.6	13.5	-0.1
GRS01639	SOIL	6315837	710080	0.03	0.6	5.2	672	15.3	874	12.5	54	-0.1
GRS01640	SOIL	6315863	710122.5	0.02	1.31	11.4	772	4.48	970	5.1	221	-0.1
GRS01641	SOIL	6315889	710165	0.11	1.99	21.2	1230	2.79	584	10.6	375	-0.1
GRS01643	SOIL	6315916	710207.5	0.03	0.87	29.4	837	0.85	87	2.1	141	-0.1
GRS01644	SOIL	6315942	710250	0.03	0.84	11.2	870	1.3	223	1	536	-0.1
GRS01645	SOIL	6315968	710292.6	0.02	0.3	24.8	1520	0.71	37	1	140	-0.1
GRS01646	SOIL	6315995	710335.1	0.01	0.23	12.8	1120	0.51	32	0.9	88	-0.1

GRS01647	SOIL	6316021	710377.6	0.02	0.27	7.6	1120	0.55	45.5	0.9	131	-0.1
GRS01648	SOIL	6315567	709835.1	0.01	0.09	6	1010	1.2	26	0.5	23	-0.1
GRS01649	SOIL	6315594	709877.6	0.01	0.07	4.2	1520	1.95	101	0.4	12.5	-0.1
GRS01650	SOIL	6315620	709920.1	0.01	0.1	2.8	1110	0.64	36	0.9	7.5	-0.1
GRS01651	SOIL	6315910	710387.7	0.02	0.45	13.4	694	1.66	102	1.7	368	-0.1
GRS01652	SOIL	6315936	710430.2	0.03	0.27	7.8	1090	0.68	42.5	1.1	107	-0.1
GRS01653	SOIL	6315962	710472.7	0.01	0.24	5.4	1280	1.61	504	0.9	87	-0.1
GRS01654	SOIL	6315989	710515.6	0.01	0.1	2.2	726	0.7	87	3.5	34	-0.1
GRS01655	SOIL	6316015	710554	-0.01	0.05	0.8	368	0.65	20.5	0.7	14.5	-0.1
GRS01656	SOIL	6315479	709882	0.01	0.09	3.6	1460	0.45	16	0.7	18.5	-0.1
GRS01658	SOIL	6315510	709931.5	0.01	0.06	2.8	1670	0.19	29	0.5	16.5	-0.1
GRS01659	SOIL	6315535	709972.7	0.02	0.03	3.6	2760	0.25	29	0.7	11.5	-0.1
GRS01660	SOIL	6315561	710015.3	0.03	0.06	2	2050	1.63	22	0.5	12.5	-0.1
GRS01661	SOIL	6315588	710057.8	0.01	0.18	3.6	3600	0.69	313	0.5	9.5	-0.1
GRS01662	SOIL	6315614	710100.3	0.07	0.17	2.8	2030	7.24	579	0.7	17.5	-0.1
GRS01663	SOIL	6315640	710142.8	0.02	0.3	3.2	2000	15.6	1240	1.4	12.5	-0.1
GRS01664	SOIL	6315667	710185.3	0.02	0.52	7.8	1040	4.95	642	0.8	11	-0.1
GRS01665	SOIL	6315693	710227.8	0.07	1.95	32.6	650	7.61	599	1.3	469	-0.1
GRS01666	SOIL	6315719	710270.3	0.05	1.99	25.6	1090	2.9	471	1	270	-0.1
GRS01667	SOIL	6315746	710312.8	0.04	1.59	26.8	824	2.01	261	0.9	210	-0.1
GRS01668	SOIL	6315777	710363.3	0.01	0.68	11.4	319	5.93	19.5	1.1	338	-0.1
GRS01669	SOIL	6315801	710401.9	0.03	0.84	7.6	857	1.83	35	0.8	84	-0.1
GRS01670	SOIL	6315829	710448.2	0.02	0.16	7.8	1310	1.9	170	1.1	49.5	-0.1
GRS01671	SOIL	6315855	710489.9	0.09	0.16	5.4	880	1.45	100	1	37.5	-0.1
GRS01673	SOIL	6315397	709940.4	0.01	0.03	1	1880	0.24	8	0.6	13	-0.1
GRS01674	SOIL	6315424	709982.9	0.01	0.07	3.2	2140	0.2	21	0.9	9	-0.1
GRS01675	SOIL	6315450	710025.4	0.03	0.05	8.2	2560	0.24	30.5	0.7	8.5	-0.1
GRS01676	SOIL	6315476	710067.9	0.02	0.08	7.6	3070	0.45	74	0.7	6	-0.1
GRS01677	SOIL	6315503	710110.4	0.01	0.36	5.8	2950	2.99	1030	1.2	15	0.2
GRS01678	SOIL	6315529	710152.9	0.02	0.23	4	2210	5.9	673	1.1	9.5	0.1
