MRC ANNUAL RESOURCE UPDATE
TORMIN MINE MINERAL RESOURCE AUDIT

Mineral Commodities Ltd (ASX: MRC) ("the Company" or "MRC") is pleased to provide a summary of all material information in respect to its annual Tormin Mineral Sands Operation ("Tormin", Figure 1) resource audit.

The original Tormin resource was first released to the ASX on 31 October 2011. The Tormin beach deposit is an active placer beach sand deposit limited in extent on its eastern side by coastal cliffs and to depth by bedrock contact. The resource is open towards the ocean and surf zone on its western side, as well as along the coastline towards the north and south. Vertical composite channel sampling took place during December 2019 to January 2020 from 207 test pits dug by excavators. Sampling was subject to XRF, HLS and XRD analysis.

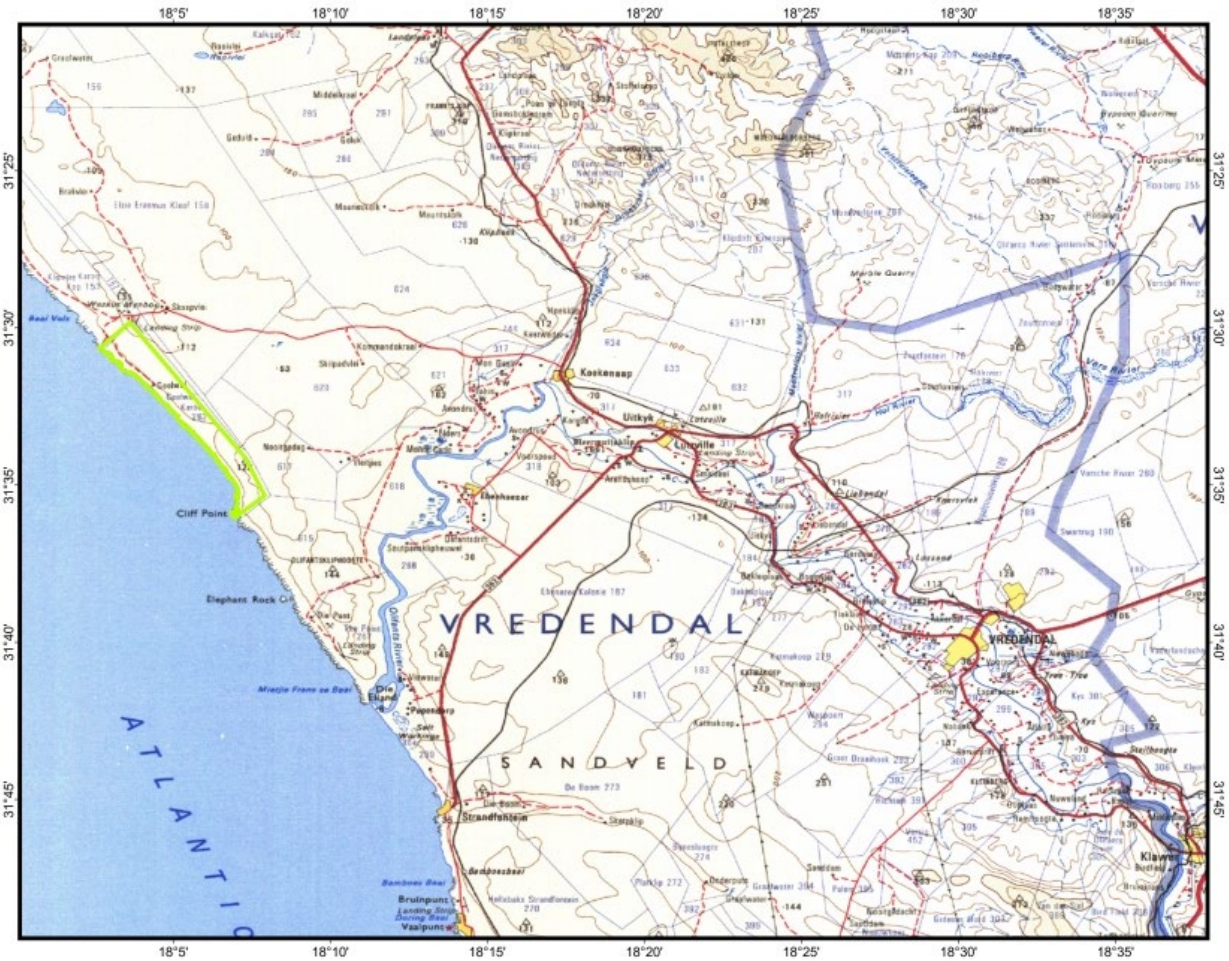

Figure 1 – Location of Tormin mine highlighted in green

The sample grid spacing was 100m x 15m from the surface to bedrock (Figure 2) and resource and block modelling was done in Leapfrog Geo-Ver 5.0 (Figure 3). The resource was constrained within a geological model that was defined by the current surface topography (surveyed January 2020), the current edge of the coastal cliffs (surveyed January 2020) and the bedrock contact from the resource audit results.

A Total Heavy Mineral ("THM") cut-off grade of 2% was used and no mineralisation outside this envelope was included in the resource assessment (Figure 4).

Due to the unstable nature of the resource, the deposit was again classified into the inferred resource category. The inferred mineral resource was estimated based on limited geological evidence and sampling as well as the six years of experience in mining the deposit. The geological evidence from the updated sampling (207 pits and samples) is sufficient to imply but not verify the geological and grade continuity.

