Tombador Iron Limited

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ABN: 20 108 958 274

ASX: TI1

Tombador Iron Limited (ASX:TI1) is an Australian company established in October 2020.

The Company owns 100% of the world-class Tombador iron ore project in Bahia State, Brazil.

Tombador commenced, production of high-grade direct shipping ore from its open-cut mining operations in Q2CY 2021.

Non-Executive Directors

Anna Neuling – Chair David Chapman Keith Liddell

Executive Director

Stephen Quantrill

CEO

Gabriel Oliva

Company Secretary

Abby Macnish Niven

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2nd Batch of High-grade Infill Drilling Results

27 May 2021

HIGHLIGHTS

- First ore is trucked to the port in preparations for the first export shipment
- Drill core assay results from infill drilling continue to confirm high-grade iron ore deposit
- The infill drilling program is now completed with an updated Mineral Resource estimate expected in Q3 CY2021
- Production has commenced and mine planning for ramp up is underway

Tombador Iron Limited (**Tombador** or the **Company**) is pleased to announce it has commenced road hauling operations of iron ore lump to build a stockpile at the Port for its first export shipment.

CEO Gabriel Oliva said: "Tombador Iron is delighted to see the first of many trucks hauling our high-grade, high lump ratio hematite iron ore leaving for the Port as our fully permitted project ramps up to full production. Additionally, the company looks forward to the reported drill holes resulting in an updated Mineral Resource Estimate in the coming months."



Figure 1 Iron ore lump is loaded onto road trucks for haulage to Port

The Company has also recently received assay results of diamond drill core samples from the infill drilling program at its Tombador Hematite Project. A summary of the best intersections and an example photo of the core (Figure 2) show the high-grade nature of the Tombador hematite deposit. These high-grade intersections are as follows:

- 23.3m @ 67.0% Fe from 53.0m in TBRDH15A1
- 15.6m @ 69.4% Fe from 29.2m in TBR-DH0018
- 29.2m @ 67.4% Fe from 55.0m in TBR-DH0019
- 19.4m @ 68.8% Fe from 24.2m in TBR-DH0026
- 19.3m @ 67.6% Fe from 45.3m in TBR-DH0027²
- 11.3m @ 67.5% Fe from 45.0m in TBR-DH0029
- 13.3m @ 67.9% Fe from 80.0m in TBR-DH0030
- 11.3m @ 65.2% Fe from surface in TBR-DH0032

These results are the second assay batch released for this drill program and comprise a summary of samples collected from 17 drill holes. The diamond drill core is sampled in 1m intervals and grades reported are the weighted average across the reported interval



Figure 2 Example of Hematite core from drill hole TBR-DH0018

¹ TBR-DH0015A was a redrilled twinned hole 2m offset from TBR-DH0015 which stopped in ore due to a stuck drill rod. The ore commenced at 39.4m in TBR-DH0015.

² There were some intervals of core loss excluded from the 19.3m. This intersection ended at 68.1m.

The Tombador hematite mineralisation is situated on the spine of the Tombador hill and is relatively flat lying, dipping on average 30 degrees to the east.

The infill drilling program which was focused on the initial mining area is now complete. The orebody remains open to both the North East and to the South East (Figure 4) which the company expects to explore in a subsequent drill program. The Company has commenced operations and the immediate focus is to prepare ramp up mine plans to increase the production rate.

A summary of the results for the 17 drill holes in this second assay batch are shown in Appendix 1. The drill hole collar locations are reported in Table 1, and Table 2 shows the weighted average Fe grade over a given mineralised interval.

The Company expects to be able to release an update to its Mineral Resource estimate in Q3 CY2021.

Authorised for release by the Board.

Contact:

COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Results is based on and fairly represents information and supporting documentation compiled by or compiled under the supervision of Mr E Prumm who is a Member of the Australian Institute of Mining and Metallurgy (AIMM 109689). Mr Prumm is a Technical Consultant for Tombador Iron and has sufficient experience which is relevant to the type of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Mr Prumm consents to the disclosure of information in this announcement in the form and context in which it appears.



