

ASX / MEDIA ANNOUNCEMENT

11/10/2021

VERY POSITIVE INITIAL ORE SORTING RESULTS RECEIVED & OAKOVER IN-FILL AND EXTENSIONAL RC DRILLING PROGRAM SUCCESSFULLY COMPLETED

Highlights

- Very positive initial ore sorting results from massive manganese samples supplied from diamond core
 - Larger scale test work to commence shortly
- Firebird's Maiden RC drilling program at the Oakover Manganese Project has been completed
 - 233 holes for ~10,000m of RC drilling completed
 - All assay results expected to be reported by end of quarter
- Down hole Geophysics campaign completed with the aim to improve confidence in density of the mineral resource at Sixty Sixer, Jayeye and Karen orebodies

Firebird Metals Limited (ASX: FRB, "Firebird" or "the Company") is pleased to announce the successful completion of early-stage Ore Sorting test work by STEINERT. The test work involves scanning of hand-selected ore and waste samples supplied from diamond core including samples from massive manganese zones and combination of manganese and waste material.

This STEINERT process takes measurements from all four sensors simultaneously, i.e., colour camera, 3D laser, induction, and X-ray transmission (XRT). The data obtained during scanning was then uploaded onto STEINERT's proprietary software to assess optimal theoretical separation, with a bespoke separation program utilising a combination of all the afore-mentioned sensors. The work undertaken focused on the potential ability to identify and selectively sort the massive manganese from waste and is consistent with the Oakover Rapid Development Program targeting high-grade Direct Shipping Ore ("DSO") and simple beneficiation processes.

The Company will now move to completing further test work on larger test samples with STEINERT and if successful, testing on bulk samples will subsequently be undertaken. The samples used for the initial test and subsequent larger test samples have been selected from the old diamond core samples recovered from storage archives, which enabled fast tracking of the metallurgical test studies. Feed preparation (crushing, screening and scrubbing) of the larger test samples extracted from the drill core is underway.

The Company's maiden drill program at its flagship Oakover Manganese project in WA's Pilbara region has concluded, with 233 holes drilled for ~10,000m. The RC drilling program commenced on 7 August and comprised a mix of infill and extensional drilling at the Sixty Sixer and Jay Eye prospects, which host the existing 64Mt Inferred Mineral Resource estimate at 10% Mn (reported in accordance with the JORC Code 2012 (H&SC Consultants, August 2012)).

As part of this drilling program, a down hole geophysics logging campaign has also been completed to improve confidence in density of the mineral resource. The first set of assay results (from a total of eight sets) from the drill program have been received and are currently being collated and processed, the Company expects to announce all assay results by the end of the quarter.

The RC drill program is an integral part of Firebird's Rapid Development Program, which also includes other core workstreams of beneficiation study focusing on both DMS and/or ore sorting, initial hydrometallurgy test work and a haulage and port infrastructure study.

The data from these workstreams will contribute critical information towards the Pre-Feasibility Study, that is expected to be completed in the first quarter CY2022, as part of the Company's long-term strategy of manganese sulphate production for batteries or electrolytic manganese metal industries.

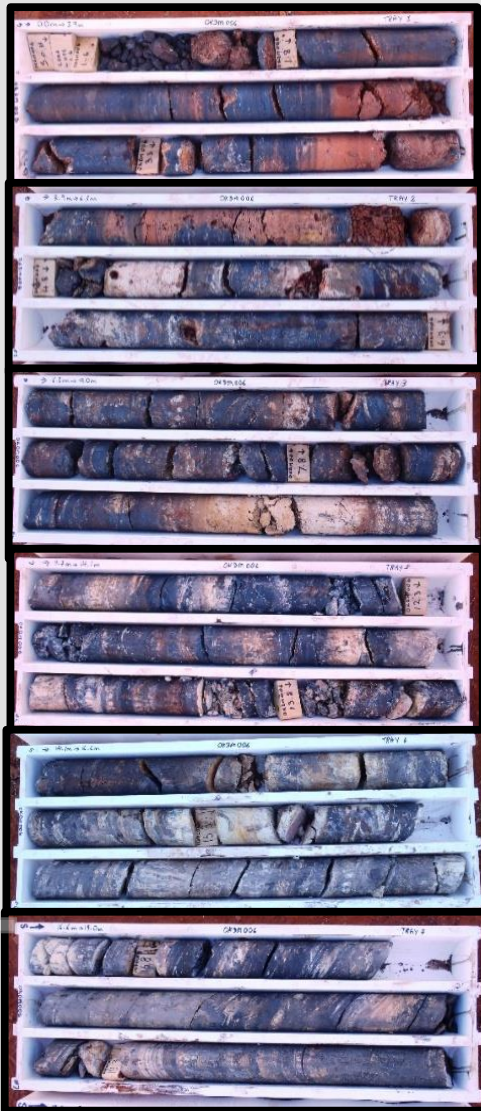
Commenting on the completion of drilling at Oakover and the initial ore scanning results, Firebird Managing Director Mr Peter Allen said: *"Completing our maiden drill program and successfully progressing key Rapid Development Program workstreams are key milestones, which will play a key role in progressing our growth strategy to develop our highly-exciting flagship Oakover Project."*

"Our ore sorting test work is focusing on the massive manganese zones, which is in line with our high-grade DSO/simple beneficiation strategy. Ore sorting technology has made significant advances over recent years and been successfully utilized at several mines including a local manganese mine. We are very encouraged that the initial ore sorting test work results are very positive, and we are now moving ahead with a larger test sample."

"The Company is experiencing excellent momentum on the ground at Oakover and in the lab and the entire team is focused on the execution of key workstreams and finishing the calendar year in a strong position."



Diamond core hole OKDM002 17.5m to 19.9m. Massive manganese with minor manganiferous shale logged from 16.7m to 20.8mm



Diamond core hole OKDM006 Surface to 14.1m. Laterite Mn rich and Massive manganese



Diamond core hole OKDM006 cut and quartered Massive Manganese



-ENDS-

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About Firebird Metals Limited

FRB is an exploration and development company that owns 100% of three highly prospective manganese projects in the renowned East Pilbara manganese province of Western Australia:

- Oakover Project - Inferred JORC 2012 Mineral Resource estimate of 64 Mt @ 10% Mn
- Hill 616 Manganese Project - >3,500 metres drilled along strike length of 2.6km
- Disraeli Manganese Project - potential Woodie Woodie style mineralisation

The Company's primary focus will be on the flagship Oakover Project which is located 85 km east of Newman and covers approximately 360 km². Oakover has an Inferred Mineral Resource estimate of 64Mt at 10% Mn (reported in accordance with the JORC Code 2012 (H&SC Consultants, August 2012) at the Sixty Sixer and JayEye prospects.