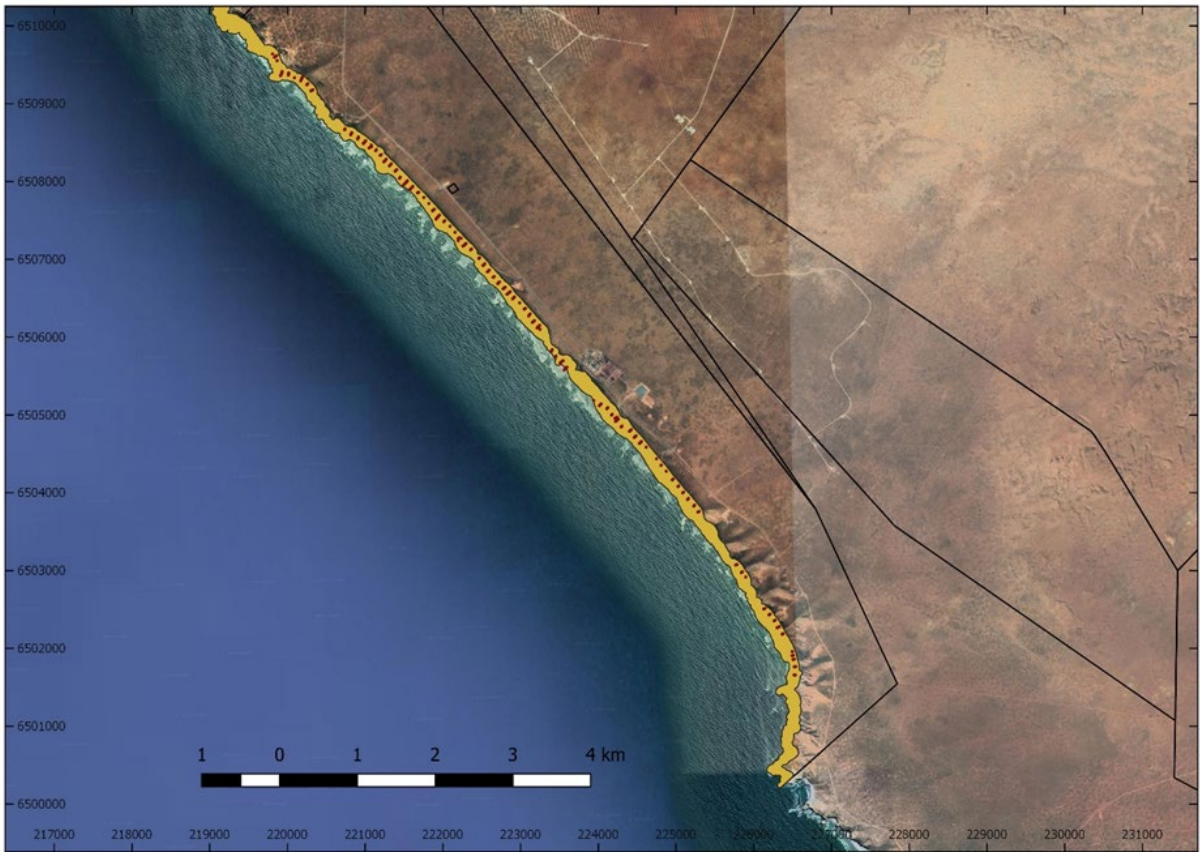

Figure 2 - Resource audit sample pit locations in red along the coastal strandline

