GREAT DIRT
RESOURCES LTD.

ASX ANNOUNCEMENT
10th April 2024

Soil Sampling Defines Multiple 3km Manganese soil trends, Junior South Extension Rock Chips Up To 50% Mn

Follow-up soil sampling at the Doherty Manganese Project (NSW) expands manganese anomalies in all areas with several anomalous trends extending over 3km. Correlation of soil trends and geophysical targets is encouraging. Rock chip sampling of aerial geophysical targets yielded up to 50.88% Mn.

HIGHLIGHTS

- **Follow-up soil and rock chip sampling completed over the Doherty Manganese Project, a historic producer of battery and metallurgical grade manganese.**
- **Doherty 1 Mn anomaly trend is now defined as a 3km long, NE striking manganese in soil anomaly, thickening from 200m to 500m and coincident with aerial geophysical targets TMM06, 07 and 11.**
- **Junior Mine and surrounds have three coherent, elongate manganese in soil trends that are parallel, trending NNE, and link occurrences and old workings.**
- **The three Junior trends are each 3.5km long and 50-200m wide and are coincident with multiple manganese targets from aerial geophysical work (TMM01, 02, 03, 04, and TSM01 and 02).**
- **Rock chip samples recently assayed from the southern extension of Junior graded up to 50.88% Mn, between Junior and Neranghi, on Junior 1 trend.**
- **Further extensional soil geochemistry to be collected south, west and north of Junior trends, and northwest and possibly south of Doherty trend.**

Great Dirt's Managing Director, Marty Helean commented.

"We are extremely happy to see how well geochemical and geophysical work are coming together. Field operations are moving along steadily with our focus maintained on expanding and building upon previous sampling. As further definition of trends occur, future ground based geophysics can be planned."

Great Dirt Resources Limited (ASX: GR8) ("Great Dirt" or "the Company") is pleased to announce recently returned assays from Australian Laboratory Services (ALS) in Brisbane, for the latest soil geochemical work from the 100% owned Doherty Manganese Project in NSW within EL 9527.

This most recent field work has comprised predominantly soil geochemistry, completed on 200m and 100m lines with 50m spacings within the Doherty Project either extending or infilling previous work.

A total of 560 soil geochemical samples were taken from both the Doherty and Junior areas of the Doherty Project. In this highly prospective area 200m lines were initially developed and quickly followed up with 100m line spaced samples due to the broad and elongate manganese response.

During the program a further 13 rock chip samples were taken from outcrop encountered while soil sampling and in the locating of some geophysical targets.

Aerial survey targets MM02 and MM03 were visited south of the Junior Mine and rock chip samples were taken returning 50.88% Mn (GRR231) and 47.62% Mn (GRR 230). The confirmation of coincident aerial geophysical anomalies and high grade manganese outcrops clearly defines significant targets for follow-up high resolution ground based geophysical surveys.

Junior Area

The manganese in soil trends around, and to the west of the Junior Mine continue to be refined as denser soil geochemical data is developed by field crews. While the broad manganese response remains there are 3, possibly 4, anomalous trends within the broader response.

These trends named Junior 1, 2, and 3 (see Figure 1) are coherent NNE trending zones of manganese anomalism. These elongate trends with strike lengths of around 3.5km can be 50 to >200m wide.

The Junior 1 trend contains the historical Junior Mine that produced mostly metallurgical grade manganese and the shallow Neranghi workings around 1.2km south. It is also coincident with TMM01, 02 and 03 manganese targets derived from the aerial geophysical survey. This can be seen in the following Figure 1. TMM01 is coincident with the Junior mine and TMM03 with Neranghi, TMM02 is located in between.

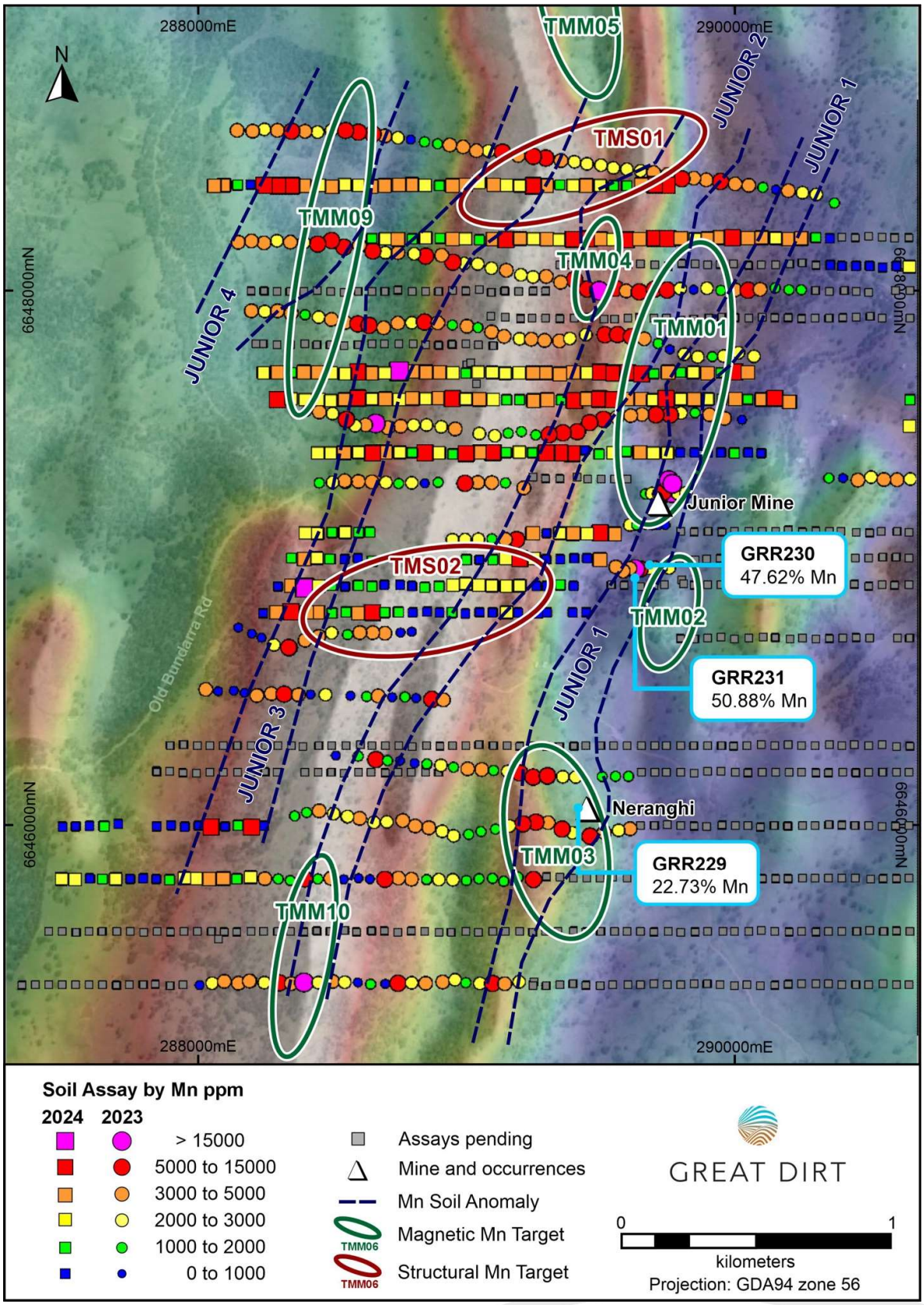

Figure 1 :Junior area showing coherent manganese trends Junior 1-4, with aerial targets on aerial image background

Field checking of geophysical target TMM02 (300m south of the Junior Mine, 850m north of Neranghi) located several trenches, one containing a short, mostly collapsed working. Massive manganese ore was located in one face of the trench which was sampled and returned 50.88% Mn (GRR231). Samples located nearby a large boulder of manganese float returned 47.62% Mn (GRR 230).

The left-hand-side photo below shows the Junior South trench with Junior Mine in the upper right hand part of the frame.

Figure 2 :Junior South trench (LHS photo) where rock samples GRR230 (47.62% Mn) and GRR231 (50.88%Mn) were taken field checking geophysical anomaly TMM02. Sample GRR231 was collected from outcrop in the wall of the trench (RHS photo).

While field checking TMM03, the Neranghi workings were located which hadn't been visited by field crews previously. Most signs of old workings are no longer visible but nearby is an outcrop with some manganese mineralisation and areas of quartz brecciation. Grab samples from the manganese mineralisation assayed 22.73% Mn (GRR229).

Junior 2 trend lies to the west of Junior 1 and is coincident with TMM04 and TMS01 to the north, TMS02 centrally and TMM10 in the south. Further infill sampling is still at the laboratory and results will further refine this trend when available.

Junior 3 trend is west of Junior 1 and 2. This trend is partially coincident to TMS01 and 02 and further extension of sampling to the north will determine if it is responsible for TMM05.

Junior 1, 2 and 3 trends remain open to the north and south, while Junior 4 is unconfined to date and is likely to extend south. Upcoming field work will push the soil geochemistry to the north and south and west.

Doherty Area

The recent geochemical soil sampling at Doherty has brought the sample line spacings in and better defined the targets at and around the Doherty Mine (Figure 3 below). This has given much more structure to the Doherty trend which is now around 3km long and between 200 and 500m wide.

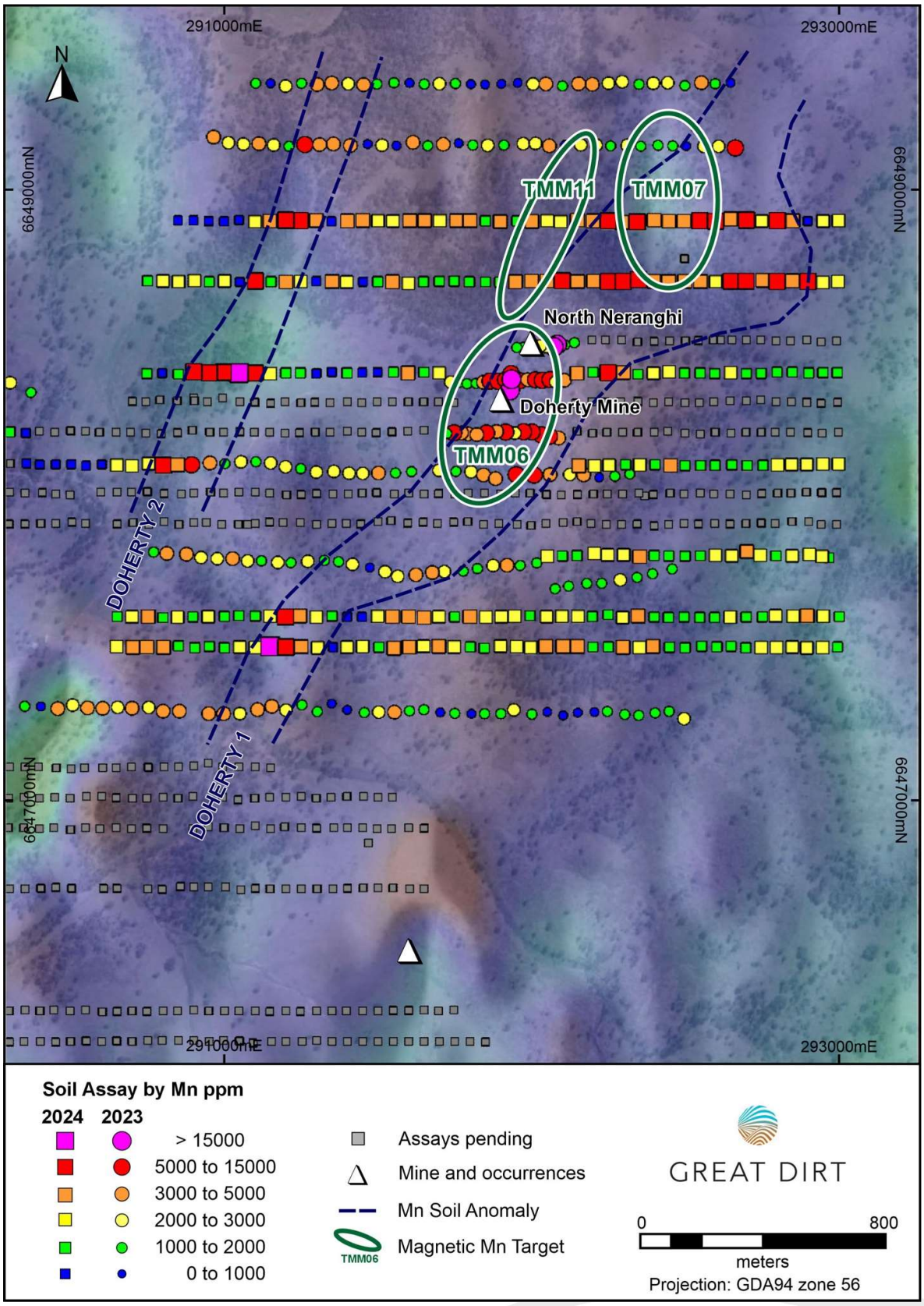

Figure 3 :Doherty area showing coherent manganese trends Doherty 1 and 2, with aerial geophysical targets on aerial image