The Inferred Mineral Resource estimate combined with historical exploration work provides a solid technical foundation for further development, with the company planning to complete additional infill and extensional drilling in conjunction with modern metallurgical test work utilising lower cost DMS and ore sorting techniques to deliver marketable manganese products to the global steel and battery markets.

ABOUT STEINERT AUSTRALIA

Founded in 1889 in Cologne, Germany, STEINERT is well known for its state of the art magnetic and sensor-based separation systems for the Mining and Recycling industries. Steinert entered the Australian market in 2004 by acquiring Sturton-Gill Engineering. Under the new name STEINERT Australia Pty Ltd, STEINERT became one of the leading magnet manufacturers and suppliers of the latest sensor sorting technologies in the Australian and Asian-Pacific region. Today, STEINERT Australia's headquarters are based in Bayswater, Victoria, in addition we also have a Western Australian office in Perth which encompasses a test facility and service centre that provides sensor sorting technologies for the mining regions around Australia.

STEINERT CORE COMPETENCIES

Tramp Material Detection & Removal Systems to protect Conveyor's, Crushers & HPGR's
Dry and Wet Drums Magnetic Separators for media recovery & Iron Ore beneficiation.
Induction, XRT, XRF, 3D/Laser, Colour & Near Infra-Red Ore Sorting Systems
Metal Detection Systems
Magnetic Drums/Pulley

Competent Persons Statement

The information in this Report that relates to Exploration Results and Mineral Resources of the Company is based on, and fairly represents, information and supporting documentation that has been reviewed and prepared by Robert Wason, who is a Senior Consultant - Geology at Mining Insights Pty Ltd and is a member of AusIMM.

Mr. Wason has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity, which they are undertaking to qualify as an Expert and Competent Person as defined under the VALMIN Code and in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves' ("JORC Code 2012"). Mr. Wason consents to the inclusion in this announcement of the matters based on the information in the form and context in which they appear.

Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Mark Pudovskis. Mr Pudovskis is a full-time employee of CSA Global Pty Ltd and is a Member of the Australasian Institute of Mining and Metallurgy.

Mr Pudovskis has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). Mr Pudovskis consents to the disclosure of the information in this report in the form and context in which it appears.

Competent Persons Statement

The information in this report that relates to ore sorting results is based on and fairly represents information compiled by Dr Tony Parry. Dr Parry is the Managing Director of Consultancy OreSort Solutions and a Member of the Australian Institute of Mining and Metallurgy.

Dr Parry has sufficient experience of the ore sorting test work under consideration to be aware of problems that could affect the reliability of the data and to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Parry consents to the inclusion in this report of the matters based on information in the form and context in which they appear.

JORC Code, 2012 Edition Table 1 – Oakover Manganese Project

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary								
Sampling techniques	<ul style="list-style-type: none">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.In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, 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.	<ul style="list-style-type: none">Ten diamond core holes were drilled by Topdrive Drillers Australia on the Oakover project in June 2011.Nine diamond core holes (OKDM0012-OKDM010) were logged by CSA Global in June 2021, and sampled and assayed by Nagrom Metallurgical in August 2021.Samples were dried, crushed, ring pulverised and analysed by X-Ray Fluorescence Spectrometry (XRF). The elements determined by XRF wereMn, Fe, Al2O3, CaO, Cr2O3, P2O5, SiO2, Ba, K2O, MgO, Na2O, S, TiO2, LOI1000.Prepared sample was fused in lithium borate flux with lithium nitrate additive. The resultant glass bead was analysed by XRF. Loss on Ignition (LOI) is packaged with XRF suites to achieve close to 100% characterisation.The Competent Person (CP) considers that the sample techniques adopted were appropriate for the style of mineralisation and for reporting of an Exploration Result.								
Drilling techniques	<ul style="list-style-type: none">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).	<ul style="list-style-type: none">Drilling was completed by PQ3 diamond coring methods in 2011. The core was not orientated. Given the relatively shallow nature of the deposit and the supergene overprinting, orientation is not material.								
Drill sample recovery	<ul style="list-style-type: none">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	<ul style="list-style-type: none">The core recoveries from the 2021 CSA Global relogging are summarised below. <table><tr><th>Drill Hole</th><th>Prospect</th><th>Hole length</th><th>Core Recovery % (average 1.5m core runs)</th></tr><tr><td></td><td><input type="checkbox"/></td><td></td><td></td></tr></table>	Drill Hole	Prospect	Hole length	Core Recovery % (average 1.5m core runs)		<input type="checkbox"/>		
Drill Hole	Prospect	Hole length	Core Recovery % (average 1.5m core runs)							
	<input type="checkbox"/>									

Criteria	JORC Code explanation	Commentary																																								
	and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	<table><tr><td>OKDM001</td><td>66</td><td>49.8</td><td>-</td></tr><tr><td>OKDM002</td><td>66</td><td>45.3</td><td>94.1</td></tr><tr><td>OKDM003</td><td>66</td><td>36.3</td><td>79.6</td></tr><tr><td>OKDM004</td><td>66</td><td>34.8</td><td>73.8</td></tr><tr><td>OKDM005</td><td>66</td><td>34.8</td><td>90.2</td></tr><tr><td>OKDM006</td><td>Karen</td><td>34</td><td>84.9</td></tr><tr><td>OKDM007</td><td>Karen</td><td>27.3</td><td>89.2</td></tr><tr><td>OKDM008</td><td>Karen</td><td>21.3</td><td>97.2</td></tr><tr><td>OKDM009</td><td>Jay Eye</td><td>25</td><td>86.4</td></tr><tr><td>OKDD010</td><td>Jay Eye</td><td>28.8</td><td>93.8</td></tr></table>	OKDM001	66	49.8	-	OKDM002	66	45.3	94.1	OKDM003	66	36.3	79.6	OKDM004	66	34.8	73.8	OKDM005	66	34.8	90.2	OKDM006	Karen	34	84.9	OKDM007	Karen	27.3	89.2	OKDM008	Karen	21.3	97.2	OKDM009	Jay Eye	25	86.4	OKDD010	Jay Eye	28.8	93.8
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		OKDM009	Jay Eye	25	86.4																																					
		OKDD010	Jay Eye	28.8	93.8																																					
		Logging	<ul style="list-style-type: none">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.	<ul style="list-style-type: none">The core was originally logged in 2011 by Brumby Resources then geologically and geotechnically logged by CSA Global consultants in 2021 to a level of detail sufficient to establish appropriate domainning for planned metallurgical test work.With the exception of drill hole OKDM001, all drill holes (OKDM002 to OKDM010) were logged from surface to end of hole. Drill depths are summarised in the Table under 'Drill hole Information'.																																						
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none">If core, whether cut or sawn and whether quarter, half or all core taken.If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.For all sample types, the nature, quality and appropriateness of the sample preparation technique.Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.Whether sample sizes are appropriate to the grain size of the material being sampled.	<ul style="list-style-type: none">Sample preparation was as follows:<ul style="list-style-type: none">Receive, sort, log, and batch samplesTwo longitudinal core cuts (halved and quartered)Coarse Crushing of one quarter to a nominal topsize of 6.3mmRifle split all samplesPulverise to 80% passing 75µmSampling intervals were based on the CSA Global diamond core logging and sampling report of June 2021The CP considers that the sub sampling techniques adopted were appropriate for the style of mineralisation.																																								

Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> XRF Analysis <ul style="list-style-type: none"> Mn, Fe, Al₂O₃, CaO, Cr₂O₃, P₂O₅, SiO₂, Ba, K₂O, MgO, Na₂O, S, TiO₂, LOI1000 Prepared sample was fused in lithium borate flux with lithium nitrate additive. The resultant glass bead was analysed by XRF. XRF is suitable for the total analysis of a range of geological ores. XRF Suites are tailored to specific ore types, using predefined inter-element and matrix corrections. Loss on Ignition (LOI) is packaged with XRF suites to achieve close to 100% characterisation.
Verification of sampling and assaying	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All sampling intersections were determined by CSA Global, an independent consulting company.
Location of data points	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Drill locations were located by handheld GPS. Expected accuracy is +/- 5m for northing and easting. GDA94 Zone 51 datum is used as the coordinate system. There is no record of topographic control although the terrain is flat The CP considers that the survey techniques adopted were appropriate for the style of mineralisation and for reporting of an Exploration Result.
Data spacing and distribution	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Seven diamond core holes were drilled on the Oakover prospect (OKDM001/2/3/4/5/9/10) of approximately 2km in strike. Three further holes were drilled to south on the Karen prospect (OKDM006/7/8) The CP considers the data spacing is sufficient when consolidated with the current RCP programme to establish a degree of grade continuity for the project.
Orientation of data in relation to	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Diamond core hole sample spacing, and orientation is considered suitable for regional geochemical exploration to define manganese targets.

Criteria	JORC Code explanation	Commentary
geological structure	<i>sampling bias, this should be assessed and reported if material.</i>	
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> Nagrom Metallurgical were contracted to both sample and assay the preserved core providing a continuous chain of possession sufficient for sample security
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> There is no record of any audits or reviews having been undertaken on the sampling data.

Section 2 Reporting of Exploration Results – Oakover Manganese Project

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

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The Oakover Manganese project consists of one exploration licence (E52/3577-1) in the East Pilbara region of Western Australia. The licence is by Firebird Metals Limited. The licence covers 54 blocks, was applied for on 13 September 2017, granted on 11 March 2019 with an expiry date of 10 March 2024
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> The most recent meaningful work completed on the project was by Brumby Resources and included RCP drilling, mapping and a Mineral Resource estimate completed in August 2012 by H & S Consultants Pty Ltd (H&SC) who estimated an Inferred Mineral Resource (using an 8% Mn cut-off) of 64.1 Mt grading 11.5% Mn, 10.1% Fe, 10.5% Al₂O₃ and 41.3% SiO₂. The diamond core PQ3 (triple tube) drilling programme, relevant to this release was completed in 2011 and was designed to collect representative samples across the Mineral Resource for metallurgical test work
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The manganese mineralisation is stratiform and hosted by dolomitic-rich Balfour Downs shale beds. The mineralisation is tabular in form, dips gently at approximately 10° to the northwest and outcrops at the

Criteria

JORC Code explanation

Commentary

surface at the southern edge of the deposit. Supergene enrichment of the manganese stratigraphy within the top 5-10m has resulted in massive manganese outcrops at the surface

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.

Drill Hole	Prospect	Easting	Northing	RL	Hole length
OKDM001	66	261308	7419826	529	49.8
OKDM002	66	261295	7419895	522	45.3
OKDM003	66	261277	7419984	518	36.3
OKDM004	66	261225	7419824	520	34.8
OKDM005	66	261554	7420051	516	34.8
OKDM006	Karen	260747	7415499	536	34
OKDM007	Karen	260763	7415552	535	27.3
OKDM008	Karen	260890	7415570	535	21.3
OKDM009	Jay Eye	262788	7420675	517	25
OKDD010	Jay Eye	262810	7420647	517	28.8

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 aggregations 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 maximum cut-off value was used.
- A simple arithmetic average of intervals above and below the 10% cut-off was used to interpret the results
- Please refer to appendix 1 for table of all results
- The following table describes the method used

Criteria

JORC Code explanation

Commentary

Hole #	Sample start (m)	Sample Finish (m)	Mass (kg)	Mn (%)	Interval Average (%)	Total Average (%)
OKDM004	2.80	3.52	1.61	12.95	20.14	13.36
OKDM004	3.52	4.80	3.85	27.53		
OKDM004	4.80	6.00	4.74	16.21		
OKDM004	6.00	7.29	2.19	23.85		
OKDM004	7.29	8.00	1.77	3.82	3.91	
OKDM004	8.00	9.00	3.42	0.12		
OKDM004	9.00	9.61	2.34	1.38		
OKDM004	9.61	10.80	2.46	9.88		
OKDM004	10.80	12.00	4.15	1.70	16.68	
OKDM004	12.00	13.00	1.22	6.54		
OKDM004	13.00	14.00	1.61	20.61		
OKDM004	14.00	15.00	2.44	17.33		
OKDM004	15.00	16.00	2.05	12.01	19.14	
OKDM004	16.00	17.00	1.71	11.62		
OKDM004	17.00	18.00	1.64	11.67		
OKDM004	18.00	19.00	0.75	14.61		
OKDM004	19.00	19.80	0.63	28.92	2.38	
OKDM004	19.80	21.00	0.35	2.38		
OKDM004	21.00	22.30	1.60	17.64		
OKDM004	22.30	24.40	1.52	16.40		
OKDM004	24.40	25.40	1.20	23.37		

- 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').
- The relationship between mineralisation and intercept lengths is still to be determined.
- Down hole intercept lengths only are reported, however the mineralisation is relatively shallow dipping and drill intercepts, although not true thicknesses, will not be too materially different from those thicknesses reported.