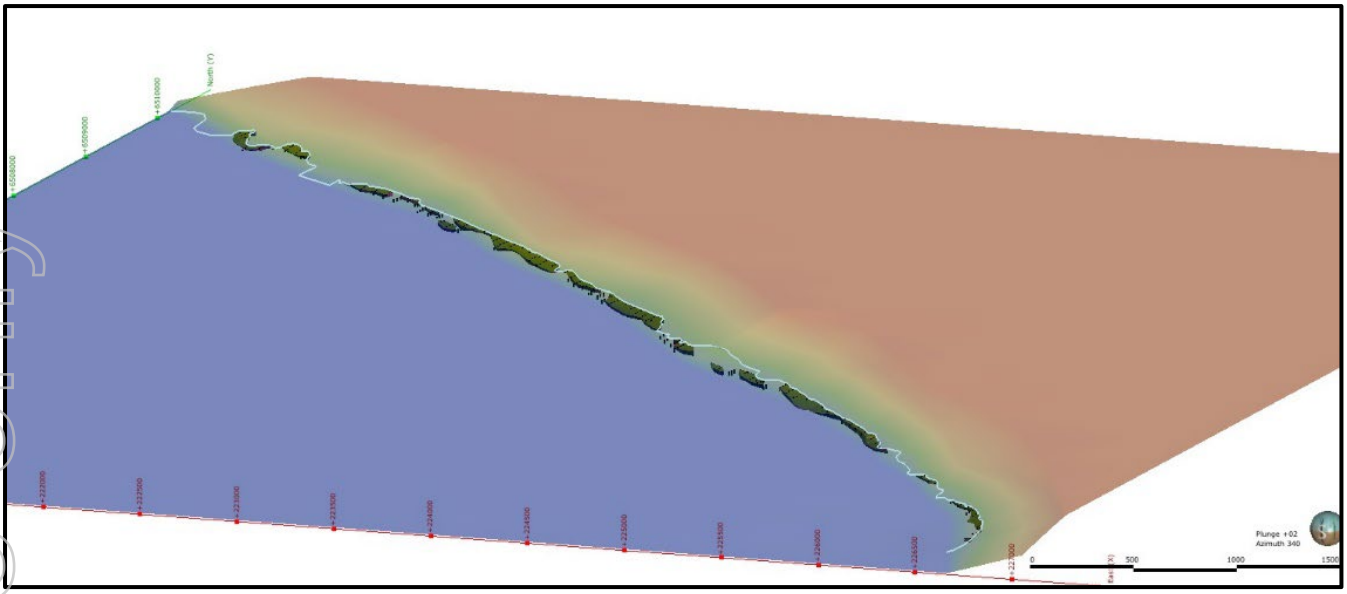

Figure 2 - Resource sampling locations along coastline – 3D model

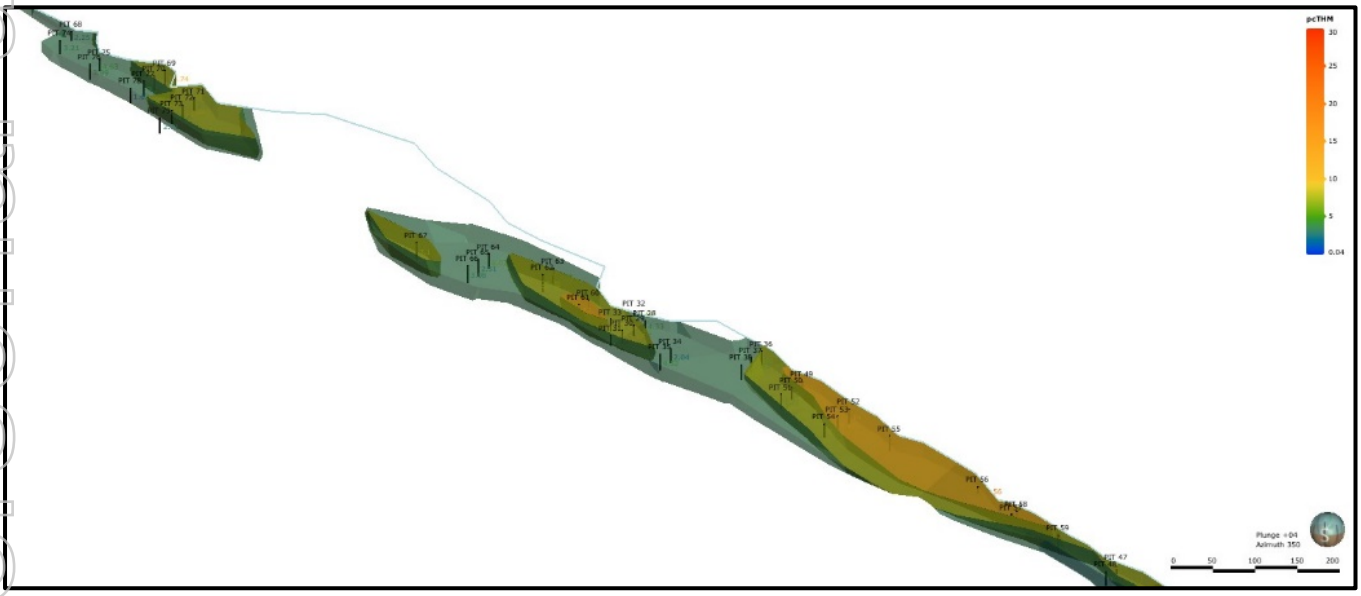

Figure 4 - Resource grade in THM along part of the coastline, overall views

The results from the modelling again indicate that most of the high grades are located along the high water mark boundary as can be expected from a strandline placer deposit (Figure 4). A 20m x 20m x 1m block model of the resource was created that will be used for mine and production planning (Figure 5 & 6).