GRS01679	SOIL	6315555	710195.4	0.06	0.44	3	1210	30.7	1280	2	26	0.1
GRS01680	SOIL	6315582	710237.9	0.02	0.69	10.6	554	3.86	249	0.6	15	-0.1
GRS01681	SOIL	6315608	710280.5	0.04	3.34	20.2	713	3.95	470	1	274	-0.1
GRS01682	SOIL	6315634	710323	0.12	2.8	52	710	5.5	391	2.2	1220	-0.1
GRS01683	SOIL	6315661	710365.5	0.03	0.95	32	775	1.04	111	2	799	-0.1
GRS01684	SOIL	6315687	710408	0.02	0.45	4.6	733	0.68	16.5	1	94.5	-0.1
GRS01685	SOIL	6315713	710450.5	0.02	0.46	11.4	1320	1.66	29.5	1.1	31.5	-0.1
GRS01686	SOIL	6315740	710493	0.03	0.33	12.2	2100	1.11	92	0.5	296	0.1
GRS01688	SOIL	6315766	710535.5	0.01	0.73	19	676	0.59	32.5	1.2	55	-0.1
GRS01689	SOIL	6315792	710578	-0.01	0.03	3.2	564	0.84	9.5	0.2	22	-0.1
GRS01690	SOIL	6315312	709993	0.02	0.05	2	575	0.82	13.5	1.2	17	-0.1
GRS01691	SOIL	6315339	710035.5	0.01	0.03	4.2	2150	0.45	15.5	0.7	10	-0.1
GRS01692	SOIL	6315365	710078	-0.01	0.08	5.8	2050	0.54	33	1	8	-0.1
GRS01693	SOIL	6315391	710120.5	-0.01	0.05	7	1990	1.51	34	0.7	7	-0.1
GRS01694	SOIL	6315418	710163.1	-0.01	0.08	6.8	2100	1.35	251	0.7	6	-0.1
GRS01695	SOIL	6315444	710205.6	0.01	0.08	4.2	2230	1.59	315	0.7	9	-0.1
GRS01696	SOIL	6315470	710248.1	0.01	0.12	2.2	877	5.57	292	1.1	12	0.1
GRS01697	SOIL	6315497	710290.6	0.65	0.41	4.2	818	9.57	483	0.7	13.5	0.1

GRS01698	SOIL	6315523	710333.1	0.05	1.8	34.2	710	6.88	409	1.3	75	-0.1
GRS01699	SOIL	6315549	710375.6	0.09	5.65	35.6	1660	4.24	254	1.3	583	-0.1
GRS01700	SOIL	6315576	710418.1	0.08	2.65	64.4	1110	1.97	148	1.8	871	-0.1
GRS01701	SOIL	6315603	710461.7	0.03	0.58	20.2	618	1.43	23	1.1	170	-0.1
GRS01703	SOIL	6315628	710502.4	0.02	0.05	4.8	1060	0.31	15.5	0.8	27.5	-0.1
GRS01704	SOIL	6315656	710548	0.02	0.17	13.2	1440	1.3	31.5	0.8	54.5	-0.1
GRS01705	SOIL	6315684	710592.8	0.01	0.08	37.4	487	0.8	6	1.8	37.5	-0.1
GRS01706	SOIL	6315227	710045.7	-0.01	-0.01	3.6	1460	0.17	33.5	0.5	7	-0.1
GRS01707	SOIL	6315254	710088.2	0.03	0.08	18.6	1560	1.29	15.5	1.2	31	-0.1
GRS01708	SOIL	6315280	710130.7	0.01	0.1	11.8	1570	0.86	30	0.7	58.5	-0.1
GRS01709	SOIL	6315306	710173.2	-0.01	0.05	28.6	1990	1.4	44.5	0.9	13	0.2
GRS01710	SOIL	6315333	710215.7	0.01	-0.01	9	1870	1.36	370	0.6	6.5	-0.1
GRS01711	SOIL	6315359	710258.2	-0.01	0.08	2.2	1610	2.86	423	1.1	13.5	-0.1
GRS01712	SOIL	6315385	710300.7	0.02	0.17	5.6	1530	8.33	1530	1	19.5	-0.1
GRS01713	SOIL	6315412	710343.2	0.01	0.49	8.2	865	4.93	140	1.3	19.5	-0.1
GRS01714	SOIL	6315438	710385.7	0.01	0.48	20	807	2.37	143	0.9	16	-0.1
GRS01715	SOIL	6315464	710428.3	0.07	2.45	73.4	1090	3.02	247	2	693	-0.1
GRS01716	SOIL	6315491	710470.8	0.05	1.11	46.4	1100	2.31	218	1.7	550	-0.1