- 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.
- Refer to figures within the body of the release.

- 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.
- A full summary of all diamond core drill results in included as Appendix 1.

- 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
- Initial ore sorting test work completed by Steinert, involves scanning of hand-selected ore and waste samples supplied from diamond core samples focussing on the massive manganese zones within diamond

Criteria	JORC Code explanation	Commentary
exploration data	<i>method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	core including a combination of manganese and waste material with the aim to investigate the potential ability of a ore sorting machine to identify and selectively sort the massive manganese from waste material.
Further work	<ul style="list-style-type: none">• 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.	<ul style="list-style-type: none">• A comprehensive Reverse Circulation programme over the Oakover prospect is currently being undertaken.

Appendix 1: Summary of all Oakover PQ3 diamond core results

Drill Hole #	Meterage From	Meterage To	Sample ID	Mass kg	% Mn	% Fe	% Al ₂ O ₃	% SiO ₂
OKDM002	0.00	1.00	OKDM002 0-1	2.76	1.69	29.54	10.71	35.79
OKDM002	1.00	2.07	OKDM002 1-2.07	2.12	2.39	29.23	12.60	31.56
OKDM002	2.07	3.00	OKDM002 2.07-3	2.04	6.98	19.55	15.81	32.46
OKDM002	3.00	4.00	OKDM002 3-4	2.44	8.62	21.26	17.77	24.80
OKDM002	2.07	4.84	OKDM002 2.07-4.84	2.00	3.73	27.11	18.17	22.83
OKDM002	4.84	6.00	OKDM002 4.84-6	3.30	3.96	25.73	18.37	23.44
OKDM002	6.00	7.28	OKDM002 6-7.28	5.06	2.05	27.61	17.07	25.38
OKDM002	7.28	7.78	OKDM002 7.28-7.78	1.32	9.28	20.50	15.60	25.78
OKDM002	7.78	8.80	OKDM002 7.78-8.8	2.34	1.93	19.72	18.56	34.94
OKDM002	8.80	10.00	OKDM002 8.8-10	3.26	8.04	11.65	15.53	41.61
OKDM002	10.00	11.00	OKDM002 10-11	3.26	4.05	8.94	15.35	53.20
OKDM002	11.00	12.00	OKDM002 11-12	2.76	6.68	8.47	13.53	52.02
OKDM002	12.00	13.41	OKDM002 12-13.41	3.30	3.56	10.66	11.35	56.51
OKDM002	13.41	13.91	OKDM002 13.41-13.91	1.14	2.69	5.00	13.16	65.75
OKDM002	13.91	15.00	OKDM002 13.91-15	1.84	5.20	8.46	12.39	56.35
OKDM002	15.00	16.00	OKDM002 15-16	2.26	6.15	10.85	11.56	52.35
OKDM002	16.00	16.73	OKDM002 16-16.73	3.20	11.20	12.10	10.18	44.05
OKDM002	16.73	18.00	OKDM002 16.73-18	1.94	15.04	10.91	9.45	40.33
OKDM002	18.00	19.00	OKDM002 18-19	2.28	12.69	10.29	10.69	42.65
OKDM002	19.00	20.00	OKDM002 19-20	2.74	14.40	11.77	8.96	39.65
OKDM002	20.00	20.81	OKDM002 20-20.81	2.40	13.29	11.20	9.15	40.77
OKDM002	20.81	22.00	OKDM002 20.81-22	3.16	12.40	10.29	10.05	42.44
OKDM002	22.00	23.00	OKDM002 22-23	2.88	13.11	8.96	8.75	38.40
OKDM002	23.00	24.23	OKDM002 23-24.23	3.24	12.67	8.10	9.19	37.56
OKDM002	24.23	25.20	OKDM002 24.23-25.2	2.48	12.28	9.34	8.95	36.29
OKDM002	25.20	26.00	OKDM002 25.2-26	0.94	15.59	10.08	9.13	37.53
OKDM002	26.00	27.00	OKDM002 26-27	2.64	12.49	9.26	10.96	42.84
OKDM002	27.00	28.00	OKDM002 27-28	2.34	13.30	8.50	10.83	41.15
OKDM002	28.00	29.00	OKDM002 28-29	2.00	13.05	8.19	10.22	39.76
OKDM002	29.00	30.00	OKDM002 29-30	3.48	9.88	7.46	9.76	36.75
OKDM002	30.00	31.00	OKDM002 30-31	3.46	8.78	6.92	9.98	37.55
OKDM002	31.00	32.00	OKDM002 31-32	3.74	8.34	6.59	10.24	38.54
OKDM002	32.00	33.00	OKDM002 32-33	4.30	8.07	6.38	10.37	39.12
OKDM002	33.00	34.00	OKDM002 33-34	3.70	9.23	6.61	9.43	36.16
OKDM002	34.00	35.00	OKDM002 34-35	3.90	8.53	6.30	9.92	38.62
OKDM002	35.00	36.00	OKDM002 35-36	3.76	7.94	6.01	10.03	39.93
OKDM002	36.00	37.00	OKDM002 36-37	3.92	6.20	6.19	11.68	44.66
OKDM002	37.00	38.00	OKDM002 37-38	4.06	7.87	6.15	9.73	41.42
OKDM002	38.00	39.00	OKDM002 38-39	3.08	7.75	5.81	10.24	41.09
OKDM002	39.00	40.00	OKDM002 39-40	3.18	7.25	6.45	10.43	40.17
OKDM002	40.00	41.00	OKDM002 40-41	3.14	7.09	5.96	10.66	41.65
OKDM002	41.00	42.00	OKDM002 41-42	3.36	7.53	6.05	10.51	40.70
OKDM002	42.00	43.00	OKDM002 42-43	3.74	7.13	6.40	10.83	41.44