This Doherty 1 trend which encompasses the old battery and metallurgical manganese producer, the Doherty Mine and nearby workings at North Neranghi, is now much more defined. There is also a thickening in the soil anomaly which is coincident with geophysical manganese targets TMM07, TMM11 and TMM06. The thickening of the soil anomaly matches well with TMM011 and TMM07 located at the north and NNE of the Doherty Mine. TMM11 and 07 are around 500m in length each and trend NNE from the old mine area.

The Doherty 2 trend is not fully resolved but samples still at the laboratory, plus work being presently planned, will further define this trend.

The soil program will be extended to the northeast to better constrain the Doherty trend. Further south, more work may also be required once samples that are currently at the laboratory are received and interpreted.

Ongoing Work

More geochemistry will extend and better refine trends to help determine which of the developed targets is the most prospective based on a combination of geochemical and geophysical data.

Junior 1, 2 and 3 trends remain open to the north and south, while Junior 4 is unconfined to date and is likely to extend south. Upcoming field work will push the soil geochemistry to the north and south and west. The soil program will need to be extended to the north east to better constrain the Doherty trend, and likely south.

Figure 4 shows the geochemical samples that have been reported, are at laboratory, or are planned for the coming weeks.

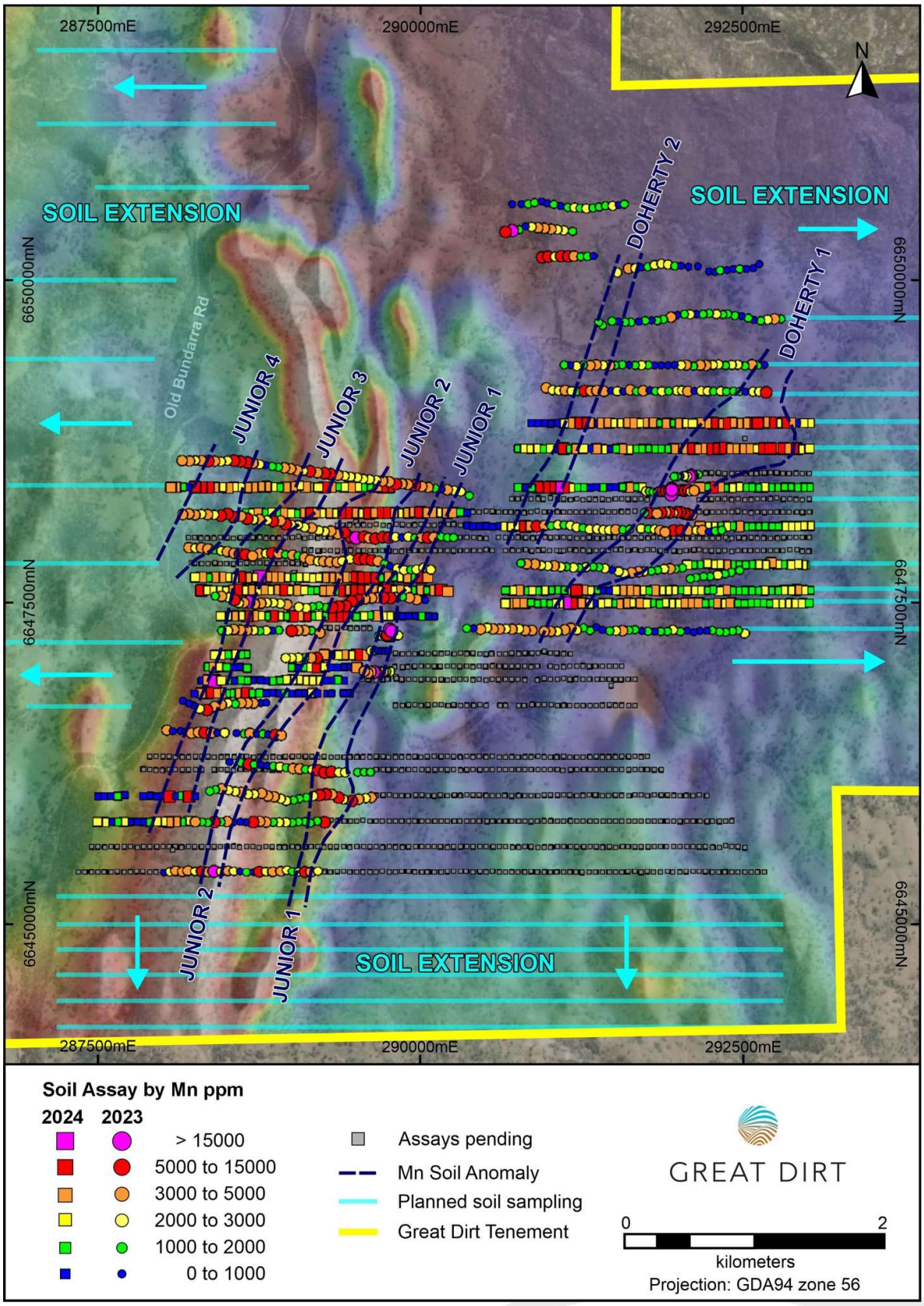

Figure 4 :Plans to expand soil sampling program on aerial image

Exploration Target Potential

The results of the ongoing and expanding geochemical and geophysical survey confirm there is significant potential for important new discoveries. Additionally, it must be assumed that some blind deposits that have no surface expression have until now gone undiscovered. The combination of the known and unknown deposits represents a large exploration target when considering the sheer expansive size of prospective geological units that could contain them.

EL9527 represents a large, fertile area for district-scale volcanogenic-exhalative stratiform manganese oxide deposits, that potentially underlie and surround the numerous known occurrences of manganese oxide deposits. A potential modern day analogue is the Clarion Clipperton zone on the Northern Pacific seafloor that extends over thousands of square kilometres a contains extensive deposits of seafloor manganese nodules and crusts.

Recent multi-element assays of samples collected confirm the high-grade manganese oxide has clear chemical affinities with submarine volcanic-sedimentary exhalative Mn deposits. Particularly in view of the high Mn/Fe ratio and anomalous concentrations of Ba, Sr, Co, Cu, As and W that are signature characteristics of deep marine fumarolic modern day manganese deposits. This strongly implies a submarine volcanic exhalative environment of deposition.

The discovery of extensive primary exhalative stratiform manganese oxide deposits close to the major population and manufacturing centres of Australia could lead to downstream processing of high purity manganese.

Authorised for release to the ASX by the Board of Great Dirt Resources LTD.

For further information, please visit or contact:

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info@greatdirt.com.au

About Great Dirt Resources LTD

Great Dirt's Doherty and Basin Projects are contained within EL 9527, located near the Barraba township, in northern NSW. These projects are prospective for high-grade manganese, with both projects having produced metallurgical and battery grade manganese historically. The Doherty Project comprises the old Doherty and Junior Mines, plus other workings and occurrences of manganese. The Basin Project contains several smaller manganese workings.

From 1941, for two decades, mines of the Doherty Project produced around 9,000 tonnes of battery and metallurgical grade manganese, both from opencut and underground operations. The battery grade ore was delivered to Eveready in Sydney for use in dry cell batteries, the metallurgical grade ore was purchased by BHP for use in steel production.

Great Dirt believes that historical work, while having discovered manganese, is unlikely to have located all sources in the area. Floaters, large rock fragments in the soil profile, of high-grade manganese ore reported outside known mine areas are a direct indication of unidentified manganese mineralisation. Additionally, notes on the mineral occurrences of the area refer to extensions and deposits along strike that were not mined.

A program of modern, systematic, geochemical and geophysical surveys will test known targets and their extents and could locate previously unrecognised blind deposits. Subsurface geophysical methods and drilling is likely to yield further targets that could be developed into projects to produce metallurgical and battery grade manganese.

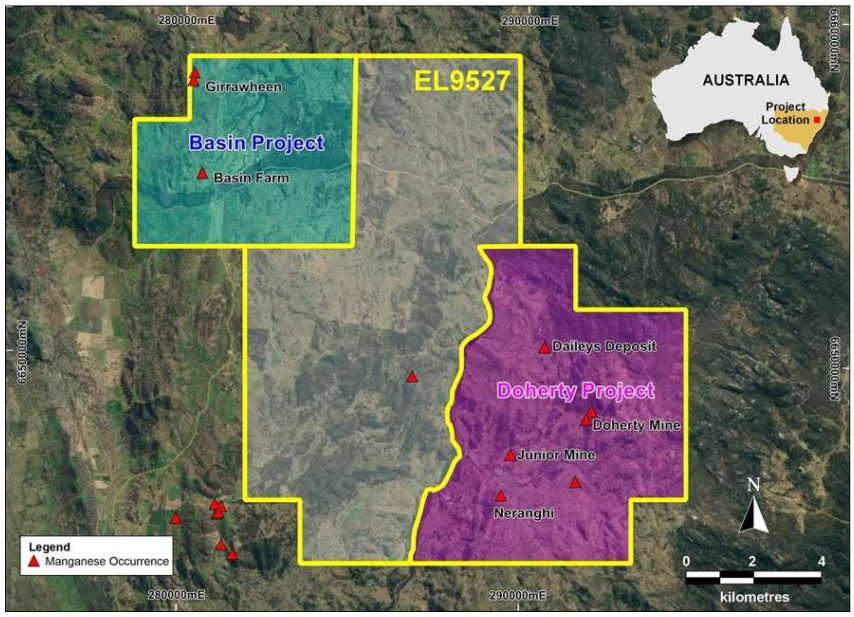

Figure 8 : Multiple known surface manganese oxide deposits are present across two large projects areas (Basin Project and Doherty Project) within the 168km² EL9527

Competent Person's Statement

Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Mr Michael Leu, who is a Member of the Australian Institute of Geoscientists and a Member of the Australasian Institute of Mining and Metallurgy. Mr Leu is the geological consultant for Great Dirt Resources Limited. Mr Michael Leu has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person, as defined in the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Michael Leu consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

No New Information

Except where explicitly stated, this announcement contains references to prior exploration results, all of which have been cross-referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements.