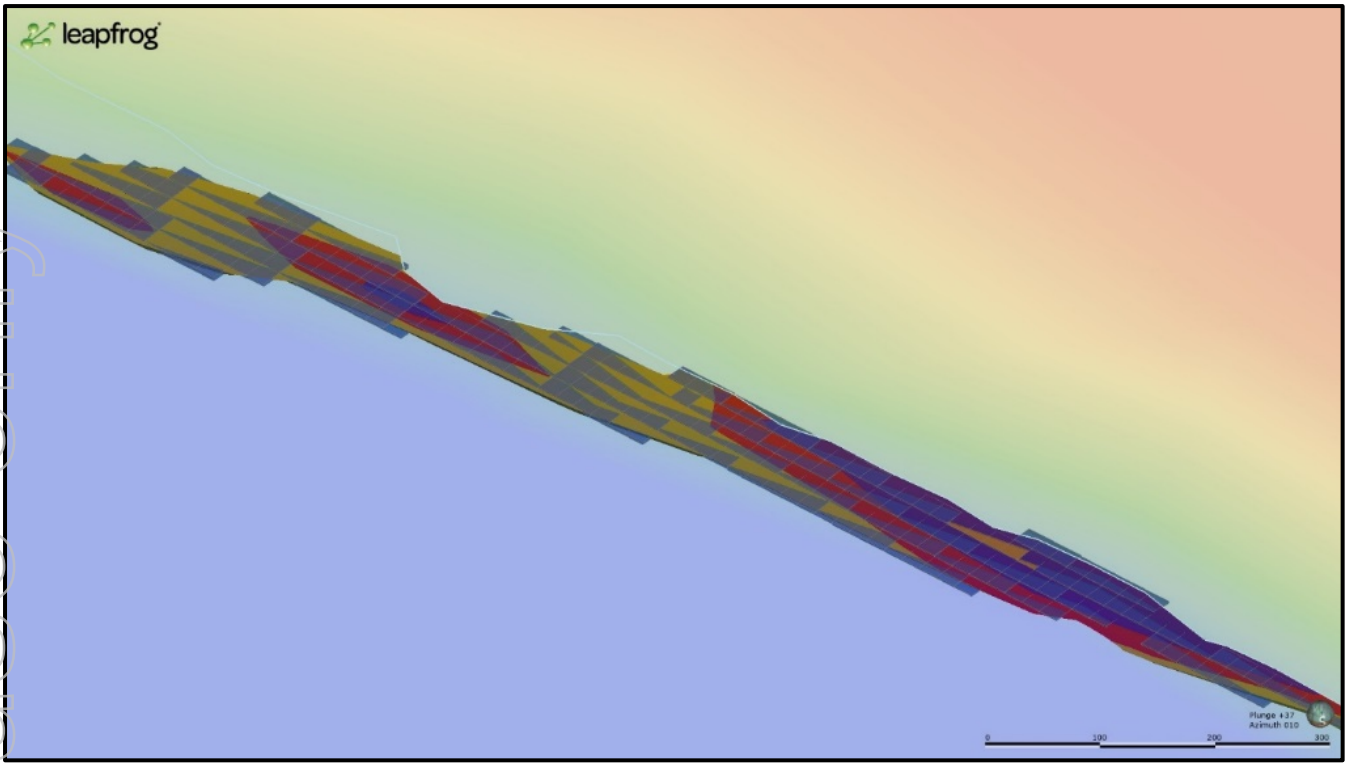

Figure 5 - THM block model in plan

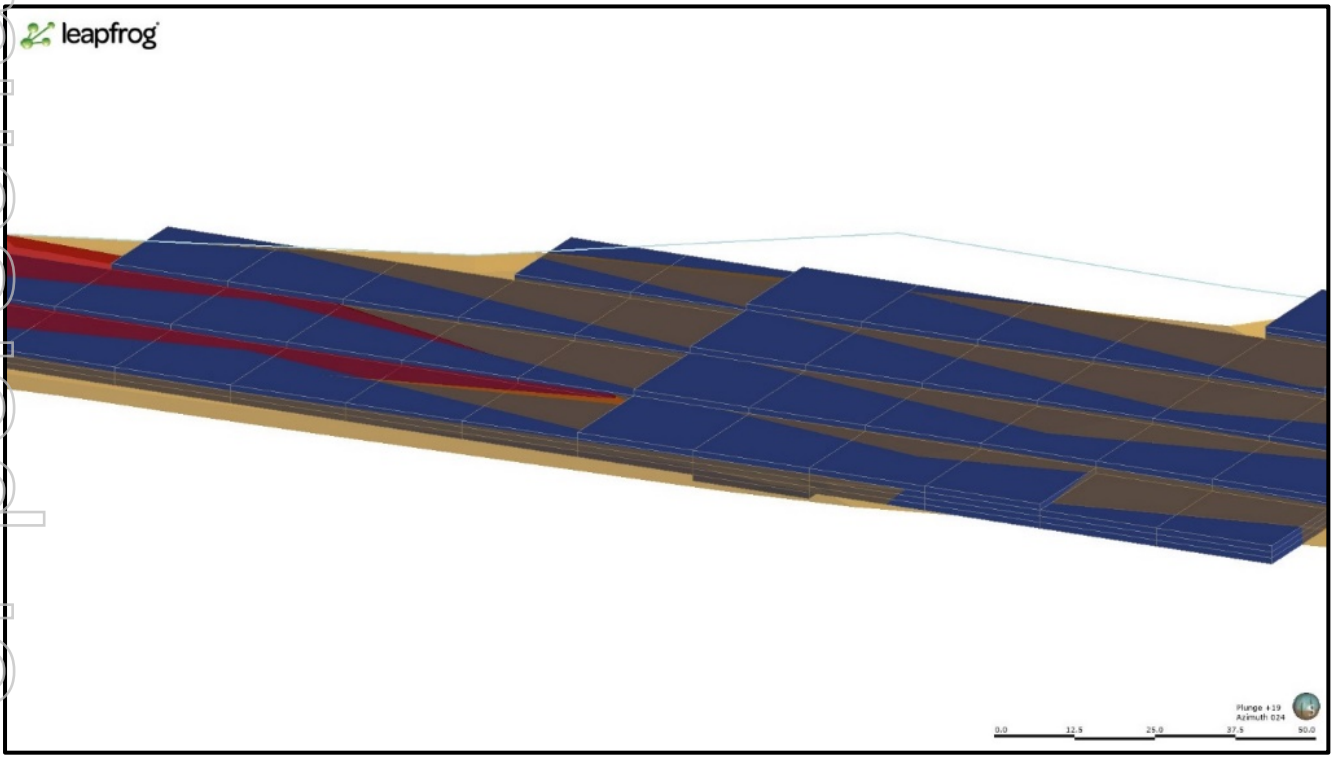

Figure 6 - THM block model in plan and 3d views

The historical mine production data has been used to confirm the replenishment nature of the resource. As the mining rate is faster than the replenishment rate, the resource grade has been steadily declining over the past six years (Figure 7).

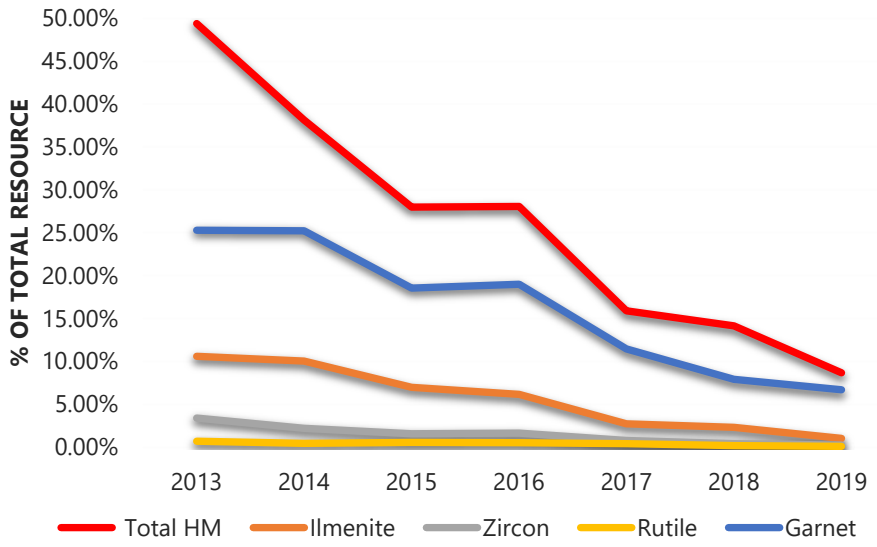

Figure 7 – Graph of resource grades over 6 years

Production has increased steadily since 2014 while the inferred resources have declined. Production in 2019 was more than the nominal resource (Table 1). This confirms that the replenishment of resources is ongoing and that production is being sustained even though grades are declining.

Individual resource blocks within the overall resource can, because of the unstable environment, change rapidly in thickness, grade, and composition throughout the year. Replenishment, though persistent, is irregular and aligned with high tides and storm surges. Increasing the complexity is that mining pits are not stable, are regularly swamped and that mining itself moves material around the beaches. Tailings are returned to the beach which, when moved around by wave action, can add to the likelihood of variability in grades.

Table 1 – Resource and Production Summary Data

Category	Resource (Mt)	Total Heavy Mineral	Ilmenite	Zircon	Rutile	Garnet
Indicated Resource Dec 2013	**2.7**	**49.40%**	**10.60%**	**3.40%**	**0.70%**	**25.30%**
Tonnes Mined FY2014	1.07	53.83%	17.26%	4.76%	0.65%	31.16%
Inferred Resource Dec 2014	**2.7**	**38.14%**	**10.05%**	**2.21%**	**0.46%**	**25.22%**
Tonnes Mined FY2015	1.62	49.57%	16.15%	3.88%	0.60%	28.94%
Inferred Resource Dec 2015	**2.7**	**28.01%**	**6.97%**	**1.56%**	**0.55%**	**18.54%**
Tonnes Mined FY2016	1.81	45.97%	12.97%	2.78%	0.61%	29.21%
Inferred Resource Dec 2016	**1.8**	**28.08%**	**6.15%**	**1.65%**	**0.53%**	**18.99%**
Tonnes Mined FY2017	2.05	27.57%	5.81%	1.10%	0.50%	19.40%
Inferred Resource Dec 2017	**1.80**	**15.92%**	**2.72%**	**0.79%**	**0.43%**	**11.45%**
Tonnes Mined Dec YTD 2018	2.65	17.35%	3.14%	0.55%	0.38%	12.55%
Inferred Resource Dec 2018	**2.27**	**14.16%**	**2.30%**	**0.43%**	**0.19%**	**7.9%**
Tonnes Mined FY2019	2.51	11.21%	1.81%	0.42%	0.21%	7.53%
Inferred Resource Dec 2019	**2.40**	**8.68%**	**1.03%**	**0.25%**	**0.10%**	**6.7%**

The current **2019 Inferred Resource of 2.40 Mt** (Table 1) is in line with the actual production figures for 2019 of 2.51 Mt. It should be noted that the overall grade of the resource continues to drop with THM falling from an estimated 14.16% in 2018 and an actual mined grade of 11.21% to an estimated 8.68% in December 2019.

The cut-off grade used was 2% Total Heavy Mineral content. Cut-off grade is based on the economic criteria established by the ongoing mining operations. No modifying factors outside the cut-off grade were applied as the whole resource is actively being mined and the inferred resource cannot be converted to a mineral reserve.