OKDM002	43.00	44.00	OKDM002 43-44	3.86	6.27	6.29	11.37	43.47
OKDM002	44.00	45.30	OKDM002 44-45.3	4.46	5.69	6.13	11.71	45.15
OKDM003	0.00	1.00	OKDM003 0-1	1.37	0.16	27.49	15.63	32.48
OKDM003	2.20	3.00	OKDM003 2.2-3	2.34	0.05	20.23	24.14	31.45
OKDM003	3.00	4.00	OKDM003 3-4	1.32	0.10	19.87	23.77	32.33
OKDM003	4.00	5.00	OKDM003 4-5	1.13	0.03	11.02	27.76	39.44
OKDM003	5.00	6.52	OKDM003 5-6.52	1.89	1.02	18.85	21.22	35.31
OKDM003	6.52	7.50	OKDM003 6.52-7.5	1.15	9.33	13.75	14.62	38.62
OKDM003	7.50	8.00	OKDM003 7.5-8	2.00	19.93	12.67	9.43	29.46
OKDM003	8.00	9.00	OKDM003 8-9	3.21	10.64	11.38	13.48	41.78
OKDM003	9.00	10.00	OKDM003 9-10	3.29	16.81	12.74	9.69	34.81
OKDM003	10.00	11.00	OKDM003 10-11	3.37	15.06	14.34	9.90	34.93
OKDM003	11.00	12.00	OKDM003 11-12	2.18	3.55	20.97	10.63	42.38
OKDM003	12.00	13.00	OKDM003 12-13	2.64	11.92	19.79	8.22	33.91
OKDM003	13.00	14.00	OKDM003 13-14	3.11	13.32	11.18	10.73	42.29
OKDM003	14.00	15.00	OKDM003 14-15	2.78	11.65	13.78	10.06	40.90
OKDM003	15.00	16.00	OKDM003 15-16	2.52	10.89	10.74	10.99	46.28
OKDM003	16.00	17.43	OKDM003 16-17.43	3.50	11.03	9.45	11.42	47.13
OKDM003	17.43	18.00	OKDM003 17.43-18	1.72	7.26	7.23	12.33	55.41
OKDM003	18.00	19.00	OKDM003 18-19	2.62	9.36	9.82	11.28	49.50
OKDM003	19.00	20.00	OKDM003 19-20	0.37	12.43	12.93	9.14	42.08
OKDM003	21.00	22.00	OKDM003 21-22	1.27	10.74	7.02	11.53	49.68
OKDM003	22.00	23.00	OKDM003 22-23	2.02	13.32	10.49	9.50	42.03
OKDM003	23.00	24.00	OKDM003 23-24	2.54	11.04	9.36	10.33	45.62
OKDM003	24.00	25.00	OKDM003 24-25	1.77	11.94	9.81	9.64	44.50
OKDM003	25.00	26.00	OKDM003 25-26	3.14	8.03	5.53	7.05	28.85
OKDM003	26.00	27.00	OKDM003 26-27	2.53	10.65	10.60	8.76	38.14
OKDM003	27.00	28.00	OKDM003 27-28	2.86	8.58	8.87	9.53	44.54
OKDM003	28.00	29.00	OKDM003 28-29	2.05	7.44	7.51	10.69	50.00
OKDM003	29.00	30.30	OKDM003 29-30.3	3.32	13.92	8.29	9.05	41.67
OKDM003	30.30	31.00	OKDM003 30.3-31	0.91	25.03	9.27	6.16	28.00
OKDM003	31.00	32.00	OKDM003 31-32	0.80	10.40	8.29	11.83	47.84
OKDM003	32.00	33.20	OKDM003 32-33.2	1.80	16.97	9.69	9.24	37.64
OKDM003	33.20	34.00	OKDM003 33.2-34	2.00	17.51	15.50	7.89	29.58
OKDM003	34.00	35.00	OKDM003 34-35	0.85	10.54	9.03	8.42	33.20
OKDM003	35.00	36.30	OKDM003 35-36.3	2.88	10.01	8.88	8.37	32.96
OKDM004	0.00	1.00	OKDM004 0-1	0.81	1.04	30.47	13.87	28.93
OKDM004	1.00	2.00	OKDM004 1-2	2.99	1.15	22.10	19.91	32.81
OKDM004	2.00	2.80	OKDM004 2-2.8	2.18	5.26	22.32	17.18	28.94
OKDM004	2.80	3.52	OKDM004 2.8-3.52	1.61	12.95	16.45	16.25	25.49
OKDM004	3.52	4.80	OKDM004 3.52-4.8	3.85	27.53	8.59	8.17	25.36
OKDM004	4.80	6.00	OKDM004 4.8-6	4.74	16.21	12.86	9.54	36.07
OKDM004	6.00	7.29	OKDM004 6-7.29	2.19	23.85	8.67	9.21	29.86
OKDM004	7.29	8.00	OKDM004 7.29-8	1.77	3.82	9.29	12.54	58.43
OKDM004	8.00	9.00	OKDM004 8-9	3.42	0.12	11.56	12.91	60.49
OKDM004	9.00	9.61	OKDM004 9-9.61	2.34	1.38	12.34	12.53	57.46
OKDM004	9.61	10.80	OKDM004 9.61-10.8	2.46	9.88	15.29	8.96	43.28
OKDM004	10.80	12.00	OKDM004 10.8-12	4.15	1.70	16.05	9.34	54.37