Forward Looking Statement

This report contains forward looking statements concerning the projects owned by Great Dirt Resources LTD. If applicable, statements concerning mining reserves and resources may also be deemed to be forward looking statements in that they involve estimates based on specific assumptions. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-

looking statements as a result of a variety of risks, uncertainties and other factors. Forward looking statements are based on management's beliefs, opinions and estimates as of the dates the forward looking statements are made and no obligation is assumed to update forward looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	SOIL SAMPLES • A total of 560 soil samples were collected, 50 metre sample spacings, along east-west sampling lines approx. 100-200m apart. • Samples were collected at an average of 10cm below surface. Average soil sample size collected was about 500grams. • Field duplicates were not collected. • To ensure industry standards, soil samples were dispatched to ALS Minerals (Brisbane) and prepared and analysed by the following methods. • SAMPLE PREPARATION ALS CODE / DESCRIPTION WEI-21 Received Sample Weight LEV-01 Waste Disposal Levy LOG-22 Sample login - Rcd w/o BarCode PUL-31 Pulverize up to 250g 85% <75 um TRA-21 Transfer sample PUL-QC Pulverizing QC Test ANALYTICAL PROCEDURES ALS CODE / DESCRIPTION / INSTRUMENT ME-ICP61 34 element four acid ICP-AES ICP-AES ROCK SAMPLES • 13 rock samples reported in this release. Rock samples comprised rock chip samples that were collected with a geological hammer from outcrop and float samples. These were collected at the discretion of the field geologist. Rocks were sampled selectively to ensure a high-level of representivity of rock types observed at each site. This style of "grab" sampling enables preliminary/indicative metal grade and rock elemental compositions to be ascertained, however, it is not as representative as continuous chip channel sampling or drilling. • Rock samples were collected into labelled calico bags. • To ensure industry standards, rock samples were dispatched to ALS Minerals (Brisbane) and prepared and analysed by the following methods.

Criteria	JORC Code explanation	Commentary
		SAMPLE PREPARATION ALS CODE / DESCRIPTION WEI-21 Received Sample Weight LEV-01 Waste Disposal Levy LOG-22 Sample login - Rcd w/o BarCode CRU-21 Crush entire sample CRU-31 Fine crushing - 70% <2mm PUL-31 Pulverize up to 250g 85% <75 um SPL-21 Split sample - riffle splitter BAG-21 Raw Sample in a new bag PUL-QC Pulverizing QC Test **ANALYTICAL PROCEDURES** ALS CODE / DESCRIPTION / INSTRUMENT ME-MS61 48 element four acid ICP-MS ME-XRF26s Chromite/Manganese ore - Disc / XRF XRF ME-GRA05 H2O/LOI by TGA furnace TGA
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	• Not applicable to soil sampling program
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Not applicable to soil sampling program • N/A • N/A
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• Rock-chip Samples were geologically described and photographed at the time of collection by a qualified geologist. The descriptions were of sufficient detail to support the current work. • Not applicable to soil sampling program
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of*	SOIL SAMPLES • In the field approximately 0.2kg of bulk unsieved sample was collected into a sealed into plastic bag. • If the site location was deemed to have possible transported material, either the soil sample was not taken, or taken from a different site • To ensure industry best practice the sample

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td></td><td>the sample preparation technique.
• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.
• Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.
• Whether sample sizes are appropriate to the grain size of the material being sampled.</td><td>preparation technique was undertaken by accredited laboratory ALS as follows:

SAMPLE PREPARATION
ALS CODE | DESCRIPTION
WEI-21 Received Sample Weight
CRU-QC Crushing QC Test
PUL-QC Pulverizing QC Test
LEV-01 Waste Disposal Levy
LOG-22 Sample login - Rcd w/o BarCode
CRU-31 Fine crushing - 70% <2mm
SPL-22Y Split Sample - Boyd Rotary Splitter
PUL-32 Pulverize 1000g to 85% < 75 um
BAG-01 Bulk Master for Storage
CRU-21 Crush entire sample

• The sample sizes are standard industry practice sample sizes collected under standard industry conditions and by standard methods that are considered appropriate for the medium being sampled, the laboratory techniques employed and the type and style of mineralisation which might be encountered at this project.

• Sample sizes are considered appropriate for the style of mineralisation sought.</td></tr>
<tr><td>Quality of assay data and laboratory tests</td><td>• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.
• For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.
• Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</td><td>SOIL SAMPLES
• The techniques and practices are appropriate for the sample type and style of mineralisation.
• Individual field soil samples are stored in numbered, sealed plastic sample bags for transport and at the laboratory.
• The assaying and laboratory procedures are appropriate and were undertaken by accredited laboratory ALS.
• Results for the standards and duplicates were within the normal accepted range of tolerance for the metals and elements of interest. Additionally, the laboratory is accredited and uses its own certified reference material that includes one of its internal standards or blanks.
• Method ME-ICP61 reports 34 elements

<table>
<tr><th>CODE</th><th colspan="8">ANALYTES & RANGES (ppm)</th></tr>
<tr><td rowspan="10">ME-ICP61
0.25g sample</td><td>Ag</td><td>0.5-100</td><td>Cr</td><td>1-10000</td><td>Mo</td><td>1-10000</td><td>Th</td><td>20-10000</td></tr>
<tr><td>Al</td><td>0.01-50%</td><td>Cu</td><td>1-10000</td><td>Na</td><td>0.01-10%</td><td>Ti</td><td>0.01-10%</td></tr>
<tr><td>As</td><td>5-10000</td><td>Fe</td><td>0.01-50%</td><td>Ni</td><td>1-10000</td><td>Tl</td><td>10-10000</td></tr>
<tr><td>Ba</td><td>10-10000</td><td>Ga</td><td>10-10000</td><td>P</td><td>10-10000</td><td>U</td><td>10-10000</td></tr>
<tr><td>Be</td><td>0.5-1000</td><td>K</td><td>0.01-10%</td><td>Pb</td><td>2-10000</td><td>V</td><td>1-10000</td></tr>
<tr><td>Bi</td><td>2-10000</td><td>La</td><td>10-10000</td><td>S</td><td>0.01-10%</td><td>W</td><td>10-10000</td></tr>
<tr><td>Ca</td><td>0.01-50%</td><td>Li</td><td>10-10000</td><td>Sb</td><td>5-10000</td><td>Zn</td><td>2-10000</td></tr>
<tr><td>Cd</td><td>0.5-1000</td><td>Mg</td><td>0.01-50%</td><td>Sc</td><td>1-10000</td><td></td><td></td></tr>
<tr><td>Co</td><td>1-10000</td><td>Mn</td><td>5-100000</td><td>Sr</td><td>1-10000</td><td></td><td></td></tr>
</table>

ROCK SAMPLES
• Samples collected were representative of the material identified during fieldwork
• To ensure industry best practice the sample preparation technique was undertaken by accredited laboratory ALS as follows: All samples were submitted to either ALS laboratories where entire samples were dried,</td></tr>
</table>

Criteria	JORC Code explanation	Commentary
		crushed and pulverised (to 85% passing 75 microns) prior to sub-sampling for assay. Standardised equipment used with QC performed at the pulverisation stage at the labs. • Sample sizes are considered appropriate for the style of mineralisation sought.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• The Company's exploration manager reviewed the assay results. The Company utilises industry standard sampling techniques and accredited independent assay laboratories. • All sample data was captured in excel spreadsheets and plotted using GIS software. Assay results were merged with the primary data when received electronically from the laboratory using established database protocols. • No adjustments were made to any assays for soil data • All analytical results received are compiled into a central database. • There are no adjustments to the assay data. The data is received from the lab and is then entered into the central data base. • All reported data was subjected to validation and verification by company personnel prior to reporting. The data is checked and verified prior to entering into a master database. All original records are kept on file. GR8 has done sufficient verification of the data, in the Competent Person's opinion to provide sufficient confidence that sampling was performed to adequate industry standards and is fit for the purpose of planning exploration programs and generating targets for investigation. • The use of twinned holes is not applicable to surface geochemical sampling programs
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• Handheld Garmin GPS controlled soil and rock sample locations with error range of ± 3 to 5 metres for easting and northing. • MGA94 grid. • Topographic control is adequate as measured by the Handheld Garmin GPS. • All current data is in MGA94 grid system.
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.*	• Soil samples were collected at 50 metre sample spacings, along east-west sampling lines typically 200m apart, then reducing from this to 100m • Reported results are for orientation geochemical surveys and carried out prior to more systematic sampling over areas of known mineralisation. The purpose of this survey is to determine what the background values of elements of interest are in non-mineralised areas, helping to define

Criteria	JORC Code explanation	Commentary
	• *Whether sample compositing has been applied.*	thresholds which determine what constitutes an anomalous response. The data spacing and distribution was not intended and is not sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. • The work completed was appropriate for the current early exploration stage. • Compositing has not been applied.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	SOIL SAMPLES • The only known mineralisation parameters are those of the historical workings which have a range of strikes and dips. • The soil sampling assay defines a geochemical surface expression and depending on sample spacing maybe used to interpret possible mineralisation strikes. Rock-chip samples are collected when interesting material is located in the field. • Soil samples are on a fixed grid and are unbiased. • From the information available, no sampling bias issues have been identified to date. • Limited structural data has been considered in the sampling. • No drilling undertaken or reported.
Sample security	• *The measures taken to ensure sample security.*	• The chain of custody for all samples from collection to dispatch to assay laboratory is managed by GR8 personnel. The level of security is considered appropriate for exploration surface sampling programs • Samples collected in the field placed in a secure, lockable room in the residence of the exploration team. • Samples were carefully packaged into several cardboard boxes that were sealed with copious wraps of heavy-duty packing tape. These were delivered to Australia Post in Barraba, delivered them to ALS in Brisbane.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews have been carried out at this time on the sampling campaigns. Due to the early stage of exploration, project-specific standard and technical procedures are still being adjusted.

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 licence to operate in the area.*	• The Doherty and Basin Manganese Projects are contained within EL 9527 held Great Dirt Pty. Ltd. that is a wholly-owned subsidiary of by Great Dirt Resources LTD. • The Great Dirt Resources LTD holds 100% interest and all rights in the Doherty and Basin Manganese Projects. • EL9527 lies within predominantly rural free-hold land requiring Great Dirt Pty. Ltd. to enter into formal land access agreements with individual landowners, prior to any field activity, as prescribed by New South Wales State Law including the Mining Act 1992. The Great Dirt Pty. Ltd. has rural land access agreements over the majority of EL 9527 • EL9527 is considered to be in good standing.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• All historical exploration records are publicly available via the Geological Survey of New South Wales's websites: DIGS®, Digital Imaging Geological System, (search.geoscience.nsw.gov.au) and Minview (minview.geoscience.nsw.gov.au). Key Sources of Exploration done by other parties include: • Brown R.E., Brownlow J.W. & Krynen J.P. 1992. Manilla– Narrabri 1:250 000 Metallogenic Map, Metallogenic study and Mineral Deposit Data sheets. Geological Survey of New South Wales, Department of Mineral Resources, Sydney. Mineral Deposit Data Sheet MAO186 Daileys Deposit page 177; Mineral Deposit Data Sheet MAO188 North Neranghi page 178; Mineral Deposit Data Sheet MAO189 Dougherty Mine (Hungerford and Spencer's Deposit) page 178; Mineral Deposit Data Sheet MAO190 Junior Mine page 179; Mineral Deposit Data Sheet MAO191 Neranghi page 179 • Fitzpatrick K.R. 1975. Woolomin–Texas Block: Woolomin beds and associated sediments. In: Markham N.L. & Basden H. eds. The mineral deposits of New South Wales, pp. 338–349. Geological Survey of New South Wales, Sydney. • Hall L.R. 1959. Manganese. Geological Survey of New South Wales, Mineral Industry 25 • Lloyd A. C., (GS1943/008) Mine Inspector's report 1951, 1954, 1956, 1957, 1958, 1959, 1960, 1961 and 1962 (MR02854, D004054500). Dougherty Mine - Hungerford and Spencer's Deposit; Manganese Deposits Barraba (MR02854, D004054499).