Executive Chairman Mark Caruso said, *"The 2019 Mined Resource audit validates the replenishment cycle of the Tormin resource. Notwithstanding the lower THM grades, with our processing optimisations initiatives, in conjunction with the recently granted Prospecting Rights and the pending Mine Extension Applications, we are confident the resource will underpin MRC's longterm operations into the future."*

Table 2 – Updated Inferred Resource Table

Category	Resource Million Tonnes	Total* HM%	Ilmenite (%HM)	Zircon (%HM)	Rutile (%HM)	Garnet (%HM)
Indicated Resource – Dec 2013	2.70	49.4%	10.6%	3.4%	0.7%	25.3%
Inferred Resource – Dec 2014	2.70	38.14%	10.05%	2.21%	0.46%	25.22%
Inferred Resource – Dec 2015	2.70	28.01%	6.97%	1.56%	0.55%	18.54%
Inferred Resource – Dec 2016	1.80	28.08%	6.15%	1.65%	0.53%	18.99%
Inferred Resource – Dec 2017	1.8	15.92%	2.72%	0.79%	0.43%	11.45%
Inferred Resource – Dec 2018	2.26	14.1%	2.3%	0.43%	0.19%	7.9%
Inferred Resource Dec 2019 2% THM cut-off	**2.40**	**8.68%**	**1.03%**	**0.25%**	**0.10%**	**6.7%**

** Includes other valuable heavy minerals e.g. Leucoxene and Magnetite*

Table 3 – Typical Resource Audit Samples
(Full table of results included at the end of release)

Sample ID	Easting	Z_from	Z_to	End of Pit Depth (m)	Basal Lithology	HLS Mass	%THM	%Zircon	%Rutile	%Quartz	%Anatase	%Xenotime	%Diopside	%Ilmenite	%Hematite	%Garnet	% Wt Magnetite
Pit 1	225898.10	0.81	0.00	0.81	white clay	23.35	6.96	0.19	0.07	93.50	0.01	0.00	1.34	0.79	0.17	3.43	0.08
Pit 2	225853.10	1.57	0.61	0.96	white clay	57.60	16.90	0.30	0.13	84.26	0.01	0.00	3.76	1.36	0.23	8.96	0.09
Pit 3	225840.98	0.71	-1.49	2.20	white clay	15.18	4.49	0.08	0.03	95.66	0.00	0.00	1.47	0.29	0.07	2.07	0.06
Pit 4	225784.36	1.68	0.23	1.45	clay	80.86	25.19	0.76	0.28	75.66	0.03	0.00	5.36	3.06	0.50	12.52	0.14
Pit 5	225768.53	0.43	-1.87	2.30	pebbles, clay	12.24	4.69	0.13	0.03	95.49	0.00	0.00	1.38	0.42	0.11	2.24	0.09
Pit 6	226143.39	1.10	-1.08	2.18	pebbles, clay	30.03	7.48	0.20	0.05	92.67	0.00	0.00	2.42	0.75	0.22	3.30	0.09
Pit 7	226130.16	-0.04	-1.11	1.06	pebbles, clay	5.50	1.46	0.06	0.01	98.60	0.00	0.00	0.60	0.13	0.05	0.47	0.04
Pit 8	226210.83	1.62	-1.06	2.68	pebbles, clay	46.25	12.85	0.36	0.13	88.50	0.02	0.01	2.97	1.50	0.20	5.06	0.29
Pit 9	226197.75	0.49	-1.32	1.80	pebbles, clay	11.77	3.06	0.11	0.03	97.07	0.00	0.00	0.97	0.35	0.08	1.18	0.07
Pit 10	226275.17	1.61	-0.62	2.23	pebbles, clay	40.84	11.53	0.21	0.09	90.07	0.01	0.00	2.84	1.03	0.14	4.82	0.30
Pit 11	226262.91	0.25	-1.55	1.80	pebbles, clay	4.32	2.08	0.03	0.01	97.96	0.00	0.00	0.35	0.52	0.11	0.96	0.04
Pit 12	226328.92	1.54	-1.21	2.75	pebbles, clay	5.36	5.23	0.13	0.06	95.06	0.01	0.00	1.37	0.58	0.11	2.29	0.06
Pit 13	226315.22	1.23	-1.57	2.80	pebbles, reddish clay	6.87	1.67	0.05	0.02	98.41	0.00	0.00	0.89	0.10	0.03	0.41	0.02
Pit 14	226301.14	0.62	-1.98	2.60	pebbles, white clay	3.70	1.18	0.03	0.01	99.00	0.00	0.00	0.42	0.09	0.02	0.35	0.03
Pit 15	226379.53	1.83	-0.28	2.12	pebbles, reddish clay	24.83	11.75	0.78	0.21	88.70	0.02	0.00	4.20	0.74	0.15	4.40	0.05
Pit 16	226365.50	1.68	-1.28	2.97	pebbles, white clay	12.44	5.90	0.14	0.05	94.19	0.01	0.00	1.27	1.16	0.19	2.73	0.02
PIT 17	226496.54	1.17	-0.02	1.19	gravel, yellowish clay	61.25	15.17	0.35	0.15	86.51	0.02	0.00	3.29	1.46	0.25	7.01	0.02
PIT 18	226521.03	1.53	0.06	1.47	pebbles, yellowish clay	22.03	9.67	0.41	0.12	90.56	0.01	0.00	2.80	1.37	0.25	3.86	0.05
PIT 19	226508.01	1.18	-0.40	1.58	reddish clay	30.25	13.14	0.50	0.15	88.10	0.02	0.00	2.69	2.20	0.32	5.19	0.03
PIT 20	226495.51	-0.31	-1.08	0.76	pebbles, reddish clay	19.73	4.87	0.23	0.05	95.53	0.00	0.00	0.97	0.60	0.17	2.14	0.01
PIT 21	226507.03	-0.10	-1.27	1.17	pebbles, clay	7.87	4.10	0.15	0.04	96.10	0.00	0.00	1.16	0.41	0.08	1.80	0.02
PIT 22	226541.01	1.80	-0.60	2.40	pebbles, clay	32.96	4.83	0.18	0.04	95.67	0.01	0.00	1.16	0.72	0.11	1.77	0.06

The December 2019 inferred resource (Table 2) is based on the reasonable prospect for the economic extraction of the material, as has occurred over the past 6 years. Note that individual minerals are reported as a percentage of the total resource.

Mining has now been ongoing for six years and a total of 11.71 million tonnes of material has been processed. The tonnage processed is substantially more (over four times) than the originally declared resource tonnage (2.7 Mt) which is indicative of the replenishing nature of the resource where resource blocks are mined more than once per year.