OKDM004	12.00	13.00	OKDM004 12-13	1.22	6.54	9.50	11.36	52.39
OKDM004	13.00	14.00	OKDM004 13-14	1.61	20.61	10.80	7.63	33.26
OKDM004	14.00	15.00	OKDM004 14-15	2.44	17.33	10.58	8.47	36.88
OKDM004	15.00	16.00	OKDM004 15-16	2.05	12.01	9.67	10.31	44.26
OKDM004	16.00	17.00	OKDM004 16-17	1.71	11.62	9.31	10.34	45.44
OKDM004	17.00	18.00	OKDM004 17-18	1.64	11.67	8.97	10.74	43.93
OKDM004	18.00	19.00	OKDM004 18-19	0.75	14.61	9.21	9.41	41.82
OKDM004	19.00	19.80	OKDM004 19-19.8	0.63	28.92	9.53	5.32	22.05
OKDM004	19.80	21.00	OKDM004 19.8-22.3	0.35	2.38	6.22	15.07	60.08
OKDM004	21.00	22.30	OKDM004 22.3-23.4	1.60	17.64	6.71	10.40	38.76
OKDM004	23.40	24.40	OKDM004 23.4-24.4	1.52	16.40	10.30	9.93	36.62
OKDM004	24.40	25.40	OKDM004 24.4-25.4	1.20	23.37	9.64	7.84	29.08
OKDM004	25.40	26.00	OKDM004 25.4-26	1.00	3.45	8.22	14.86	53.42
OKDM004	26.00	26.90	OKDM004 26-26.9	1.39	8.49	9.63	11.01	43.75
OKDM004	26.90	28.00	OKDM004 26.9-28	1.80	7.93	7.41	11.11	43.05
OKDM004	28.00	29.00	OKDM004 28-29	2.38	8.14	5.93	10.32	40.51
OKDM004	29.00	30.00	OKDM004 29-30	2.99	8.01	7.31	12.00	46.52
OKDM004	30.00	31.00	OKDM004 30-31	3.21	7.40	6.78	9.78	42.05
OKDM004	31.00	32.00	OKDM004 31-32	2.39	7.44	5.58	10.29	41.58
OKDM004	32.00	33.00	OKDM004 32-33	2.82	7.50	6.63	9.94	39.96
OKDM004	33.00	34.00	OKDM004 33-34	2.42	7.40	6.23	10.34	40.62
OKDM004	34.00	34.80	OKDM004 34-34.8	2.00	7.75	6.60	9.91	39.30
OKDM005	0.00	1.00	OKDM005 0-1	1.44	0.27	24.09	10.62	47.24
OKDM005	1.00	2.00	OKDM005 1-2	2.29	0.87	28.12	15.86	31.32
OKDM005	2.00	3.00	OKDM005 2-3	2.18	0.16	27.29	18.52	29.79
OKDM005	3.00	4.00	OKDM005 3-4	3.11	0.09	26.48	18.98	30.19
OKDM005	4.00	5.00	OKDM005 4-5	2.07	0.15	27.95	19.29	27.82
OKDM005	5.00	5.62	OKDM005 5-5.62	1.33	4.39	27.57	17.41	23.70
OKDM005	5.62	6.86	OKDM005 5.62-6.86	1.99	5.17	20.53	15.30	31.45
OKDM005	6.86	8.00	OKDM005 6.86-8	1.47	15.62	18.56	12.21	22.08
OKDM005	8.00	9.00	OKDM005 8-9	2.27	18.08	13.73	11.42	26.51
OKDM005	9.00	10.00	OKDM005 9-10	2.78	27.41	11.58	9.16	19.34
OKDM005	10.00	11.00	OKDM005 10-11	1.15	2.77	15.28	17.23	40.55
OKDM005	11.00	12.26	OKDM005 11-12.26	2.51	11.01	20.46	11.87	29.01
OKDM005	12.26	13.00	OKDM005 12.26-13	1.59	14.26	15.33	9.67	35.33
OKDM005	13.00	14.00	OKDM005 13-14	2.57	7.47	16.75	10.44	44.25
OKDM005	14.00	15.00	OKDM005 14-15	3.12	16.48	11.19	9.69	38.88
OKDM005	15.00	16.00	OKDM005 15-16	2.79	16.92	8.94	10.54	40.52
OKDM005	16.00	16.96	OKDM005 16-16.96	2.30	13.86	9.73	10.97	43.51
OKDM005	16.96	18.00	OKDM005 16.96-18	2.76	7.23	8.62	12.60	54.59
OKDM005	18.00	19.00	OKDM005 18-19	2.23	7.07	8.09	13.07	54.81
OKDM005	19.00	20.00	OKDM005 19-20	2.60	15.15	9.65	10.61	42.23
OKDM005	20.00	21.00	OKDM005 20-21	2.18	17.00	12.60	8.81	37.39
OKDM005	21.00	22.00	OKDM005 21-22	3.36	8.19	10.55	12.24	48.96
OKDM005	22.00	23.00	OKDM005 22-23	2.53	12.41	9.58	10.82	46.29
OKDM005	23.00	23.75	OKDM005 23-23.75	1.20	12.36	7.58	12.05	48.49
OKDM005	23.75	25.00	OKDM005 23.75-25	1.77	13.90	11.60	9.88	43.44
OKDM005	25.00	26.00	OKDM005 25-26	2.50	12.48	13.17	9.40	43.61

OKDM005	26.00	27.00	OKDM005 26-27	1.13	5.05	4.64	13.89	61.62
OKDM005	27.00	28.80	OKDM005 27-28.8	1.30	14.92	8.08	12.70	41.22
OKDM005	28.80	30.00	OKDM005 28.8-30	2.13	13.68	9.71	8.69	39.12
OKDM005	30.00	31.00	OKDM005 30-31	1.37	9.57	12.10	11.01	46.76
OKDM005	31.00	32.00	OKDM005 31-32	1.18	7.07	14.09	11.51	47.11
OKDM005	32.00	33.00	OKDM005 32-33	2.33	19.79	15.78	6.95	29.10
OKDM005	33.00	34.00	OKDM005 33-34	1.45	12.03	12.63	10.78	41.40
OKDM005	34.00	34.80	OKDM005 34-34.8	0.57	20.66	8.65	9.52	35.11
OKDM006	1.60	2.00	OKDM006 1.6-2	1.24	20.13	12.86	7.65	32.48
OKDM006	2.00	3.00	OKDM006 2-3	2.46	17.65	13.30	8.74	35.05
OKDM006	3.00	4.00	OKDM006 3-4	2.05	17.96	11.89	7.96	37.81
OKDM006	4.00	5.00	OKDM006 4-5	1.98	13.63	12.21	8.38	43.58
OKDM006	5.00	6.00	OKDM006 5-6	3.27	14.43	10.78	9.17	43.41
OKDM006	6.00	7.00	OKDM006 6-7	2.27	15.12	12.60	9.46	38.29
OKDM006	7.00	8.32	OKDM006 7-8.32	2.73	21.47	10.50	8.50	33.46
OKDM006	8.32	9.00	OKDM006 8.32-9	1.53	6.78	7.54	11.01	59.00
OKDM006	9.00	10.00	OKDM006 9-10	2.00	4.65	10.03	12.33	56.73
OKDM006	10.00	11.00	OKDM006 10-11	2.27	14.29	12.19	10.24	40.85
OKDM006	11.00	12.00	OKDM006 11-12	2.18	11.81	13.29	10.62	42.35
OKDM006	12.00	13.00	OKDM006 12-13	2.61	15.81	10.14	9.77	41.12
OKDM006	13.00	14.00	OKDM006 13-14	3.06	11.87	9.91	11.18	45.15
OKDM006	14.00	14.60	OKDM006 14-14.6	1.61	12.68	9.73	11.43	43.53
OKDM006	14.60	16.00	OKDM006 14.6-16	4.53	8.13	10.66	10.87	50.52
OKDM006	16.00	17.00	OKDM006 16-17	3.77	7.15	11.71	11.46	49.94
OKDM006	17.00	18.00	OKDM006 17-18	2.87	8.33	9.57	10.69	52.18
OKDM006	18.00	19.00	OKDM006 18-19	2.11	6.41	10.00	11.25	53.77
OKDM006	19.00	20.00	OKDM006 19-20	3.39	8.33	10.53	10.80	50.34
OKDM006	20.00	21.00	OKDM006 20-21	1.50	9.58	10.40	10.57	49.33
OKDM006	21.00	22.00	OKDM006 21-22	1.80	7.47	12.19	11.40	48.70
OKDM006	22.00	23.00	OKDM006 22-23	2.40	10.35	11.37	10.08	46.92
OKDM006	23.00	23.95	OKDM006 23-23.95	1.78	9.60	10.15	10.09	49.34
OKDM006	23.95	25.00	OKDM006 23.95-25	1.31	1.46	7.98	13.72	61.78
OKDM006	25.00	26.00	OKDM006 25-26	1.96	7.40	11.53	11.22	49.54
OKDM006	26.00	27.30	OKDM006 26-27.3	0.68	8.51	10.03	11.28	49.68
OKDM006	27.30	28.10	OKDM006 27.3-28.1	1.19	20.07	9.19	8.42	35.26
OKDM006	28.10	29.00	OKDM006 28.1-29	0.84	16.17	10.21	9.14	38.86
OKDM006	29.00	30.00	OKDM006 29-30	1.02	22.93	9.87	7.12	30.80
OKDM006	30.00	31.00	OKDM006 30-31	1.99	13.26	8.63	10.63	44.93
OKDM006	31.00	32.00	OKDM006 31-32	1.09	24.38	9.18	7.29	29.78
OKDM006	32.00	34.00	OKDM006 32-34	1.21	19.65	15.15	7.49	29.49
OKDM007	0.00	1.00	OKDM007 0-1	2.16	16.20	13.88	8.53	35.93
OKDM007	1.00	2.00	OKDM007 1-2	2.12	8.85	9.04	10.86	52.34
OKDM007	2.00	3.00	OKDM007 2-3	1.36	10.15	9.79	10.12	49.92
OKDM007	3.00	4.00	OKDM007 3-4	1.84	11.67	11.09	8.19	47.51
OKDM007	4.00	5.00	OKDM007 4-5	1.48	13.86	8.61	8.31	47.68
OKDM007	5.00	6.00	OKDM007 5-6	2.94	10.44	10.54	9.86	48.79
OKDM007	6.00	7.00	OKDM007 6-7	1.94	7.98	10.05	11.29	52.19
OKDM007	7.00	8.00	OKDM007 7-8	2.06	4.68	10.48	11.38	56.98