Criteria	JORC Code explanation	Commentary
		Unpublished Report held by the Department of Regional New South Wales – Resources, Geological Survey of New South Wales • Lloyd, J. C., 1962. Mineral deposits of the Namoi Region, R00031183 (GS1962/136). Unpublished Report held by the Department of Regional New South Wales – Resources, Geological Survey of New South Wales • Lusk, J. 1963. Copper ore and their distribution in Western New England. M.Sc. Thesis, University of New England • NSW Department of Primary Industries, Manganese • Several small-scale mines extracted battery and metallurgical grade manganese from the 1940's-1960's. These mines are recorded in the Metallic and Industrial Deposits records in Minview and Brown et al. 1992. The key Mine Records are reference as follows: 150081-Unnamed, 150082-Unnamed, 150083-Unnamed, 150188-Daileys Deposit, 150190-Unnamed, 150191-Dohery Mine (Hungerford and Spencers Deposit), 150192-Junior Mine (Spencers Manganese Mine), 150193-Unnamed, • Various parties have held different parts of the Exploration Licence (EL) 9527 in different periods and explored for different commodities. • No party has ever completed systematic exploration across the area for manganese. Key Research for Exploration Concepts: • Ashley P.M. 1986. An unusual manganese silicate occurrence at the Hoskins mine, Grenfell district, New South Wales. Australian Journal of Earth Sciences 33, 443–456 • Roy S. 1981. *Manganese Deposits*. 458pp. Academic Press, New York
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Volcanogenic-exhalative stratiform manganese deposits • 1) The known previously exploited surficial supergene manganese oxides were very high-grade (46-74% MnO2) and relatively discrete deposits that occur where either structural, surficial or hydrothermal processes have concentrated underlying mineralisation. These deposits were mined by artisanal miners because they were outcropping, deposits located between areas of outcrop or concealed by transported cover would have gone unrecognised. These blind deposits would contain similar high-grade mineralisation to that mined. • The proposed new exploration concept is these

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		surficial deposits are not an expression of an underlying manganese silicate deposit but are actually formed from a primary exhalative stratiform manganese oxide deposit. This dramatically increases the size of the targets to district scale deposits. Historical rudimentary exploration would have been uninterested in manganese mineralisation below 45% as no market existed for mineralisation sub-metallurgical grade with no beneficiation available. • Evidence supporting this exploration concept is: Surficial high-grade supergene manganese oxide deposits are likely present regionally, outcropping, some identified, and probably also blind deposits, remaining undiscovered. EL9527 is prospective for these deposits, evidence is found in the numerous mineral occurrences highlight existing resources and extensions to historical mines. Multi-element assays of samples collected by field team and analysed by ALS confirm the high-grade ore has clear chemical affinities with submarine volcanic-sedimentary exhalative Mn deposits, especially the Mn/Fe ratio and anomalous concentrations of Ba, Sr, Co, Cu, As and W, signature characteristics of deep marine fumarolic modern day manganese deposits (Ashley 1986). Ashley states this strongly implies a submarine volcanic exhalative environment of deposition. He notes the high Mn/Fe accords with hydrothermal exhalative Mn deposits at submarine spreading ridges and in ophiolite terrains with exhalative Mn deposits generally (e.g., Roy 1981)
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• N/A, no drilling undertaken or reported. • N/A

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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.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No weighting of averaging techniques has been utilized. • No aggregations are reported. • No metal equivalents were used or calculated.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	• N/A, no drilling undertaken or reported • N/A • N/A
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.*	• Pertinent maps for this stage of Project are included in the release. • Coordinates in MGA94 Z55.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Results for all soil samples are reported in the release. • All results described in this announcement have been reported.
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*	• All substantive data has been disclosed.

Criteria	JORC Code explanation	Commentary
	substances.	
Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• Field crews continue soil geochemical sampling and rock chip sampling of strike extents of known deposits and mineral occurrences, work will start to continue to move further from these occurrences • Further infill soil sampling and more reconnaissance geology mapping and rock sampling will be done on new anomalies defined by the work reported herein. • Thomson Aviation Pty Ltd has completed a magnetic and radiometric survey over the Doherty project and surrounds. This survey provided targets that are being evaluated again geochemistry. • Ground geophysical surveys will be considered once defined targets have been correlated by both geophysical and geochemical data. • Drilling programs will be designed following evaluation of the data discussed above.

Soil and Rock chip Sample Results (Analyses by Australian Laboratory Services, methods ME-ICP61 and overlimits by ME-XRF26s)

Sample ID	Sample_Type	NAT_North	NAT_East	Mn_ppm	Al2O3_pct	Fe2O3_pct	P2O5_pct
GRR111	ROCK	6648699.418	292711.2989	5310	6.48	10.24	0.39
GRR113	ROCK	6648899.037	292700.1918	21000	7.65	22.73	0.33
GRR122	ROCK	6648913.104	292676.0562	9810	4.48	11.81	0.15
GRR123	ROCK	6646854.143	291468.5348	2900	2.55	2.79	0.06
GRR196	ROCK	6647404.311	288694.9131	33900	4.08	30.31	0.55
GRR197	ROCK	6647096.334	289394.3503	68600	5.18	40.17	0.21
GRR198	ROCK	6647592.663	290199.0788	16050	2.53	8.48	0.05
GRR226	ROCK	6648408.65	289641.73	1200	3.23	4.92	0.17
GRR227	ROCK	6648046.69	289480.45	15000	2.51	4.79	0.05
GRR228	ROCK	6648501.59	288338.83	11400	6.31	43.61	0.43
GRR229	ROCK	6646091	289426	22.73%	1.01	4.18	0.2
GRR230	ROCK	6646957	289648	47.62%	3.36	2.13	0.15
GRR231	ROCK	6646964	289652	50.88%	2.1	1.09	0.17
GRS 0624	SOIL	6648897.597	291348.5742	646	6.42	4.10	0.09
GRS 0625	SOIL	6648901.186	291298.7446	3730	11.17	6.15	0.15
GRS 0626	SOIL	6648900.527	291246.301	7970	12.83	8.49	0.22
GRS 0627	SOIL	6648901.846	291199.3986	8340	7.22	6.82	0.28
GRS 0628	SOIL	6648899.537	291148.1425	4950	6.90	5.35	0.10
GRS 0629	SOIL	6648896.837	291099.7806	2030	4.31	4.88	0.10
GRS 0630	SOIL	6648903.036	291047.3041	391	2.91	4.02	0.04
GRS 0631	SOIL	6648897.987	290997.4414	869	2.38	4.98	0.05
GRS 0632	SOIL	6648899.697	290948.1313	612	1.97	3.99	0.05

GRS 0633	SOIL	6648901.316	290899.2004	953	5.86	2.42	0.07
GRS 0634	SOIL	6648901.017	290848.5792	462	12.64	4.16	0.14
GRS 0635	SOIL	6648703.377	290749.0848	1795	9.13	4.96	0.11
GRS 0636	SOIL	6648702.577	290799.9205	2570	9.56	4.79	0.09
GRS 0637	SOIL	6648700.217	290850.1129	2650	6.61	4.25	0.14
GRS 0638	SOIL	6648703.217	290902.7049	2310	5.71	3.09	0.08
GRS 0639	SOIL	6648700.577	290950.0113	1020	4.08	4.56	0.06
GRS 0640	SOIL	6648702.647	291000.4099	2080	4.19	3.39	0.12
GRS 0641	SOIL	6648699.707	291049.5552	648	2.72	2.50	0.05
GRS 0642	SOIL	6648701.897	291100.6217	5980	9.20	6.02	0.14
GRS 0643	SOIL	6648700.327	291151.5645	1740	4.76	2.97	0.08
GRS 0644	SOIL	6648699.927	291200.5613	3370	10.24	6.98	0.11
GRS 0645	SOIL	6648900.237	291399.9211	4420	8.33	3.33	0.20
GRS 0646	SOIL	6648901.546	291450.8144	4900	9.96	7.86	0.21
GRS 0647	SOIL	6648900.037	291499.737	2360	6.56	4.56	0.16
GRS 0648	SOIL	6648899.647	291548.9317	2470	6.59	4.65	0.17
GRS 0649	SOIL	6648901.017	291603.478	3210	6.90	7.76	0.26
GRS 0650	SOIL	6648900.727	291651.8976	3580	10.43	7.75	0.19
GRS 0651	SOIL	6648900.117	291701.4799	2590	5.54	5.25	0.19
GRS 0652	SOIL	6648900.927	291755.8447	3020	4.48	3.36	0.20
GRS 0653	SOIL	6648900.767	291799.6466	3550	10.15	4.33	0.19
GRS 0654	SOIL	6648900.727	291849.7896	1615	8.09	4.32	0.09
GRS 0655	SOIL	6648898.007	291899.1245	3070	10.88	5.35	0.12
GRS 0656	SOIL	6648900.697	291952.9699	1815	8.46	5.29	0.13
GRS 0657	SOIL	6648898.627	292001.81	3400	8.71	5.05	0.16
GRS 0658	SOIL	6648900.347	292051.5407	2210	6.46	5.23	0.11
GRS 0659	SOIL	6648703.107	292001.1091	3490	8.98	5.23	0.09
GRS 0660	SOIL	6648700.227	291948.4182	3510	6.69	5.95	0.14
GRS 0661	SOIL	6648699.018	291896.7497	1755	5.86	4.27	0.08
GRS 0662	SOIL	6648699.907	291850.441	1070	4.84	2.92	0.09
GRS 0663	SOIL	6648700.467	291798.1624	1200	6.90	2.70	0.08
GRS 0664	SOIL	6648702.167	291747.9864	1215	5.35	3.46	0.19
GRS 0665	SOIL	6648701.467	291699.4926	1345	3.16	1.93	0.09
GRS 0666	SOIL	6648700.487	291647.9231	1100	5.06	3.40	0.13
GRS 0667	SOIL	6648694.679	291599.4293	2410	4.19	5.66	0.25
GRS 0668	SOIL	6648700.567	291547.5299	4010	8.64	7.68	0.30
GRS 0669	SOIL	6648701.187	291498.5331	1220	7.69	5.16	0.21
GRS 0670	SOIL	6648700.047	291450.3279	873	6.20	5.79	0.12
GRS 0671	SOIL	6648698.938	291398.2802	2460	6.41	4.30	0.11
GRS 0672	SOIL	6648700.697	291350.7924	4790	9.30	14.87	0.31
GRS 0673	SOIL	6648702.137	291298.893	757	6.95	2.73	0.08
GRS 0674	SOIL	6648700.847	291248.5769	2170	11.37	9.56	0.13
GRS 0675	SOIL	6648900.147	292548.5837	5970	10.43	8.89	0.25
GRS 0676	SOIL	6648899.857	292497.8635	4510	8.88	5.78	0.16