The current inferred resources tonnage is 2.4 million tonnes. Resource replenishment is occurring, but at a rate that is slower than the mining rate. The Company is unable to report a replenishment grade or quantity under the 2012 JORC code. The Company continues to conduct grade reconciliation and sample grading on a daily basis as part of the mining operation to correlate between stated resource and actual resource in terms of quantity, grade and replenishment.

The resource grade has lowered and total heavy mineral content is now 8.68% at a cut-off grade of 2% Heavy Mineral.

The nature of the resource replenishment is typical of modern day beach placer deposits found along the West Coast of South Africa and the Southeastern Tamil Nadu coast of India.

ENDS

Issued by Mineral Commodities Ltd ACN 008 478 653 www.mineralcommodities.com
Authorised by the Board, Mineral Commodities Ltd

For further information, please contact:

INVESTORS & MEDIA
Peter Fox
Investor Relations and Corporate Development
T: +61 8 6253 1100
investor@mncom.com.au

CORPORATE
Peter Torre
Company Secretary

T: +61 8 6253 1100
peter@torrecorporate.com.au

About Mineral Commodities Ltd:

Mineral Commodities Ltd (ASX: MRC) is a global mining and development company with a primary focus on the development of high-grade mineral deposits within the industrial and battery minerals sectors.

The Company is a leading producer of zircon, rutile, garnet and ilmenite concentrates through its Tormin Mineral Sands Operation, located on the Western Cape of South Africa. In October 2019, the Company completed the acquisition of Skaland Graphite AS, the owner of the world's highest-grade operating flake graphite mine and one of the only producers in Europe. The planned development of the Munglinup Graphite Project, located in Western Australia, builds on the Skaland acquisition and is a further step toward an integrated, downstream value-adding strategy which aims to capitalise on the fast-growing demand for sustainably manufactured Lithium-Ion Batteries.

Cautionary Statement

This report may contain forward-looking statements. Any forward-looking statements reflect management's current beliefs based on information currently available to management and are based on what management believes to be reasonable assumptions. It should be noted that several factors could cause actual results or expectations to differ materially from the results expressed or implied in the forward-looking statements.

Competent Persons Statement

The information in this Announcement is based on information compiled and has been approved for release by Mr Bahman Rashidi, who is a member of the Australian Institute of Mining and Metallurgy (AusIMM) and the Australian Institute of Geoscientists (AIG). Mr Rashidi is Exploration Manager and a full-time employee of the Company and has over 22 years' of exploration and mining experience in a variety of mineral deposits and styles. Mr Rashidi has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person in accordance with the JORC Code 2012.

The information from Mr Bahman Rashidi was prepared under the JORC Code (2012). Mr Rashidi consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

The following table provides a summary of important assessment and reporting criteria used for the Tormin Operation in accordance with the Table 1 checklist in The Australian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code, 2012 Edition). Criteria in each section apply to all preceding and succeeding sections.

JORC 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.*	• Vertical channel composite sampling within exploration pits. • Sample taken from surface to bedrock. • Mineralisation and grade testwork done according to mine control standards within mine site laboratory. XRF, heavy liquid separation and XRD.
• ***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).*	• Test pits by excavator.
• ***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.*	• Large composite channel samples were taken and riffled down to a representative samples for XRF, heavy liquid separation and XRD.
• ***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.*	• No logging done as mineral identification is by XRD.
• ***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.*	• Samples were riffled. • Samples were mostly wet from sea ingress/seepage. • Channel sampling method is only practical method as beach access time is limited due to sea tide activity. • Duplicate samples are taken at random for grade control and also compare with run of mine samples from same location. • Sampled material is run of mine material and therefore representative.
• ***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.*	• Industrial laboratory XRF (Panalytical Epsilon 3 ED) machines are used by Tormin mine. • The mine now owns and operates a state of the art heavy liquid separation lab with Panalytical Aeris XRD machines. • No additional duplicates or blanks were used.
• ***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.*	• All sampling was done by mine site personnel overseen by a qualified and experienced mine geologist. • No twinned pits were excavated but numerous sites sampled are actively being mined with mine grade control samples taken.

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986
Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

Criteria	JORC Code Explanation	Commentary
	• *Discuss any adjustment to assay data.*	• Resource audit grade samples are subject to the standard mine grade control quality procedures. • No adjustment to assay data results were done outside the standard XRD calibration software being used.
• ***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.*	• Pit sample locations were determine with DGPS accurate to within centimetres. • UTM coordinate system is used. • Topographical control is highly problematic due to constant changes in surface levels after daily high tides and monthly storm events which average 10 events per month.
• ***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.*	• Target sampling points is on a 100m x 15m average spacing subject to beach access due to tides or active mining activity. • Data spacing is sufficient for an inferred resource classification on a resource that has been mined over the past 6 years. • Samples have been composite over the depth of the pit.
• ***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.*	• Geological structure not relevant or applicable to an active placer beach sand deposit.
• ***Sample security***	• *The measures taken to ensure sample security.*	• Samples are taken directly from the sampling site to the mine laboratory where quality control procedures apply.
• ***Audits or reviews***	• *The results of any audits or reviews of sampling techniques and data.*	• No external audits of sampling have been done.

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
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Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

Section 2 Reporting of Exploration Results

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

Criteria	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 resource is owned by Mineral Sand Resource (Pty) Ltd, a subsidiary of ASX listed Mineral Commodities Ltd (ASX: MRC). • The resource is being mined under two active mining rights 30/5/2/2/2/162 & 163. • The current mining rights were renewed in August 2019 for an additional 10 years up to 22/08/2029.
• ***Exploration done by other parties***	• *Acknowledgment and appraisal of exploration by other parties.*	• This is fully reported on under Section 3.
• ***Geology***	• *Deposit type, geological setting and style of mineralisation.*	• Deposit is a heavy mineral sand deposit located on an active place beach strandline undergoing continues erosion, deposition and replenishment from oceanic storm and wave activity.
• ***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.*	• A summary of the latest 207 pit samples is reflected under Appendix A.
• ***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.*	• The total percentage Valuable Heavy Mineral content was determined from the individual mineral components and modelled. A 2% cut-off grade was applied to the Inferred Resource volume. • Composite grade was determined.
• ***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').*	• Composite grade over total depth sample was determined as the resource is mined and processed from surface to bedrock contact. • Mineralisation is enriched sedimentary layers semi-parallel to the bedrock contact and beach slope angle. • Channel composite sample represent down hole length and true width is not known.
• ***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.*	• Plan view of area sampled along the coastal cliff line is provided in this report.
• ***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.*	• As the deposit have been mined numerous times, grade continuity and natural placer enrichment has been disturbed to such a degree that grade continuity cannot be assumed to a level higher than inferred.
• ***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.*	• Grade correlation indicates a resource progressively lowering in grade and volume as replenishment is slower than the current mining rate.
• ***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.*	• Offshore sampling to determine the source of grade replenishment is planned. • Additional prospecting rights over the Northern beaches and onshore Heavy Mineral Sands ("HMS") strandlines deposits have been granted.