GRS01718	SOIL	6315517	710513.3	0.03	0.87	37.6	747	1.87	172	2.6	453	-0.1
GRS01719	SOIL	6315543	710555.8	0.01	0.41	13	1500	2.7	626	1.2	75	-0.1
GRS01720	SOIL	6315570	710598.3	0.02	0.56	17.2	1550	2.74	653	1.5	96	-0.1
GRS01721	SOIL	6315596	710640.8	0.01	0.47	9	1210	2.79	236	2	138	-0.1
GRS01722	SOIL	6315622	710683.3	0.01	0.13	3.6	1480	1.49	85	1.4	56	-0.1
GRS01723	SOIL	6315142	710098.3	0.01	-0.01	6.2	1680	0.5	49	0.6	9	-0.1
GRS01724	SOIL	6315169	710140.8	-0.01	-0.01	6	1210	0.51	6	0.8	11.5	-0.1
GRS01725	SOIL	6315195	710183.3	0.06	0.02	12.2	1650	0.78	33.5	0.7	13.5	-0.1
GRS01726	SOIL	6315221	710225.8	0.01	-0.01	5.2	1900	4.23	309	0.5	10.5	-0.1
GRS01727	SOIL	6315248	710268.4	0.01	-0.01	5.2	1530	1.62	284	0.7	9.5	-0.1
GRS01728	SOIL	6315274	710310.9	-0.01	-0.01	2.6	1610	1.43	454	0.9	8	-0.1
GRS01729	SOIL	6315300	710353.4	0.01	0.18	1	1540	3.29	414	0.7	8	-0.1
GRS01730	SOIL	6315327	710395.9	0.02	0.24	34.4	556	3.85	596	0.9	11	-0.1
GRS01731	SOIL	6315353	710438.4	0.06	0.44	27.8	441	1.4	90	0.9	38	-0.1
GRS01733	SOIL	6315379	710480.9	0.03	0.23	54.8	752	1.34	38.5	2.4	64.5	-0.1
GRS01734	SOIL	6315406	710523.4	0.01	0.36	88.2	962	0.68	58	1.4	131	-0.1
GRS01735	SOIL	6315432	710566.3	0.02	0.31	32.6	728	0.76	17.5	1.8	109	-0.1
GRS01736	SOIL	6315458	710608.4	-0.01	0.31	15.8	469	0.43	21.5	1	53	-0.1
GRS01737	SOIL	6315484	710650.8	0.01	0.59	1.8	544	2.15	16.5	1.3	172	-0.1
GRS01738	SOIL	6315513	710696.9	-0.01	0.19	4.2	877	2.3	15.5	2.5	44.5	-0.1
GRS01739	SOIL	6315057	710151	-0.01	-0.01	5.2	1030	0.18	7	0.9	9.5	-0.1
GRS01740	SOIL	6315084	710193.5	0.02	-0.01	5	1730	0.25	8	0.6	8.5	0.3
GRS01741	SOIL	6315110	710236	0.03	0.04	6.2	1700	0.79	239	0.6	9	0.2
GRS01742	SOIL	6315136	710278.5	0.01	0.02	6.4	1450	1.46	213	0.7	6.5	0.1
GRS01743	SOIL	6315163	710321	0.01	0.02	3.8	1160	1.23	204	0.7	9.5	-0.1
GRS01744	SOIL	6315189	710363.5	0.02	0.24	3.8	1670	4.92	1350	1.6	9	0.2
GRS01745	SOIL	6315215	710406	0.01	0.04	2.8	1620	0.89	120	1	13	-0.1
GRS01746	SOIL	6315242	710448.5	-0.01	0.23	2.8	1400	2.52	111	1.3	16.5	-0.1
GRS01748	SOIL	6315268	710491	0.02	0.36	20.2	699	1.65	61.5	1.1	43.5	0.1
GRS01749	SOIL	6315294	710533.5	0.05	0.42	72	918	1.25	52.5	2.2	148	-0.1

GRS01750	SOIL	6315321	710576.1	0.05	0.65	80	725	0.9	55	2	147	-0.1
GRS01751	SOIL	6315347	710618.6	0.02	0.37	29.2	626	1.51	22	1.5	63	-0.1
GRS01752	SOIL	6315373	710661.1	0.01	0.61	51	782	5.89	81	5.7	584	0.1
GRS01753	SOIL	6315400	710703.6	0.02	1.54	41	812	8.53	304	14.2	2920	0.1
GRS01754	SOIL	6315426	710746.1	-0.01	0.16	8.4	579	2.2	33.5	3.1	123	0.1
GRS01755	SOIL	6315452	710788.6	-0.01	0.03	2.6	694	1.32	25.5	2.3	48	-0.1
GRS01756	SOIL	6315478	710831.1	0.01	-0.01	3	520	2.32	18	3.5	18.5	-0.1