GRS 0677	SOIL	6648899.027	292448.5039	3700	9.92	6.32	0.18
GRS 0678	SOIL	6648902.306	292399.4494	3690	8.50	5.50	0.11
GRS 0679	SOIL	6648896.387	292344.5073	6210	8.56	5.32	0.24
GRS 0680	SOIL	6648895.208	292294.1912	4780	9.94	5.99	0.28
GRS 0681	SOIL	6648899.367	292250.315	7740	12.19	8.92	0.17
GRS 0682	SOIL	6648900.307	292200.7328	4070	11.09	7.55	0.21
GRS 0683	SOIL	6648901.876	292149.4931	3180	10.39	6.75	0.13
GRS 0684	SOIL	6648896.857	292095.3014	2150	10.20	6.39	0.11
GRS 0685	SOIL	6648702.177	292050.881	3160	9.90	5.90	0.14
GRS 0686	SOIL	6648702.897	292100.3396	5380	10.05	6.05	0.13
GRS 0687	SOIL	6648700.637	292151.0103	3480	8.90	5.69	0.11
GRS 0688	SOIL	6648702.727	292202.5633	4460	10.13	6.88	0.16
GRS 0689	SOIL	6648700.527	292250.1501	5630	8.60	6.19	0.34
GRS 0717	SOIL	6648701.117	292298.6522	5310	12.64	5.28	0.16
GRS 0718	SOIL	6648706.506	292348.5972	5750	11.09	7.42	0.30
GRS 0719	SOIL	6648701.697	292399.0206	4640	10.24	6.96	0.25
GRS 0720	SOIL	6648701.177	292447.3495	3890	7.97	4.92	0.21
GRS 0721	SOIL	6648701.377	292499.1251	4080	10.94	7.49	0.27
GRS 0722	SOIL	6648701.037	292550.9173	3670	9.13	5.75	0.14
GRS 0723	SOIL	6648700.417	292600.2109	2960	9.96	7.62	0.14
GRS 0724	SOIL	6648701.577	292649.8509	6160	10.73	7.01	0.25
GRS 0725	SOIL	6648704.546	292753.7403	3960	10.92	6.56	0.29
GRS 0726	SOIL	6648701.397	292698.5591	6510	8.99	5.49	0.48
GRS 0727	SOIL	6648700.877	292799.917	9540	9.30	6.42	0.38
GRS 0728	SOIL	6648703.397	292850.6867	4730	7.77	6.19	0.16
GRS 0729	SOIL	6648701.017	292900.5905	5360	8.07	5.73	0.19
GRS 0730	SOIL	6648698.728	292949.4307	2760	9.66	6.96	0.11
GRS 0731	SOIL	6648700.867	292998.1884	2540	8.79	6.51	0.09
GRS 0732	SOIL	6648900.617	293000.1756	2050	8.05	5.49	0.12
GRS 0733	SOIL	6648899.447	292949.8595	2400	9.92	9.18	0.14
GRS 0734	SOIL	6648899.607	292899.9061	989	8.92	5.85	0.09
GRS 0735	SOIL	6648900.457	292851.0907	4710	8.84	5.23	0.36
GRS 0736	SOIL	6648900.937	292800.3541	5660	10.18	6.36	0.19
GRS 0737	SOIL	6648898.877	292750.2523	2450	9.73	6.02	0.15
GRS 0738	SOIL	6648902.366	292700.5216	6490	10.24	7.21	0.37
GRS 0739	SOIL	6648906.375	292648.6553	3710	11.62	5.83	0.24
GRS 0740	SOIL	6648898.337	292599.1472	8390	12.24	8.92	0.27
GRS 0741	SOIL	6648401.738	292995.3848	1725	11.68	6.79	0.14
GRS 0742	SOIL	6648401.518	292948.705	1945	13.19	7.41	0.27
GRS 0743	SOIL	6648400.978	292902.8087	1490	10.68	7.35	0.21
GRS 0744	SOIL	6648403.628	292849.153	1880	12.13	7.52	0.20
GRS 0745	SOIL	6648403.688	292799.6779	1900	9.32	6.39	0.14
GRS 0746	SOIL	6648399.489	292747.7868	1735	9.94	6.71	0.18
GRS 0747	SOIL	6648398.699	292700.2578	1870	11.19	7.63	0.14

GRS 0748	SOIL	6648401.388	292649.1912	2070	10.05	7.03	0.18
GRS 0749	SOIL	6648398.279	292596.7064	1930	10.83	7.03	0.13
GRS 0750	SOIL	6648401.378	292549.5814	1120	12.89	8.32	0.08
GRS 0751	SOIL	6648400.408	292498.4902	1440	8.81	6.08	0.10
GRS 0752	SOIL	6648404.448	292448.6606	2310	8.84	5.72	0.22
GRS 0753	SOIL	6648399.599	292397.5446	2880	9.45	6.76	0.14
GRS 0754	SOIL	6648396.759	292347.0717	1630	8.58	5.93	0.11
GRS 0755	SOIL	6648401.398	292299.4355	3700	8.56	7.12	0.22
GRS 0756	SOIL	6648400.898	292249.878	10050	12.60	8.86	0.51
GRS 0757	SOIL	6648402.838	292200.2792	1430	8.81	6.03	0.12
GRS 0758	SOIL	6648399.869	292149.2292	4030	6.03	4.82	0.17
GRS 0759	SOIL	6648101.869	293000.2993	2500	8.71	6.92	0.22
GRS 0760	SOIL	6648101.009	292949.0184	2860	9.22	6.66	0.20
GRS 0761	SOIL	6648099.8	292896.8717	2580	9.37	6.83	0.21
GRS 0762	SOIL	6648099.98	292847.5945	2240	10.09	7.36	0.13
GRS 0763	SOIL	6648098.1	292801.2446	2400	11.68	7.45	0.17
GRS 0764	SOIL	6648097.31	292754.0042	1900	9.54	6.79	0.11
GRS 0765	SOIL	6648096.88	292702.0389	1695	11.68	7.18	0.11
GRS 0766	SOIL	6648098.48	292652.0608	1630	8.03	5.63	0.14
GRS 0767	SOIL	6648097.23	292597.9928	1860	9.60	6.72	0.13
GRS 0768	SOIL	6648097.01	292551.0327	1475	8.52	5.62	0.13
GRS 0769	SOIL	6648096.26	292499.9415	1290	6.08	4.75	0.12
GRS 0770	SOIL	6648097.14	292452.9566	3250	12.38	7.55	0.45
GRS 0771	SOIL	6648099.5	292401.8077	1105	13.66	8.62	0.08
GRS 0772	SOIL	6648098.68	292353.1242	2700	10.13	7.29	0.17
GRS 0773	SOIL	6648099.36	292306.9145	1855	8.81	6.16	0.24
GRS 0774	SOIL	6648097.67	292253.1433	2180	6.86	4.75	0.14
GRS 0775	SOIL	6648095.65	292205.5401	2500	8.09	5.88	0.16
GRS 0776	SOIL	6648095.79	292154.4323	4700	12.70	6.58	0.23
GRS 0777	SOIL	6648400.398	291699.4596	2570	7.48	5.09	0.13
GRS 0778	SOIL	6648403.088	291648.591	1120	4.95	4.25	0.10
GRS 0779	SOIL	6648400.348	291598.2089	4910	9.20	7.38	0.29
GRS 0780	SOIL	6648403.758	291550.2098	1535	5.52	4.27	0.09
GRS 0781	SOIL	6648402.888	291498.83	474	4.63	3.35	0.08
GRS 0782	SOIL	6648402.268	291448.6953	588	5.44	3.72	0.11
GRS 0783	SOIL	6648400.648	291398.6842	1025	4.50	3.60	0.09
GRS 0784	SOIL	6648403.478	291349.4483	227	3.59	2.80	0.04
GRS 0785	SOIL	6648398.969	291299.4867	735	3.14	2.59	0.06
GRS 0786	SOIL	6648401.188	291246.9854	1720	4.27	3.59	0.14
GRS 0787	SOIL	6648400.948	291199.7367	1695	4.40	3.53	0.10
GRS 0789	SOIL	6648397.979	291148.5878	2460	8.31	6.82	0.19
GRS 0790	SOIL	6648399.919	291099.558	11400	9.98	7.09	0.25
GRS 0791	SOIL	6647498.842	290701.7125	4580	11.64	12.82	0.26
GRS 0792	SOIL	6647500.272	290747.6831	3430	12.09	7.93	0.37

GRS 0793	SOIL	6647499.862	290801.3965	4010	9.84	5.53	0.20
GRS 0794	SOIL	6647505.001	290849.6099	1575	9.86	6.59	0.15
GRS 0795	SOIL	6647498.482	290903.2409	1320	8.39	5.43	0.12
GRS 0796	SOIL	6647502.061	290951.0091	1740	10.47	6.63	0.17
GRS 0797	SOIL	6647498.552	290999.1895	1375	10.45	7.75	0.22
GRS 0798	SOIL	6647500.512	291049.3902	2500	12.23	9.16	0.32
GRS 0799	SOIL	6647498.822	291100.531	2690	11.13	8.52	0.25
GRS 0800	SOIL	6647502.971	291149.0495	20600	9.71	11.28	0.59
GRS 0801	SOIL	6647499.952	291199.9181	6980	11.17	10.18	0.25
GRS 0802	SOIL	6647501.561	291249.4509	4450	8.16	6.20	0.19
GRS 0803	SOIL	6647497.832	291303.7993	2010	8.22	4.33	0.13
GRS 0804	SOIL	6647499.892	291353.4228	993	8.24	4.69	0.12
GRS 0805	SOIL	6647499.552	291399.5253	2800	9.47	5.15	0.19
GRS 0806	SOIL	6647502.501	291449.8084	2550	9.20	5.12	0.18
GRS 0807	SOIL	6647499.952	291502.2108	1480	5.42	4.29	0.12
GRS 0808	SOIL	6647496.352	291551.6446	3710	11.53	6.38	0.34
GRS 0809	SOIL	6647500.632	291601.6062	3200	7.56	4.68	0.15
GRS 0810	SOIL	6647502.741	291648.1457	2860	8.96	6.30	0.14
GRS 0811	SOIL	6647501.911	291697.728	3500	11.26	6.75	0.11
GRS 0812	SOIL	6647501.101	291747.9782	2610	8.58	4.19	0.11
GRS 0813	SOIL	6647501.001	291800.9083	1265	7.03	4.03	0.13
GRS 0814	SOIL	6647497.302	291845.7327	1270	7.80	4.70	0.09
GRS 0815	SOIL	6647503.321	291899.7017	2060	7.33	4.78	0.08
GRS 0816	SOIL	6647501.541	291951.8072	2650	9.79	6.85	0.14
GRS 0817	SOIL	6647498.422	291997.6706	2070	11.05	8.02	0.23
GRS 0818	SOIL	6647501.911	292046.7828	3570	9.13	5.79	0.16
GRS 0819	SOIL	6647502.091	292102.7886	3290	10.35	6.61	0.15
GRS 0820	SOIL	6647502.211	292149.9466	3270	11.47	6.83	0.15
GRS 0821	SOIL	6647500.502	292200.0236	1675	9.16	6.23	0.10
GRS 0822	SOIL	6647501.031	292251.1149	1705	7.90	6.06	0.17
GRS 0823	SOIL	6647499.932	292298.2893	3090	8.62	5.92	0.16
GRS 0824	SOIL	6647499.282	292351.3349	2670	10.75	6.81	0.13
GRS 0825	SOIL	6647502.111	292395.4501	3700	9.84	7.31	0.15
GRS 0826	SOIL	6647499.482	292449.3944	1885	7.69	5.22	0.18
GRS 0827	SOIL	6647498.462	292500.7083	1565	12.75	7.33	0.09
GRS 0828	SOIL	6647503.021	292554.1331	1995	8.07	4.89	0.15
GRS 0829	SOIL	6647501.741	292603.5258	1535	9.86	6.89	0.14
GRS 0830	SOIL	6647503.061	292649.8839	1515	9.75	6.35	0.11
GRS 0831	SOIL	6647498.662	292698.188	1715	9.24	6.52	0.12
GRS 0832	SOIL	6647498.952	292748.9	2010	9.71	6.92	0.12
GRS 0833	SOIL	6647498.892	292798.3668	2960	9.45	6.52	0.14
GRS 0834	SOIL	6647500.532	292849.3426	2540	8.82	6.33	0.16
GRS 0835	SOIL	6647498.092	292896.4429	2000	11.43	6.98	0.14
GRS 0836	SOIL	6647499.292	292947.7155	2490	11.07	7.42	0.17