OKDM007	8.00	9.40	OKDM007 8-9.4	2.80	7.17	12.53	9.88	51.65
OKDM007	9.40	10.00	OKDM007 9.4-10	0.98	7.19	12.52	10.42	50.57
OKDM007	10.00	11.00	OKDM007 10-11	2.22	5.85	10.35	11.92	54.11
OKDM007	11.00	12.00	OKDM007 11-12	3.30	5.37	9.30	10.92	57.91
OKDM007	12.00	13.00	OKDM007 12-13	3.46	5.80	10.93	12.37	52.23
OKDM007	13.00	14.00	OKDM007 13-14	2.84	10.09	10.77	11.42	46.43
OKDM007	14.00	15.00	OKDM007 14-15	4.24	14.43	12.37	9.21	39.77
OKDM007	15.00	16.00	OKDM007 15-16	1.70	9.50	12.70	10.69	45.43
OKDM007	16.00	17.00	OKDM007 16-17	1.22	11.69	10.19	10.47	45.56
OKDM007	17.00	18.00	OKDM007 17-18	1.36	6.65	8.00	12.16	55.63
OKDM007	18.00	19.00	OKDM007 18-19	1.72	7.77	9.22	10.56	54.03
OKDM007	19.00	20.00	OKDM007 19-20	1.68	8.98	10.13	11.82	48.28
OKDM007	20.00	21.00	OKDM007 20-21	1.52	8.75	11.78	10.82	47.37
OKDM007	21.00	22.00	OKDM007 21-22	1.12	8.56	11.93	10.37	47.52
OKDM007	22.00	23.00	OKDM007 22-23	1.76	9.95	11.57	10.16	45.21
OKDM007	23.00	24.00	OKDM007 23-24	1.22	11.05	10.37	10.05	45.93
OKDM007	24.00	25.00	OKDM007 24-25	1.82	17.35	8.07	9.47	39.11
OKDM007	25.00	26.00	OKDM007 25-26	1.66	17.05	9.68	8.86	38.21
OKDM007	26.00	27.30	OKDM007 26-27.3	1.38	21.75	8.87	7.78	33.31
OKDM008	0.00	1.00	OKDM008 0-1	1.74	14.90	11.68	7.70	43.70
OKDM008	1.00	2.00	OKDM008 1-2	1.88	16.97	13.85	7.47	36.76
OKDM008	2.00	3.00	OKDM008 2-3	2.20	9.85	15.65	9.48	42.58
OKDM008	3.00	4.00	OKDM008 3-4	1.70	6.70	12.02	11.61	50.03
OKDM008	4.00	5.53	OKDM008 4-5.53	1.94	14.08	15.79	9.07	35.33
OKDM008	5.53	7.00	OKDM008 5.53-7	1.92	9.81	11.28	11.72	46.05
OKDM008	7.00	7.90	OKDM008 7-7.9	0.92	5.97	10.00	13.63	51.86
OKDM008	7.90	9.00	OKDM008 7.9-9	1.42	10.50	12.20	10.92	44.42
OKDM008	9.00	10.00	OKDM008 9-10	1.32	9.32	11.72	11.61	45.82
OKDM008	10.00	11.00	OKDM008 10-11	1.68	10.83	8.90	11.97	46.86
OKDM008	11.00	12.00	OKDM008 11-12	1.82	12.75	10.40	10.71	42.80
OKDM008	12.00	13.47	OKDM008 12-13.47	2.36	11.88	10.11	11.13	43.77
OKDM008	13.47	14.00	OKDM008 13.47-14	0.72	11.51	10.18	11.19	43.69
OKDM008	14.00	15.00	OKDM008 14-15	1.76	9.80	9.01	12.04	47.55
OKDM008	15.00	16.00	OKDM008 15-16	1.22	9.03	7.82	12.19	49.82
OKDM008	16.00	17.00	OKDM008 16-17	1.54	10.71	8.34	11.52	47.09
OKDM008	17.00	18.00	OKDM008 17-18	1.54	9.51	7.92	12.37	50.19
OKDM008	18.00	19.30	OKDM008 18-19.3	1.66	9.36	10.65	11.61	46.45
OKDM008	19.30	20.00	OKDM008 19.3-20	1.26	0.31	9.37	12.50	52.50
OKDM008	20.00	21.30	OKDM008 20-21.3	1.62	0.98	9.78	12.50	52.50
OKDM009	0.00	0.30	OKDM009 0-0.3	0.40	5.40	14.28	7.32	34.31
OKDM009	0.30	1.00	OKDM009 0.3-1	0.66	0.08	2.21	6.79	32.44
OKDM009	1.00	2.00	OKDM009 1-2	1.26	0.05	0.58	1.85	37.24
OKDM009	2.00	3.30	OKDM009 2-3.3	2.12	0.79	1.55	1.45	30.25
OKDM009	3.30	4.00	OKDM009 3.3-4	1.12	5.19	5.63	11.76	53.19
OKDM009	4.00	5.00	OKDM009 4-5	1.52	6.50	6.12	14.10	56.40
OKDM009	5.00	6.00	OKDM009 5-6	1.56	12.94	7.12	11.63	48.28
OKDM009	6.00	7.00	OKDM009 6-7	2.42	8.38	10.13	12.03	50.38
OKDM009	7.00	8.00	OKDM009 7-8	2.04	15.16	10.34	9.87	42.11