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986
Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section)

Criteria	JORC Code explanation	Commentary
Database integrity	• *Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.* • *Data validation procedures used.*	• The data was received from MRC in xslx and dxf format. Mr Drake-Brockman Geoinfo Pty Ltd ("DBGEOINFO") has previously reported on the sound sampling practices at the mine site (2018 Resource Statement). • The data was plotted and plots where expected with no mis-plots or extraneous data found. Maximum and minimum values and average values were all within the norm. Duplicate values were confirmed as such. The co-ordinates were confirmed as being WGS84 UTM z34S.
Site visits	• *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* • *If no site visits have been undertaken indicate why this is the case.*	• No site visits were undertaken for this resource audit although the Competent Person did visit the mine on December 2019 and he is familiar with the site and resource conditions.
Geological interpretation	• *Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* • *Nature of the data used and of any assumptions made.* • *The effect, if any, of alternative interpretations on Mineral Resource estimation.* • *The use of geology in guiding and controlling Mineral Resource estimation.* • *The factors affecting continuity both of grade and geology.*	• The deposit is a classic active mineral sands deposit with no doubt as to its genesis. • Samples were collected for grade control and resource calculation purposes from an active mining area. Hence the actual mined product is directly sampled. • The variable and unstable nature of the resource makes it impossible to classify the resource in any category higher than inferred. • The geology/topography of the deposit has been used to constrain the resource envelope. The data was partitioned into areas (subsets) based on geology/topography. The base of the deposit is defined by the underlying bedrock, the landward side by a sea-facing cliff. To seaward the deposit is open. • Grade continuity is influenced by wave action and hence is best parallel to the beach front. Replenishment and re-working of resources limits continuity and reliability of localized mining blocks. • Targeting higher grade replenishment material throughout the year increases the overall mined grade. The average total HMS mined grade during 2019 was 11.15%.
Dimensions	• *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	• The deposit has a strike length along the coastline of approx. 9,000 m and an average width from the cliff to within the surf zone of 120 m. The mining width in 2019 varied from 30-120 m and averaged about 55 m. It is developed from surface to a maximum depth of 4.9 m (originally 6.25 m). The average resource thickness used to be 3.5 m but is only about 2.8 m currently, resulting in a narrower dry beach zone between low and high tide. The deposit occurs from the surface down.
Estimation and modelling techniques	• *The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.* • *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* • *The assumptions made regarding recovery of by-products.* • *Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).* • *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.* • *Any assumptions behind modelling of selective mining units.* • *Any assumptions about correlation between variables.* • *Description of how the geological interpretation was used to control the resource estimates.* • *Discussion of basis for using or not using grade cutting or capping.* • *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.*	• Leapfrogs implicit modelling techniques was used to interpolate mineralised domains for each of the valuable heavy minerals. Composite surface were snapped to the nearest true intersection from sampling. High values are included without being cut or modified. There is no nugget effect. Data is extrapolated between data points but not beyond. Data points are nominally 100 x 15 m but spaces between lines are up to 200 m on occasions. There are between 1-4 samples per line. Leapfrog block modelling volume estimation software was used. • Previous resource statements and production records are included in Table 1 in the text of the report. The current 2019 Inferred Resource grades have decreased by about 39% from the previous (2018) resource values while the bulk tonnage remains of the same order of magnitude. • All products mentioned in the text are being actively mined and separated in the plant. No deleterious minerals are known. • This is an inferred resource estimate and mining parameters are not used beyond normal global parameters of grades, dimensions and accessibility. • Geology/topography was used to constrain the model. On the landward side the toe-line of the bordering cliff was used to limit the model to the beach area. The model was truncated to the mining area defined by the 10 m buffer in front of the toe line and the seaward edge of dry beach between low and high tides. • Traditionally in mineral sands deposits grades do not have to be cut to achieve acceptable reconciliation between production and resource estimates. • The THM standard deviation in the block model is 6.9% and the coefficient of variation is only 0.8%. These values are acceptable as they indicate the modelling algorithm produces realistic values within the range of the dataset. In addition, colour-filled contour

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986
Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

Criteria	JORC Code explanation	Commentary
		maps of each subset of the data were produced to visually assess the robustness of the modelled data .
Moisture	• *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	• The resource tonnages are estimated on a dry basis. Mined material is wet and fully saturated when mined out, but it is free draining when stockpiled.
Cut-off parameters	• *The basis of the adopted cut-off grade(s) or quality parameters applied.*	• Current minimum mining parameters are 0.5 m thickness and 2% THM.
Mining factors or assumptions	• *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.*	• A definitive feasibility study on the deposit was done in 2006 by K'Enyuka and a BFS study review by HBH consultants. • The dynamic beach environment results in a cyclic process of deposition on and erosion of the beach surface. Historical studies by Trans Hex have found a weighted average change over 9 months of up to ~9% loss or up to ~7% increase. This variability is also evident in the replenishment rate and grade of material observed. • Opencast mining is using coffer type dams constructed with excavators. The pits generally only remain open during low tide, except where beach conditions allow larger more stable protection bunding to be constructed. Construction and mining methods are similar to that being used for beach diamond mining along the west coast of South Africa. • There is no stripping as mining starts at the surface. • Natural replenishment of the resource is taking place as the open pits are filled with HMS material from the surf zone during the next high tide. Data indicates no correlation (R2=0.04) between the original resource grade and the replenishment grade for the same mine block area. • In general, it appears that replenishment is erratic and unpredictable; e.g. zircon grade replenishment may only be 35%, while elsewhere a 34% increase in grade may occur. Replenishment appears to be mainly a function of time and the number of sea storm events. Given enough time between mining events the resource is currently still replenishing although the long-term trend is a significant lowering in grade. • The overall lowering of the beach surface (due to mining) has resulted in the faster movement of large volumes of material between the beach and the surf zone than before mining started. • Since commencement of the operation, 11.71 million tonnes has been mined. • Over the past 6 years some mining blocks have now been mined up to 30 times.