GRS 0837	SOIL	6647500.652	292996.3908	1755	9.90	7.45	0.19
GRS 0838	SOIL	6647600.231	293002.1958	1605	12.45	8.42	0.17
GRS 0839	SOIL	6647601.581	292950.3954	2400	11.00	7.35	0.22
GRS 0840	SOIL	6647602.691	292897.9271	4350	11.98	7.96	0.15
GRS 0841	SOIL	6648399.689	291046.8175	18000	10.64	7.75	0.44
GRS 0842	SOIL	6648402.468	290994.9842	7030	9.92	5.72	0.22
GRS 0843	SOIL	6648400.498	290950.0773	13400	10.85	13.71	0.27
GRS 0844	SOIL	6648403.978	290899.9591	7660	7.60	5.49	0.33
GRS 0845	SOIL	6648396.589	290849.8656	1045	5.61	4.32	0.15
GRS 0846	SOIL	6648400.458	290797.2406	823	6.18	3.83	0.12
GRS 0847	SOIL	6648398.729	290747.4109	1225	5.31	4.23	0.10
GRS 0848	SOIL	6648103.769	290355.2881	243	6.97	1.49	0.05
GRS 0849	SOIL	6648099.83	290398.1912	907	12.07	2.73	0.14
GRS 0850	SOIL	6648100.609	290450.6265	942	10.60	2.03	0.13
GRS 0851	SOIL	6648100.689	290501.157	514	10.77	2.22	0.11
GRS 0852	SOIL	6648095.52	290549.1808	253	9.83	1.30	0.07
GRS 0853	SOIL	6648100.15	290600.1979	733	11.37	2.16	0.14
GRS 0854	SOIL	6648097.33	290649.7224	2240	8.92	5.73	0.19
GRS 0855	SOIL	6648094.831	290698.4719	2410	8.77	6.23	0.17
GRS 0856	SOIL	6648102.849	290752.5976	2810	6.84	4.26	0.21
GRS 0857	SOIL	6648096.68	290800.9347	5440	5.82	6.79	0.16
GRS 0858	SOIL	6648098.47	290847.969	4150	7.01	7.05	0.23
GRS 0859	SOIL	6647793.762	292968.0251	1820	10.11	6.30	0.15
GRS 0860	SOIL	6647797.901	292946.9652	2200	10.86	7.09	0.18
GRS 0861	SOIL	6647805.11	292905.7359	2150	9.83	6.65	0.10
GRS 0862	SOIL	6647799.601	292849.153	2060	8.45	6.53	0.17
GRS 0863	SOIL	6647800.021	292795.3488	1735	7.61	5.83	0.13
GRS 0864	SOIL	6647801.52	292745.7501	2930	9.77	8.02	0.21
GRS 0865	SOIL	6647814.108	292701.9152	3200	9.86	7.61	0.22
GRS 0866	SOIL	6647799.531	292652.6298	2190	10.24	6.51	0.16
GRS 0867	SOIL	6647801.4	292599.2791	2240	9.26	6.61	0.34
GRS 0868	SOIL	6647800.471	292550.3071	1815	7.86	5.35	0.19
GRS 0869	SOIL	6647799.191	292500.5764	1030	5.95	4.47	0.10
GRS 0870	SOIL	6647799.281	292446.6815	1340	7.69	5.00	0.17
GRS 0871	SOIL	6647801.37	292399.1937	1955	7.73	5.15	0.18
GRS 0872	SOIL	6647796.831	292352.7944	3330	9.86	5.96	0.12
GRS 0873	SOIL	6647802.7	292300.2354	2510	8.81	5.55	0.12
GRS 0874	SOIL	6647802.39	292248.6576	2200	8.92	4.69	0.12
GRS 0875	SOIL	6647808.429	292204.8474	2690	7.39	4.70	0.18
GRS 0876	SOIL	6647801.48	292148.5778	1625	6.50	3.45	0.16
GRS 0877	SOIL	6647799.681	292100.6859	1845	7.65	4.13	0.11
GRS 0878	SOIL	6647799.191	292051.516	2090	8.62	5.53	0.12
GRS 0879	SOIL	6647601.221	291149	2590	8.35	4.75	0.21
GRS 0880	SOIL	6647602.301	291101.0505	1515	6.29	4.42	0.13

GRS 0881	SOIL	6647603.131	291045.8858	1385	7.67	3.55	0.17
GRS 0882	SOIL	6647601.341	290998.769	1650	11.26	5.92	0.14
GRS 0883	SOIL	6647599.911	290947.3974	2210	11.32	6.43	0.22
GRS 0884	SOIL	6647599.611	290896.8834	1565	9.86	6.68	0.19
GRS 0885	SOIL	6647598.442	290847.3423	2390	6.92	5.15	0.18
GRS 0886	SOIL	6647597.292	290799.0464	1355	4.21	3.93	0.18
GRS 0887	SOIL	6647600.491	290751.8307	4540	7.92	6.36	0.34
GRS 0888	SOIL	6647599.811	290698.9089	2070	9.24	6.83	0.17
GRS 0889	SOIL	6647600.331	290650.6872	1770	10.00	7.15	0.20
GRS 0890	SOIL	6647501.381	290649.1122	2850	11.24	8.82	0.26
GRS 1000	SOIL	6647602.051	292852.3194	2210	9.33	6.48	0.19
GRS 1001	SOIL	6647602.531	292795.6292	2770	9.71	6.95	0.11
GRS 1002	SOIL	6647599.481	292751.8025	1550	8.69	5.99	0.12
GRS 1003	SOIL	6647598.812	292699.1693	1410	8.52	5.92	0.08
GRS 1004	SOIL	6647598.942	292647.2947	2640	9.54	7.62	0.14
GRS 1005	SOIL	6647597.642	292596.5085	1880	8.67	6.06	0.11
GRS 1006	SOIL	6647598.612	292548.2704	1795	9.09	5.98	0.13
GRS 1007	SOIL	6647599.072	292496.7751	1250	5.82	4.27	0.12
GRS 1008	SOIL	6647597.992	292445.5024	1835	10.90	7.18	0.12
GRS 1009	SOIL	6647598.772	292399.4823	1820	7.20	5.53	0.10
GRS 1010	SOIL	6647602.331	292347.3521	3400	9.77	6.29	0.15
GRS 1011	SOIL	6647596.502	292297.3246	2440	8.48	5.30	0.16
GRS 1012	SOIL	6647606.24	292249.7873	1985	8.37	5.53	0.13
GRS 1013	SOIL	6647601.281	292198.5888	1670	6.10	4.00	0.09
GRS 1014	SOIL	6647600.611	292151.9256	2500	8.39	4.95	0.09
GRS 1015	SOIL	6647600.611	292099.6634	2870	7.75	4.82	0.14
GRS 1016	SOIL	6647599.551	292049.5452	2450	11.26	5.96	0.12
GRS 1017	SOIL	6647603.291	291995.5761	1845	9.28	6.98	0.14
GRS 1018	SOIL	6647602.341	291945.6476	2210	9.30	6.63	0.10
GRS 1019	SOIL	6647599.391	291901.4333	2670	8.28	5.89	0.10
GRS 1020	SOIL	6647599.122	291852.3541	2670	7.31	5.30	0.12
GRS 1021	SOIL	6647600.441	291799.4982	3510	10.47	6.96	0.18
GRS 1022	SOIL	6647599.371	291749.4707	1750	7.52	5.05	0.09
GRS 1023	SOIL	6647599.611	291698.0743	2710	10.07	6.38	0.14
GRS 1024	SOIL	6647597.272	291650.6772	3460	9.96	6.23	0.15
GRS 1025	SOIL	6647599.941	291599.1324	3470	10.32	10.85	0.22
GRS 1026	SOIL	6647599.961	291547.7443	3880	11.64	9.41	0.30
GRS 1027	SOIL	6647600.811	291499.3165	2180	6.59	3.67	0.14
GRS 1028	SOIL	6647599.052	291447.6728	761	6.52	3.92	0.12
GRS 1029	SOIL	6647599.901	291399.1542	379	3.63	2.52	0.08
GRS 1030	SOIL	6647602.411	291350.5944	1810	10.77	5.08	0.19
GRS 1031	SOIL	6647598.322	291299.3795	2460	12.91	5.96	0.19
GRS 1032	SOIL	6647602.181	291245.6084	3350	11.58	5.68	0.17
GRS 1033	SOIL	6647599.271	291198.1205	5710	9.66	7.09	0.32

GRS 1034	SOIL	6647701.041	289451.8899	2720	7.90	3.80	0.19
GRS 1035	SOIL	6647702.081	289499.9961	7770	10.85	9.29	0.18
GRS 1036	SOIL	6647699.061	289550.774	5410	9.67	8.49	0.17
GRS 1037	SOIL	6647700.601	289601.8488	6170	10.47	10.68	0.17
GRS 1038	SOIL	6647696.722	289653.509	7050	9.07	9.86	0.20
GRS 1039	SOIL	6647697.362	289698.2427	1735	6.92	5.26	0.14
GRS 1040	SOIL	6647703.16	289751.6428	3100	7.65	5.72	0.15
GRS 1041	SOIL	6647702.6	289797.6628	1535	10.47	5.70	0.20
GRS 1042	SOIL	6647701.761	289846.1814	2990	9.18	4.56	0.25
GRS 1043	SOIL	6647698.341	289898.8888	3610	8.94	6.71	0.21
GRS 1044	SOIL	6647700.971	289949.172	1710	10.58	6.59	0.11
GRS 1045	SOIL	6647702.92	289998.9934	7470	9.50	6.29	0.21
GRS 1046	SOIL	6647701.761	290048.1963	4710	9.66	5.75	0.16
GRS 1047	SOIL	6647399.082	290097.6054	760	7.37	2.56	0.10
GRS 1048	SOIL	6647401.152	290049.3507	918	8.99	2.57	0.09
GRS 1049	SOIL	6647401.052	289997.9626	1185	10.18	2.24	0.13
GRS 1050	SOIL	6647401.312	289948.1083	781	9.67	2.39	0.11
GRS 1051	SOIL	6647401.492	289899.7876	557	10.71	1.60	0.10
GRS 1052	SOIL	6647401.192	289849.3643	338	9.15	1.92	0.07
GRS 1053	SOIL	6647402.272	289796.3188	745	12.34	3.06	0.10
GRS 1054	SOIL	6647400.382	289749.9689	2500	8.54	4.29	0.11
GRS 1055	SOIL	6647400.262	289697.5171	2490	8.48	6.53	0.18
GRS 1056	SOIL	6647402.851	289647.9018	4670	12.13	9.69	0.14
GRS 1057	SOIL	6647405.431	289597.2311	1260	4.82	3.77	0.08
GRS 1058	SOIL	6647401.262	289548.2343	2740	9.22	5.28	0.20
GRS 1059	SOIL	6647396.573	289494.6198	1045	9.22	2.77	0.11
GRS 1060	SOIL	6647410.87	289442.2752	793	12.45	3.16	0.10
GRS 1061	SOIL	6647397.852	289394.3174	11000	10.03	6.61	0.31
GRS 1062	SOIL	6647400.422	289348.9322	5690	11.85	5.66	0.24
GRS 1063	SOIL	6647400.252	289299.853	5190	11.17	6.88	0.29
GRS 1064	SOIL	6647401.792	289247.665	1620	6.16	2.27	0.12
GRS 1065	SOIL	6647403.401	289199.031	2300	7.63	6.23	0.17
GRS 1066	SOIL	6647402.142	289151.032	1615	4.67	4.72	0.10
GRS 1067	SOIL	6647401.382	289100.1386	5810	10.35	8.89	0.23
GRS 1068	SOIL	6647403.281	289049.3855	4240	7.35	5.20	0.16
GRS 1069	SOIL	6647397.912	289000.7844	6520	10.07	11.17	0.21
GRS 1070	SOIL	6647397.403	288951.2352	1660	6.71	9.02	0.12
GRS 1071	SOIL	6647400.732	288899.7811	2680	7.12	7.26	0.16
GRS 1072	SOIL	6647400.492	288847.2386	9630	9.75	10.25	0.19
GRS 1073	SOIL	6647401.582	288800.732	1955	10.66	7.98	0.29
GRS 1074	SOIL	6647403.121	288754.2172	2820	10.77	7.76	0.22
GRS 1075	SOIL	6647403.531	288700.5038	3090	11.19	8.18	0.27
GRS 1076	SOIL	6647399.602	288652.0759	6570	10.34	7.81	0.31
GRS 1077	SOIL	6647403.251	288600.424	2710	9.05	5.18	0.16