OKDM009	8.00	9.00	OKDM009 8-9	2.50	11.34	9.95	10.95	46.77
OKDM009	9.00	10.00	OKDM009 9-10	2.50	16.34	10.78	8.69	39.95
OKDM009	10.00	11.00	OKDM009 10-11	1.28	20.48	9.80	9.06	34.60
OKDM009	11.00	12.00	OKDM009 11-12	1.72	14.60	8.91	9.19	39.01
OKDM009	12.00	13.40	OKDM009 12-13.4	2.84	11.01	8.80	10.35	41.51
OKDM009	13.40	14.00	OKDM009 13.4-14	1.12	13.25	8.95	9.16	37.83
OKDM009	14.00	15.00	OKDM009 14-15	1.62	10.31	8.31	9.29	38.02
OKDM009	15.00	16.00	OKDM009 15-16	2.02	8.70	9.52	9.81	40.88
OKDM009	16.00	16.60	OKDM009 16-16.6	0.52	10.06	7.12	11.50	46.01
OKDM009	16.60	18.00	OKDM009 16.6-18	2.06	4.91	11.47	10.56	41.94
OKDM009	18.00	19.00	OKDM009 18-19	1.32	18.75	9.18	9.41	36.19
OKDM009	19.00	20.00	OKDM009 19-20	1.80	18.42	7.73	10.13	39.07
OKDM009	20.00	21.00	OKDM009 20-21	1.10	11.41	11.09	11.38	43.87
OKDM009	21.00	22.00	OKDM009 21-22	1.60	20.00	7.70	9.59	37.44
OKDM009	22.00	23.00	OKDM009 22-23	2.86	17.11	11.98	9.28	35.66
OKDM009	23.00	24.00	OKDM009 23-24	2.92	13.48	13.20	10.18	39.36
OKDM009	24.00	25.00	OKDM009 24-25	2.70	9.51	12.04	10.84	47.27
OKDM010	0.00	1.00	OKDM010 0-1	2.72	8.08	6.16	7.07	28.81
OKDM010	1.00	2.05	OKDM010 1-2.05	1.56	2.69	3.10	5.04	38.69
OKDM010	2.05	3.00	OKDM010 2.05-3	2.43	2.00	1.92	1.39	33.12
OKDM010	3.00	3.80	OKDM010 3-3.8	2.02	8.78	7.50	7.39	41.60
OKDM010	3.80	5.00	OKDM010 3.8-5	2.50	18.03	12.72	8.01	32.10
OKDM010	5.00	6.03	OKDM010 5-6.03	3.06	17.79	10.71	8.91	35.81
OKDM010	6.03	7.00	OKDM010 6.03-7	1.44	11.29	12.95	9.71	43.26
OKDM010	7.00	8.00	OKDM010 7-8	1.26	12.84	11.62	10.48	41.99
OKDM010	8.00	9.00	OKDM010 8-9	1.74	13.27	7.70	11.19	46.75
OKDM010	9.00	10.00	OKDM010 9-10	1.82	9.90	8.14	12.02	49.61
OKDM010	10.00	11.00	OKDM010 10-11	1.36	9.97	8.48	11.74	49.56
OKDM010	11.00	12.00	OKDM010 11-12	1.50	18.77	10.22	8.71	35.62
OKDM010	12.00	12.90	OKDM010 12-12.9	1.62	10.26	10.01	9.76	40.81
OKDM010	12.90	14.00	OKDM010 12.9-14	2.18	5.89	5.89	10.58	43.43
OKDM010	14.00	14.95	OKDM010 14-14.95	1.94	9.35	7.31	10.14	43.08
OKDM010	14.95	16.00	OKDM010 14.95-16	1.84	10.98	8.99	9.12	36.72
OKDM010	16.00	17.25	OKDM010 16-17.25	3.48	8.81	9.31	8.50	36.39
OKDM010	17.25	18.00	OKDM010 17.25-18	0.96	7.57	12.00	11.55	47.68
OKDM010	18.00	19.00	OKDM010 18-19	2.38	20.98	9.05	8.49	33.39
OKDM010	19.00	20.00	OKDM010 19-20	1.74	19.08	11.57	7.94	34.45
OKDM010	20.00	21.00	OKDM010 20-21	3.36	9.43	8.66	11.94	49.06
OKDM010	21.00	22.00	OKDM010 21-22	2.74	15.61	11.83	8.54	37.91
OKDM010	22.00	23.00	OKDM010 22-23	1.88	3.31	10.45	11.25	56.70
OKDM010	23.00	23.65	OKDM010 23-23.65	2.24	21.71	8.38	6.10	36.64
OKDM010	23.65	25.00	OKDM010 23.65-25	4.36	4.63	8.85	13.46	55.96
OKDM010	25.00	26.00	OKDM010 25-26	1.34	9.61	9.89	8.82	52.62
OKDM010	26.00	27.00	OKDM010 26-27	2.96	10.65	15.89	8.09	42.55
OKDM010	27.00	28.00	OKDM010 27-28	1.88	3.39	4.69	15.22	57.92
OKDM010	28.00	28.80	OKDM010 28-28.8	1.00	8.85	8.88	10.89	47.28