Appendix 1 – Drilling and Assay Results

Table 1 - Drill hole collar coordinates

Hole Id	Easting (x)	Northing (y)	RL (z)	Dip / Az.	Max Depth (m)
TBR-DH0015A	823,464	8,908,833	535	-90	94.6
TBR-DH0018	823,443	8,908,707	585	-90	59.05
TBR-DH0019	823,502	8,908,813	563	-90	95.65
TBR-DH0020	823,360	8,908,754	557	-90	44.6
TBR-DH0021	823,359	8,908,813	527	-90	50.45
TBR-DH0022	823,368	8,908,835	516	-90	35.25
TBR-DH0023	823,375	8,908,860	504	-90	52.75
TBR-DH0024	823,431	8,908,646	603	-90	40.0
TBR-DH0025	823,427	8,908,689	597	-90	50.0
TBR-DH0026	823,466	8,908,728	572	-90	60.25
TBR-DH0027	823,513	8,908,748	572	-90	74.2
TBR-DH0028	823,553	8,908,813	593	-90	125.5
TBR-DH0029	823,521	8,908,728	575	-90	94.6
TBR-DH0030	823,550	8,908,750	590	-90	105.65
TBR-DH0031	823,577	8,908,750	603	-90	152.55
TBR-DH0032	823,373	8,908,725	570	-90	50.15
TBR-DH0033	823,346	8,908,752	555	-90	43.65

Table 2 - Table of significant mineralised drilling results

Hole	From	То	Length (m)	Fe %
TBR-DH0015A	53.00	76.30	23.30	67.01
TBR-DH0015A was a redrilled twinned hole 2m offset from TBR-DH0015 which stopped in ore				
due to a stuck drill rod. As TBR-DH0015A was a redrill, drill core was not collected from 0 to				
53 meters. The ore comm				
TBR-DH0018	16.50	20.20	3.70	65.60
TBR-DH0018	21.70	22.90	1.20	62.30
TBR-DH0018	29.20	44.80	15.60	69.38
TBR-DH0019	55.00	84.15	29.15	67.44
TBR-DH0020	0.00	2.20	2.20	67.53
TBR-DH0020	14.35	17.60	3.25	64.19
TBR-DH0020	18.20	20.90	2.70	56.28
TBR-DH0022	0.00	6.00	6.00	67.16
TBR-DH0022	6.00	8.00	2.00	55.14
TBR-DH0022	16.20	18.15	1.95	66.43
TBR-DH0023	0.00	4.05	4.05	67.30
TBR-DH0023	26.60	30.10	3.50	58.06
TBR-DH0023	30.10	31.85	1.75	66.09
TBR-DH0024	0.65	2.90	2.25	58.82
TBR-DH0024	2.90	4.75	1.85	63.29
TBR-DH0025	0.60	1.90	1.30	65.80
TBR-DH0025	2.70	4.90	2.20	59.95
TBR-DH0025	6.00	10.00	4.00	62.23
TBR-DH0025	13.00	20.05	7.05	66.44
TBR-DH0025	26.00	34.40	8.40	64.94
TBR-DH0026	24.15	43.55	19.40	68.80
TBR-DH0027	28.45	29.85	1.40	64.07
TBR-DH0027	31.05	31.75	0.70	62.30
TBR-DH0027	33.25	38.05	4.80	67.15
TBR-DH0027	38.05	43.25	5.20	55.74
TBR-DH0027	45.25	68.05	19.30	67.63
TBR-DH0029	42.70	43.65	0.95	64.40
TBR-DH0029	45.05	56.30	11.25	67.45
TBR-DH0029	57.30	58.5	1.20	57.70
TBR-DH0029	58.50	60.60	2.10	65.61
TBR-DH0030	80.00	93.30	13.30	67.92
TBR-DH0031	106.95	108.30	1.35	68.02
TBR-DH0032	0.00	11.30	11.30	65.18
TBR-DH0033	7.90	9.60	1.70	63.54



Appendix 2 – 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 (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. 	 Samples were collected by Tombador Iron and GE21 Mineral Consultants ("GE21") between January and March 2021 as part of an ongoing infill diamond drilling program. All drilled material was HQ cored with nothing being discarded. Diamond core sampling was completed at 1m intervals and to lithological contacts where available The diamond core was quartered and sent to SGS GEOSOL Laboratórios Ltda in Vespasiano, MG, Brazil for sample analysis using X-Ray Fluorescence (XRF) The competent person considers the diamond core sampling techniques acceptable for the purposes of reporting exploration results. 		
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). 	 The diamond drilling reported in this announcement comprised 17 holes totalling 1,229m. All holes were vertical. The drilling was completed by SERVDRIL Perfuração e Sondagem LTDA. The diamond holes were cored from surface at HQ (6.35cm) diameter using triple tube technique. The hole IDs from which the samples were collected are in "Table 2 - Table of significant mineralised drilling results" of this announcement. 		