GRS 1078	SOIL	6647401.002	288547.0486	3080	9.37	5.59	0.15
GRS 1079	SOIL	6647400.032	288497.12	2640	9.28	5.68	0.19
GRS 1080	SOIL	6647400.332	288449.2859	2670	8.54	5.70	0.17
GRS 1081	SOIL	6647097.294	289553.1241	4070	5.88	4.33	0.15
GRS 1082	SOIL	6647101.473	289499.5426	6170	9.50	8.32	0.16
GRS 1083	SOIL	6647098.643	289450.8014	2670	5.78	4.76	0.10
GRS 1084	SOIL	6647098.093	289399.1329	4260	9.15	7.78	0.22
GRS 1085	SOIL	6647099.243	289349.7403	2750	8.77	7.22	0.11
GRS 1086	SOIL	6647100.723	289300.0509	792	11.32	2.79	0.10
GRS 1087	SOIL	6647099.633	289248.9761	3780	12.04	10.19	0.15
GRS 1088	SOIL	6647702.47	289399.7019	3460	9.56	4.02	0.15
GRS 1089	SOIL	6647695.752	289349.8805	4900	9.11	5.59	0.19
GRS 1090	SOIL	6647700.481	289296.3732	3580	12.70	8.66	0.37
GRS 1091	SOIL	6647700.461	289249.2152	4300	6.99	6.20	0.17
GRS 1092	SOIL	6647699.911	289197.7364	2930	8.67	4.50	0.20
GRS 1093	SOIL	6647699.051	289147.3213	2230	13.19	10.85	0.56
GRS 1094	SOIL	6647701.661	289098.8605	2400	15.23	13.01	0.37
GRS 1095	SOIL	6647703.3	289045.7078	2960	9.98	8.26	0.16
GRS 1096	SOIL	6647699.521	288999.7702	1005	14.87	11.54	0.10
GRS 1097	SOIL	6647700.371	288951.7299	2430	8.03	5.45	0.11
GRS 1098	SOIL	6647702.061	288901.554	4530	11.20	6.95	0.14
GRS 1099	SOIL	6647703.3	288851.0069	4070	8.31	5.26	0.13
GRS 1100	SOIL	6647706.22	288801.0948	4700	10.18	6.38	0.26
GRS 1101	SOIL	6647706.48	288751.6198	20600	9.90	9.58	0.49
GRS 1102	SOIL	6647699.681	288698.0465	2990	8.24	4.69	0.14
GRS 1103	SOIL	6647699.171	288648.9755	4430	7.82	5.86	0.16
GRS 1104	SOIL	6647703.94	288597.1009	6320	7.16	5.10	0.18
GRS 1105	SOIL	6647696.932	288550.3717	2120	6.16	4.59	0.13
GRS 1106	SOIL	6647701.021	288498.225	2440	7.95	4.40	0.11
GRS 1107	SOIL	6647702.061	288448.4448	4110	10.69	6.55	0.18
GRS 1108	SOIL	6647702.96	288397.8071	3990	10.88	7.82	0.15
GRS 1109	SOIL	6647701.591	288350.0966	1840	9.20	5.15	0.07
GRS 1110	SOIL	6647702.161	288299.4589	4280	11.37	5.58	0.18
GRS 1111	SOIL	6647700.931	288247.3204	2730	11.37	5.20	0.13
GRS 1112	SOIL	6647599.801	288298.9394	8120	5.67	5.00	0.20
GRS 1113	SOIL	6647603.341	288350.1708	2170	9.92	5.35	0.08
GRS 1114	SOIL	6647599.351	288401.93	2390	11.02	8.09	0.14
GRS 1115	SOIL	6647601.101	288452.1307	2270	8.54	5.23	0.11
GRS 1116	SOIL	6647596.102	288497.4664	2240	9.52	5.06	0.12
GRS 1117	SOIL	6647600.471	288551.3694	4800	8.92	6.72	0.14
GRS 1118	SOIL	6647605.27	288598.5357	6030	6.97	5.03	0.21
GRS 1119	SOIL	6647602.491	288649.8825	2990	7.75	4.73	0.17
GRS 1120	SOIL	6647602.931	288701.1717	3660	9.77	5.52	0.22
GRS 1121	SOIL	6647601.351	288751.4384	2680	10.35	5.98	0.22

GRS 1122	SOIL	6647604.75	288800.9382	4170	9.30	6.95	0.16
GRS 1123	SOIL	6647603.371	288850.2401	2390	9.98	5.70	0.13
GRS 1124	SOIL	6647605.33	288899.7729	3390	11.83	7.12	0.18
GRS 1125	SOIL	6647603.291	288949.2809	5030	11.15	6.29	0.21
GRS 1126	SOIL	6648403.428	289152.0132	2950	6.08	6.99	0.08
GRS 1127	SOIL	6648404.048	289103.4947	3920	7.73	6.78	0.11
GRS 1128	SOIL	6648414.106	289050.3585	2770	6.07	5.80	0.08
GRS 1129	SOIL	6648405.047	289000.5865	3120	10.49	6.88	0.11
GRS 1130	SOIL	6648402.168	288948.6625	4220	13.72	10.49	0.25
GRS 1131	SOIL	6648401.578	288900.9355	1920	7.61	5.28	0.10
GRS 1132	SOIL	6648402.778	288848.2693	2350	9.77	6.95	0.07
GRS 1133	SOIL	6648405.687	288797.9697	3790	11.47	7.82	0.10
GRS 1134	SOIL	6648404.788	288751.3971	4420	8.73	5.02	0.17
GRS 1135	SOIL	6648402.178	288696.9746	3890	9.62	5.09	0.12
GRS 1136	SOIL	6648398.559	288647.2851	3340	9.52	4.66	0.11
GRS 1137	SOIL	6648402.748	288600.2343	2550	10.24	5.22	0.08
GRS 1138	SOIL	6648405.627	288548.6813	2530	5.12	6.18	0.13
GRS 1139	SOIL	6648396.739	288501.6965	3270	9.52	4.76	0.15
GRS 1140	SOIL	6648402.478	288454.7117	2190	9.11	4.60	0.15
GRS 1141	SOIL	6648400.708	288397.7659	4030	9.03	8.45	0.10
GRS 1142	SOIL	6648400.468	288351.0861	10350	11.07	8.78	0.21
GRS 1143	SOIL	6648400.688	288299.3022	10000	10.73	5.45	0.40
GRS 1144	SOIL	6648402.038	288248.9366	6790	11.58	9.08	0.23
GRS 1145	SOIL	6648405.397	288198.7277	685	5.73	4.93	0.08
GRS 1146	SOIL	6648404.128	288150.7204	1495	7.61	4.33	0.11
GRS 1147	SOIL	6648402.578	288099.0684	3050	9.79	4.66	0.11
GRS 1148	SOIL	6648400.668	288063.7762	3430	8.52	4.69	0.21
GRS 1149	SOIL	6648203.868	288649.4125	1860	8.71	4.69	0.11
GRS 1150	SOIL	6648202.089	288701.1305	2060	10.39	5.05	0.14
GRS 1151	SOIL	6647602.491	288999.63	2650	9.01	7.38	0.15
GRS 1152	SOIL	6647601.031	289050.375	3680	14.08	14.65	0.25
GRS 1153	SOIL	6647601.371	289102.3403	2820	10.66	7.92	0.27
GRS 1154	SOIL	6647599.651	289151.3618	1915	4.65	4.12	0.09
GRS 1155	SOIL	6647600.261	289200.1442	1215	3.89	5.80	0.07
GRS 1156	SOIL	6647596.062	289252.3816	3460	5.20	4.83	0.10
GRS 1157	SOIL	6647599.581	289302.9369	3210	8.90	5.86	0.13
GRS 1158	SOIL	6647599.811	289354.8115	1395	5.74	3.76	0.12
GRS 1159	SOIL	6647595.972	289403.3878	9060	11.77	6.09	0.40
GRS 1160	SOIL	6647603.211	289450.6942	3690	8.67	4.47	0.23
GRS 1161	SOIL	6647601.541	289496.3514	8120	8.75	8.31	0.16
GRS 1162	SOIL	6647599.981	289547.9622	6170	7.95	10.28	0.22
GRS 1163	SOIL	6647602.341	289601.0407	4610	9.49	9.78	0.10
GRS 1164	SOIL	6647602.681	289653.1956	3540	7.56	6.45	0.14
GRS 1165	SOIL	6647597.962	289696.2142	2360	6.97	4.40	0.18

GRS 1166	SOIL	6647603.761	289744.3205	5860	4.80	3.99	0.32
GRS 1167	SOIL	6647602.041	289798.7266	2130	9.77	4.17	0.17
GRS 1168	SOIL	6647601.131	289849.3725	3880	9.24	4.78	0.22
GRS 1169	SOIL	6647601.651	289899.6887	2140	8.54	5.18	0.19
GRS 1170	SOIL	6647601.881	289952.0415	1660	5.16	4.03	0.09
GRS 1171	SOIL	6647601.841	290001.797	4760	7.26	4.88	0.15
GRS 1172	SOIL	6647601.281	290047.6191	1920	8.90	5.23	0.13
GRS 1173	SOIL	6647600.761	290101.5304	4080	11.47	13.37	0.38
GRS 1174	SOIL	6647604.44	290148.4246	6680	6.71	4.06	0.36
GRS 1175	SOIL	6647591.853	290203.0368	3790	10.07	12.22	0.14
GRS 1176	SOIL	6647103.862	288641.9253	1390	12.43	3.97	0.21
GRS 1177	SOIL	6647102.733	288600.6549	1465	11.98	3.66	0.20
GRS 1178	SOIL	6647102.883	288551.0891	2180	11.39	4.66	0.22
GRS 1179	SOIL	6647103.042	288502.1995	1710	11.58	4.75	0.16
GRS 1180	SOIL	6647099.973	288446.8286	2200	9.79	5.50	0.20
GRS 1181	SOIL	6647100.453	288402.4495	2320	6.44	4.00	0.18
GRS 1182	SOIL	6647007.302	288351.2263	1325	8.39	4.72	0.16
GRS 1183	SOIL	6647002.783	288398.6647	4440	5.97	4.75	0.13
GRS 1184	SOIL	6647006.372	288446.3339	2540	5.37	7.05	0.21
GRS 1185	SOIL	6647003.523	288493.9289	1250	11.45	4.29	0.16
GRS 1186	SOIL	6647001.933	288549.2008	545	8.81	2.62	0.09
GRS 1187	SOIL	6647005.862	288597.6286	354	8.14	3.06	0.09
GRS 1188	SOIL	6646995.814	288651.3256	1190	10.85	3.55	0.09
GRS 1189	SOIL	6648402.258	289747.3302	5760	11.07	9.38	0.22
GRS 1190	SOIL	6648403.798	289700.5268	9710	7.71	8.29	0.29
GRS 1191	SOIL	6648405.767	289653.2286	4940	5.74	3.00	0.27
GRS 1192	SOIL	6648401.038	289597.495	1110	5.82	3.52	0.21
GRS 1193	SOIL	6648401.758	289548.3003	1055	5.39	3.16	0.11
GRS 1194	SOIL	6648401.818	289499.79	2570	6.84	4.22	0.12
GRS 1195	SOIL	6648401.808	289447.6267	4060	8.94	5.23	0.18
GRS 1196	SOIL	6648401.758	289399.1164	2070	15.32	13.70	0.20
GRS 1197	SOIL	6648404.448	289348.825	1795	12.85	9.92	0.19
GRS 1198	SOIL	6648401.838	289299.6881	3680	13.62	12.05	0.39
GRS 1199	SOIL	6648400.548	289249.9574	10900	9.90	11.07	0.21
GRS 1200	SOIL	6648401.358	289199.8886	2940	10.03	8.82	0.17
GRS 1201	SOIL	6648200.099	288747.1753	3310	13.13	5.58	0.13
GRS 1202	SOIL	6648202.239	288800.361	1775	9.01	3.32	0.20
GRS 1203	SOIL	6648205.528	288850.1494	2370	9.18	5.13	0.18
GRS 1204	SOIL	6648203.998	288903.1207	1690	10.39	5.02	0.12
GRS 1205	SOIL	6648201.019	288949.3716	3380	10.37	5.88	0.15
GRS 1206	SOIL	6648202.079	288998.5333	2060	9.84	5.60	0.13
GRS 1207	SOIL	6648198.519	289050.0039	1030	10.69	5.85	0.08
GRS 1208	SOIL	6648200.739	289101.5487	4070	11.85	11.67	0.18
GRS 1209	SOIL	6648198.33	289149.3333	8860	9.79	7.71	0.25