GRS01757	SOIL	6315505	710873.6	0.01	-0.01	3.4	284	1.46	28.5	1.8	16	-0.1
GRS01758	SOIL	6315531	710916.1	0.01	-0.01	4.2	655	1.29	22.5	1.5	27.5	-0.1
GRS01759	SOIL	6315559	710960.1	-0.01	0.21	7.4	1030	1.25	232	1.5	53.5	-0.1
GRS01760	SOIL	6315078	710373.6	0.01	-0.01	8	1200	1.27	345	0.7	29.5	-0.1
GRS01761	SOIL	6315104	710416.2	0.01	0.05	6.2	1120	3.3	797	0.8	7	-0.1
GRS01763	SOIL	6315130	710458.7	0.01	0.2	3	1220	3.14	737	1.2	14	-0.1
GRS01764	SOIL	6315157	710501.2	0.07	0.25	7.6	1150	4.88	249	1.1	113	-0.1
GRS01765	SOIL	6315183	710543.7	0.04	0.39	48.2	1420	2.23	169	1.3	415	-0.1
GRS01766	SOIL	6315209	710586.2	0.04	0.39	57.6	1100	0.89	54.5	1.2	90.5	-0.1
GRS01767	SOIL	6315236	710628.7	0.02	0.3	14.6	507	1.2	50.5	1.3	74.5	-0.1
GRS01768	SOIL	6315262	710671.2	0.03	0.09	29	733	0.65	21.5	1.1	43	-0.1
GRS01769	SOIL	6315289	710714.3	-0.01	0.05	5.4	528	0.67	19.5	1.3	30	-0.1
GRS01770	SOIL	6315313	710753.3	0.02	0.57	45.2	2400	0.75	192	1.5	2900	-0.1
GRS01771	SOIL	6315344	710803.7	0.01	0.1	6.2	924	1	1060	0.9	44	-0.1
GRS01772	SOIL	6315369	710845	0.01	0.26	9.6	814	1.51	2150	1.1	49	-0.1
GRS01773	SOIL	6315048	710516.2	0.01	0.03	2.6	981	1.16	148	0.7	25.5	-0.1
GRS01774	SOIL	6315072	710553.8	0.01	0.25	4.8	1330	2.6	438	1	35	-0.1
GRS01775	SOIL	6315098	710596.3	0.01	0.2	10	994	1.3	75.5	1	127	-0.1
GRS01776	SOIL	6315124	710638.8	0.01	0.2	5.8	791	0.67	26	1.1	72	-0.1
GRS01778	SOIL	6315150	710681.4	0.02	0.41	13.2	573	0.79	26.5	1.5	34.5	-0.1
GRS01779	SOIL	6315177	710723.9	0.01	0.31	13.2	715	2.32	8.5	2.7	38	-0.1
GRS01780	SOIL	6315203	710766.4	0.01	0.34	9	669	1.11	11.5	1.7	34	-0.1
GRS01781	SOIL	6315229	710808.9	0.07	0.42	545	2360	0.91	18.5	2	165	-0.1
GRS01782	SOIL	6315256	710851.4	0.02	0.03	36.2	2000	1.92	33	1.5	215	-0.1
GRS01783	SOIL	6315282	710893.9	-0.01	-0.01	9	966	1.29	18.5	1.4	26	-0.1
GRS01784	SOIL	6315042	710696.7	-0.01	0.73	27.8	782	2.19	43	3.4	180	-0.1
GRS01785	SOIL	6315069	710739.2	0.02	1.65	39.6	655	1.14	21.5	1.8	58	-0.1
GRS01786	SOIL	6315095	710781.7	0.02	0.5	18.6	684	1.41	28.5	1.8	42.5	0.3
GRS01787	SOIL	6315121	710824.2	0.01	0.23	5.2	529	0.88	18	1.7	39	0.2
GRS01788	SOIL	6315146	710862.1	0.01	0.06	3.4	418	0.36	20.5	0.8	20	0.2
GRS01789	SOIL	6315172	710904.6	0.01	0.09	4.2	633	0.45	13.5	0.9	20	-0.1
GRS01790	SOIL	6315198	710947.1	0.01	0.22	3.8	565	0.46	19.5	1	18	-0.1
GRS01791	SOIL	6315015	710842.9	0.02	0.41	20	654	1.65	13.5	3.5	37	0.1
GRS01793	SOIL	6315042	710885.4	0.02	0.16	92.6	587	0.41	22	1	19.5	-0.1
GRS01794	SOIL	6315068	710927.9	0.02	0.06	7.6	343	0.26	19	1	15.5	-0.1
GRS01795	SOIL	6315094	710970.4	-0.01	-0.01	6.8	919	0.49	40	1	18	0.1
GRS01796	SOIL	6315121	711012.9	0.01	-0.01	3.6	525	0.32	15	0.8	10	-0.1