Criteria	JORC Code explanation	Commentary
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. 	 Overall diamond drill recovery was sufficient for the program purpose (the total weighted average was >75% for the 17 drill holes reported in this announcement) Core recoveries within prevalent flat lying schists were low. The CP does recognize that a portion of the hematite, (friable hematite) does provide lower than average recoveries. Overall the CP does not consider the sample recovery a material risk to reporting of the Exploration Results however the CP recommends that care should be taken interpreting the results within the friable hematite lithologies.
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. 	 All drillholes were methodically logged in their entirety to an acceptable industry standard appropriate for the style of mineralisation in the project. Logging included geotechnical and lithological descriptions and classifications. The diamond core was photographed. The CP considers that the level of detail is sufficient for the reporting of Exploration Results and for future Mineral Resource Estimation.
Sub- sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	 As core boxes were filled the core was transported to the core shed in nearby Sento Se. At the shed the sampling was planned by the GE21 geologist who oriented and marked up the core for cutting and took density measurements. Samples were taken from mineralised intervals as well as bounding lithologies to the mineralization. The sample interval length was 1m obeying lithological boundaries. The core was halved and one half quartered for XRF analysis at the SGS GEOSOL laboratory in Vespasiano, MG. 17 duplicate quarter core samples were taken and inserted included in the core sent to SGS GEOSOL. At SGS GEOSOL the samples were dried, crushed to 3mm, homogenized, split then ground to 95% passing Mesh#150 ("pulp"), homogenized and split for digestion with Lithium



Criteria	JORC Code explanation	Commentary
		 Tetraborate in preparation for XRF analysis. 17 duplicates of 3mm crushed material and 17 duplicates of pulp were inserted for XRF analysis. The sample interval lengths are short (approximately 1m) to provide high grade definition within the bulk ore zone. The CP considers the sub sampling appropriate for the reporting of an Exploration Result
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	Standards, blanks and duplicates accounted for more than 16%
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 CP could not visit the site due to COVID 19 however the site was continually monitored by a senior company geologist and senior geologists from GE21 an independent resource services group in Brazil. As reported on the 19th of February 2021 there were a total of 3 twinned drill holes which provided results comparable to previous drilling assays and lithologies. There have been no further twinned holes since except for a case of a stuck drill rod. Twinned drilling analysis will be completed at the completion of the program when all of the results are available. Data entry was completed on excel spread sheet. Documentation and storage of data on local hard drive and the cloud. A portion of the data has been loaded onto Microsoft Access Database. This process is continuing as final assays are received.



Criteria	JORC Code explanation	Commentary
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. 	 All collar positions were located pre drilling and recorded post drilling using Total Station survey in the Sirgas 2000 grid system. Downhole surveys were not completed as all holes sampled were vertical.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 The drill spacing of 25m X 50m and 25m X 25m is considered appropriate by the CP for the style of iron mineralisation and for future resource evaluation. Sample compositing for the purpose of reporting exploration results is explained in Section 2 under "data aggregation methods"
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. 	 The vertical drill hole orientations are appropriate to intersect the flat lying tabular hematite. Structures are common (schist / faults) however the width of mineralisation intersected and the close spaced nature of the drilling will preclude bias.
Sample security	The measures taken to ensure sample security.	 Core trays were closed individually with wooded lids and nailed shut prior to transportation from the field to the lockable core shed.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	 Results are reviewed on a daily basis. Internal review of procedures has been and is completed on an as required basis when results are outside of expected parameters. A final review and audit of the data is planned before a mineral resource is estimated.