GRS 1210	SOIL	6648203.129	289202.3706	4110	11.60	10.08	0.28
GRS 1211	SOIL	6648202.309	289251.9529	2620	13.34	9.66	0.30
GRS 1212	SOIL	6648201.049	289301.4444	3950	11.75	9.66	0.18
GRS 1213	SOIL	6648198.949	289348.1654	2320	9.64	5.39	0.09
GRS 1214	SOIL	6648200.379	289399.2484	5830	8.94	5.93	0.10
GRS 1215	SOIL	6648201.729	289457.6372	11200	9.56	9.29	0.15
GRS 1216	SOIL	6648202.049	289503.1625	4870	7.50	5.59	0.18
GRS 1217	SOIL	6648199.809	289547.8632	2590	6.20	3.66	0.19
GRS 1218	SOIL	6648198.19	289596.2993	5180	7.99	3.95	0.30
GRS 1219	SOIL	6648201.259	289646.1949	4830	5.82	5.36	0.20
GRS 1220	SOIL	6648203.668	289702.0688	6820	7.50	8.08	0.20
GRS 1221	SOIL	6648202.609	289750.7935	5080	10.41	9.19	0.21
GRS 1222	SOIL	6648203.878	289799.6583	3990	9.37	6.99	0.15
GRS 1223	SOIL	6648201.699	289853.6026	2330	7.43	4.10	0.11
GRS 1224	SOIL	6648202.599	289900.4555	3620	7.01	4.03	0.16
GRS 1225	SOIL	6648207.038	289946.5663	3630	7.41	4.72	0.15
GRS 1226	SOIL	6648206.448	289990.8547	5630	10.13	5.00	0.22
GRS 1227	SOIL	6648204.128	290048.9302	3140	10.43	6.45	0.23
GRS 1228	SOIL	6648206.538	290099.6999	3800	11.94	7.26	0.24
GRS 1229	SOIL	6648204.338	290152.1022	2390	9.69	4.90	0.19
GRS 1230	SOIL	6648201.049	290200.2909	3540	7.18	4.59	0.16
GRS 1231	SOIL	6648203.488	290246.5336	3240	7.46	4.95	0.19
GRS 1232	SOIL	6648207.198	290301.0387	1880	9.75	3.80	0.17
GRS 1233	SOIL	6648203.758	290352.9792	899	12.17	2.75	0.15
GRS 1234	SOIL	6647001.593	289001.609	1865	7.27	6.95	0.18
GRS 1235	SOIL	6647001.083	289049.9297	727	3.17	3.27	0.10
GRS 1236	SOIL	6647001.273	289100.0727	1280	4.70	4.02	0.10
GRS 1237	SOIL	6647004.882	289148.987	2120	7.75	4.92	0.13
GRS 1238	SOIL	6647003.653	289200.4905	6770	11.51	5.43	0.22
GRS 1239	SOIL	6647005.352	289253.8741	2920	12.79	12.38	0.14
GRS 1240	SOIL	6647001.343	289298.7975	851	12.68	2.85	0.13
GRS 1241	SOIL	6647002.133	289351.2328	932	10.81	3.06	0.16
GRS 1242	SOIL	6647005.572	289403.1322	749	11.47	2.82	0.14
GRS 1243	SOIL	6647006.692	289449.9768	886	12.36	2.66	0.15
GRS 1244	SOIL	6647000.983	289498.685	4890	9.01	7.85	0.15
GRS 1245	SOIL	6646903.153	289400.0977	622	5.84	2.26	0.10
GRS 1246	SOIL	6646906.542	289351.34	1140	6.52	2.52	0.16
GRS 1247	SOIL	6646901.334	289299.5726	464	8.37	2.04	0.09
GRS 1248	SOIL	6646901.943	289262.2189	844	11.11	3.72	0.10
GRS 1249	SOIL	6646902.723	289199.6495	2170	3.55	2.77	0.10
GRS 1250	SOIL	6646902.113	289150.7764	2900	6.31	3.45	0.17
GRS 1251	SOIL	6646904.073	289096.8485	2070	11.39	9.82	0.20
GRS 1252	SOIL	6646906.243	289048.396	2240	10.01	6.72	0.22
GRS 1253	SOIL	6646910.152	288998.6653	2280	6.67	5.65	0.16

GRS 1254	SOIL	6646906.253	288951.4908	2980	4.21	3.03	0.22
GRS 1255	SOIL	6646901.693	288899.509	1635	7.97	4.96	0.16
GRS 1256	SOIL	6646897.004	288846.2903	1420	9.73	8.24	0.19
GRS 1257	SOIL	6646901.314	288799.2395	745	9.18	2.46	0.13
GRS 1258	SOIL	6646906.223	288755.0748	655	10.01	2.95	0.11
GRS 1259	SOIL	6646906.862	288696.1665	473	8.09	2.44	0.09
GRS 1260	SOIL	6646901.533	288650.3608	1505	6.16	6.08	0.11
GRS 1261	SOIL	6646904.523	288598.6264	1815	5.86	5.02	0.08
GRS 1262	SOIL	6646900.494	288550.5861	580	11.54	2.50	0.10
GRS 1263	SOIL	6646904.933	288499.1073	1185	10.34	6.53	0.14
GRS 1264	SOIL	6646801.074	288501.9851	1310	13.53	8.35	0.10
GRS 1265	SOIL	6646805.193	288554.3544	1305	10.41	4.00	0.16
GRS 1266	SOIL	6646800.654	288600.3498	4340	11.88	10.55	0.25
GRS 1267	SOIL	6646802.214	288652.6696	6610	9.96	8.55	0.21
GRS 1268	SOIL	6646803.094	288697.7827	1830	14.93	13.47	0.14
GRS 1269	SOIL	6646804.523	288748.7585	1085	6.29	5.89	0.11
GRS 1270	SOIL	6646802.884	288801.8205	764	4.78	3.22	0.08
GRS 1271	SOIL	6646806.143	288855.4514	560	10.32	2.96	0.13
GRS 1272	SOIL	6646801.474	288900.9685	349	7.90	2.44	0.07
GRS 1273	SOIL	6646802.934	288947.5163	1710	9.58	9.88	0.19
GRS 1274	SOIL	6646798.564	288997.1645	676	4.69	3.07	0.08
GRS 1275	SOIL	6646803.593	289050.6718	518	3.44	3.02	0.09
GRS 1276	SOIL	6646803.543	289099.5532	847	5.61	4.63	0.10
GRS 1277	SOIL	6646803.673	289152.3843	2960	7.41	4.65	0.18
GRS 1278	SOIL	6646801.704	289193.9021	990	3.19	2.79	0.08
GRS 1279	SOIL	6646799.934	289268.997	390	8.62	1.70	0.09
GRS 1280	SOIL	6646802.344	289301.766	423	7.69	1.97	0.10
GRS 1281	SOIL	6646803.293	289396.8323	396	6.31	1.57	0.10
GRS 1282	SOIL	6646803.933	289447.7257	520	6.52	2.03	0.11
GRS 1283	SOIL	6646900.634	288300.1763	460	4.63	2.80	0.12
GRS 1284	SOIL	6646903.843	288351.3088	3120	6.33	4.00	0.26
GRS 1285	SOIL	6646895.275	288401.427	20400	8.22	7.92	0.44
GRS 1286	SOIL	6646901.583	288452.2132	2600	11.39	10.24	0.13
GRS 1287	SOIL	6646804.263	288448.7994	3940	9.49	11.08	0.15
GRS 1288	SOIL	6646803.114	288406.7703	3760	13.62	13.30	0.17
GRS 1289	SOIL	6646805.423	288348.5052	6840	9.16	11.37	0.36
GRS 1290	SOIL	6646803.613	288295.2205	3940	5.78	5.72	0.28
GRS 1291	SOIL	6646800.654	288245.4321	830	12.79	9.89	0.19
GRS 1292	SOIL	6645809.346	288199.0328	2430	5.01	5.96	0.12
GRS 1293	SOIL	6645803.477	288147.9498	1035	5.01	3.83	0.11
GRS 1294	SOIL	6645804.057	288098.285	3450	7.33	5.80	0.12
GRS 1295	SOIL	6645802.037	288045.4044	3890	6.14	6.68	0.10
GRS 1296	SOIL	6645804.197	287996.9601	2540	8.07	5.32	0.12
GRS 1297	SOIL	6645806.026	287953.8178	2670	6.99	3.87	0.18

GRS 1298	SOIL	6645800.278	287898.0182	1475	9.03	5.28	0.14
GRS 1299	SOIL	6645803.187	287848.0154	814	9.94	6.85	0.17
GRS 1300	SOIL	6645804.697	287799.9751	546	5.78	4.13	0.16
GRS 1301	SOIL	6645803.197	287751.3082	621	8.18	4.25	0.25
GRS 1302	SOIL	6645803.047	287697.8091	2380	8.88	7.55	0.14
GRS 1303	SOIL	6645802.967	287648.2598	1995	5.35	4.69	0.10
GRS 1304	SOIL	6645804.047	287601.0854	492	3.82	3.60	0.08
GRS 1305	SOIL	6645800.438	287546.8854	2810	5.16	4.62	0.08
GRS 1306	SOIL	6645803.117	287496.4044	2230	5.16	4.56	0.09
GRS 1307	SOIL	6646001.367	287500.2469	445	3.23	3.75	0.07
GRS 1308	SOIL	6646003.196	287548.9057	579	6.65	2.83	0.09
GRS 1309	SOIL	6646004.076	287599.6918	788	2.95	2.63	0.10
GRS 1310	SOIL	6646003.576	287653.7846	1670	11.13	5.05	0.20
GRS 1311	SOIL	6646012.704	287706.9208	807	11.30	3.53	0.12
GRS 1312	SOIL	6646002.936	287849.2358	997	8.65	2.54	0.09
GRS 1313	SOIL	6646006.776	287903.914	945	2.87	2.30	0.06
GRS 1314	SOIL	6646002.097	287954.2384	296	1.87	1.74	0.03
GRS 1315	SOIL	6646005.876	288005.9398	555	1.64	1.63	0.03
GRS 1316	SOIL	6646000.677	288052.3227	7860	7.35	4.52	0.27
GRS 1317	SOIL	6646002.676	288104.0571	847	5.14	3.00	0.11
GRS 1318	SOIL	6646006.826	288152.2788	1570	3.80	2.29	0.09
GRS 1319	SOIL	6645999.697	288202.1662	5580	6.50	4.37	0.30
GRS 1320	SOIL	6646003.826	288248.8542	913	10.11	3.32	0.12