Section 2 Reporting of Exploration Results

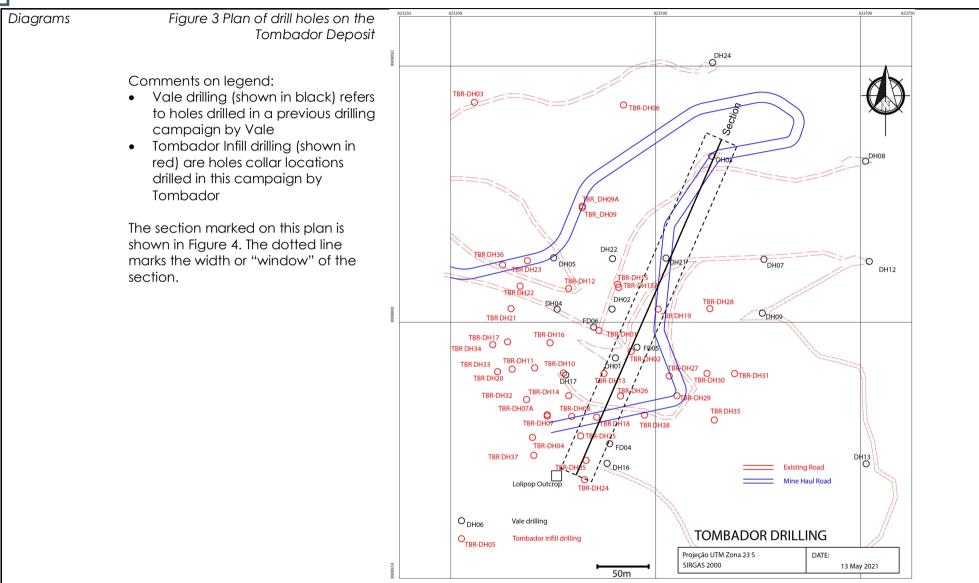
(Criteria listed in the preceding section also apply to this section.)

	a 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. 	 Mining Lease 872.433/2003 Bahia state Brazil Mineral Rights are 100% owned by Tombador Iron There is a Mineral Rights Agreement between Colomi Iron Mineracao ("CIM") and Tombador Iron Mineracao ("TIM"), In summary: TIM should pay a 1.75% gross revenue landowner royalty to CIM for access to surface rights, and After 15 years CIM can elect to mine but must pay compensation to TIM.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 The exploration by the previous party Vale, was of sufficient quality to complete JORC mineral resources as previously reported 2014, and 2020 Vale completed 17 diamond drillholes into the project area in 2010
Geology	Deposit type, geological setting and style of mineralisation.	 The Tombador hematite is both massive compact and layered massive hematite with centimetric and decimetric intercalations. Hematite is found within a small 1.5km up-thrust portion of a 14km long North American style itabirite sequence. The Tombador hematite body is located on the interface of an overlying siliceous Itabirite and an overlain dolomite. The Vale predicted genesis of the Tombador hematite is hydrothermal emplacement on a fold hinge.
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 	No drill hole information was excluded



Criteria	JORC Code explanation	Commentary
	 o dip and azimuth of the hole o down hole length and interception depth o 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. 	
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. 	• Reported grades are based on weighted average of raw grades from the assays. Within an aggregated intercept low grade sample intervals of less than 1.3m are included in the overall aggregated intercept. If the length of low grade is longer than 1.3m a nominal 54% Fe cut-off grade was used to determine if the interval should continue or be split. Some aggregations can include up to 2.15m of internal dilution. This is appropriate for reporting of Exploration results and provides a repeatable representation of the hematite grade,
Relationship between mineralisatio n 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'). 	 The hematite mineralisation is tabular, flat lying & dipping between 20 and 40 degrees to the east. Vertical drilling provides repeatable drilling intercepts. The true width is generally 80% of the down hole intersect length. The reported intercepts of hematite are fair and reasonable for the reporting of Exploration Results
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. 	 No new discoveries, drilling a known and published resource. Orebody remains open North East and to the South East as shown in Further work criteria section.







Criteria	JORC Code explanation	Commentary
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. 	• NA
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	A geological fact map was provided by GE21 and provides observations consistent with the drilling data.
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. 	The orebody remains open to both the North East and to the South East which the company expects to explore in a subsequent drill program.