Metallurgical factors or assumptions	• *The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.*	• As the mine is an ongoing profitable concern there are no doubts about the metallurgical suitability of the mined material.
		• The two most recent studies are:
		  • 2015 Magnetic Mineral Separation plant study by MSP Engineering
		  • 2015 Integrated Mineral Separation Plant study by MSP Engineering

Environmental factors or assumptions	• *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfield project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	• There is a 10m stability buffer zone between the coastal cliffs and the beach where no mining is allowed. • All mining voids get naturally filled with beach sand material during high tide and there is therefore no rehabilitation liability in this regard. • Tailings get dumped onto the beach where it is distributed and settled along the coastline under natural wave and sea current action. There are no pollutants introduced with the tailings and the material is inert.
Bulk density	• *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* • *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.* • *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	• The bulk density is based on a calculation of the specific gravity of the silica and heavy mineral content fractions of each sample. It is therefore not fixed and fluctuates between 1.9 and 2.4 as per the formula: SG=1.5+(0.009 x HM). • A conservative SG of 1.9 was applied in the current resource modelling.
Classification	• *The basis for the classification of the Mineral Resources into varying confidence categories.* • *Whether appropriate account has been taken of all*	• The original resource classification was an indicated resource.

Criteria	JORC Code explanation	Commentary
	relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data). • *Whether the result appropriately reflects the Competent Person's view of the deposit.*	• A review of the resource during 2014 by Mr du Toit of AEMCO Pty Ltd resulted in the resource being downgraded into an inferred category due to the impact from mining and replenishment. • Tormin mineral resource audit 2018 by Mr Drake-Brockman Geoinfo Pty Ltd (DBGEOINFO) has classified in inferred category. • Due to the ongoing removal of heavy mineral material via mining, the release of depleted tailings to the beach front and the irregular and incomplete replacement of mined material during replenishment there is gradual decrease in the amount of the resource as well as in the grade of THM and each of the separate extracted heavy minerals. The author, due to these factors concurs with the views of Mr du Toit and Mr Brockman that only an inferred resource can be estimated. • The author is confident that all relevant factors have been considered and the results reflect his views.
Audits or reviews	• *The results of any audits or reviews of Mineral Resource estimates.*	• As per Table 1 in the text and as discussed in the text the successive annual resource reviews show an on-going decline in the grade of the deposit though the overall tonnage remains substantial. At some point the declining grade will make the mining operation marginal or even unprofitable. • To the end of 2019, 11.71 Mt of material has been mined. After three years of production (i.e. 4.5 Mt) the mined THM grade starts to decline significantly. This suggests that the presently mined material is largely replenishment material.
Discussion of relative accuracy / confidence	• *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.* • *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.* • *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	• The modelling method chosen does not produce statistical confidence levels. Given the dynamic nature of the deposit and the unpredictable replenishment regime it is unlikely they would have any ongoing validity. • The global resource is made of 5 local resources distributed along the beach front. Table 2 in the text provides a detailed summary. Each of the 5 local resources can be mined separately. • Details of methodology are described in the text. • As per Table 1 in the text, since 2017, tonnages mined have been greater than the inferred resource. The current 2019 inferred resource estimate would imply both tonnages and grade are likely to decline from those reached in the 2019 mining campaign.

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986

Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

APPENDIX A - RESOURCE TEST PIT SAMPLES

Sample ID	Easting	Z_from	Z_to	End of Pit Depth (m)	Basal Lithology	HLS Mass	%THM	%Zircon	%Rutile	%Quartz	%Anatase	%Xenotime	%Diopside	%Ilmenite	%Hematite	%Garnet	% Wt Magnetite
Pit 1	225898.10	0.81	0.00	0.81	white clay	23.35	6.96	0.19	0.07	93.50	0.01	0.00	1.34	0.79	0.17	3.43	0.08
Pit 2	225853.10	1.57	0.61	0.96	white clay	57.60	16.90	0.30	0.13	84.26	0.01	0.00	3.76	1.36	0.23	8.96	0.09
Pit 3	225840.98	0.71	-1.49	2.20	white clay	15.18	4.49	0.08	0.03	95.66	0.00	0.00	1.47	0.29	0.07	2.07	0.06
Pit 4	225784.36	1.68	0.23	1.45	clay	80.86	25.19	0.76	0.28	75.66	0.03	0.00	5.36	3.06	0.50	12.52	0.14
Pit 5	225768.53	0.43	-1.87	2.30	pebbles, clay	12.24	4.69	0.13	0.03	95.49	0.00	0.00	1.38	0.42	0.11	2.24	0.09
Pit 6	226143.39	1.10	-1.08	2.18	pebbles, clay	30.03	7.48	0.20	0.05	92.67	0.00	0.00	2.42	0.75	0.22	3.30	0.09
Pit 7	226130.16	-0.04	-1.11	1.06	pebbles, clay	5.50	1.46	0.06	0.01	98.60	0.00	0.00	0.60	0.13	0.05	0.47	0.04
Pit 8	226210.83	1.62	-1.06	2.68	pebbles, clay	46.25	12.85	0.36	0.13	88.50	0.02	0.01	2.97	1.50	0.20	5.06	0.29
Pit 9	226197.75	0.49	-1.32	1.80	pebbles, clay	11.77	3.06	0.11	0.03	97.07	0.00	0.00	0.97	0.35	0.08	1.18	0.07
Pit 10	226275.17	1.61	-0.62	2.23	pebbles, clay	40.84	11.53	0.21	0.09	90.07	0.01	0.00	2.84	1.03	0.14	4.82	0.30
Pit 11	226262.91	0.25	-1.55	1.80	pebbles, clay	4.32	2.08	0.03	0.01	97.96	0.00	0.00	0.35	0.52	0.11	0.96	0.04
Pit 12	226328.92	1.54	-1.21	2.75	pebbles, clay	5.36	5.23	0.13	0.06	95.06	0.01	0.00	1.37	0.58	0.11	2.29	0.06
Pit 13	226315.22	1.23	-1.57	2.80	pebbles, reddish clay	6.87	1.67	0.05	0.02	98.41	0.00	0.00	0.89	0.10	0.03	0.41	0.02
Pit 14	226301.14	0.62	-1.98	2.60	pebbles, white clay	3.70	1.18	0.03	0.01	99.00	0.00	0.00	0.42	0.09	0.02	0.35	0.03
Pit 15	226379.53	1.83	-0.28	2.12	pebbles, reddish clay	24.83	11.75	0.78	0.21	88.70	0.02	0.00	4.20	0.74	0.15	4.40	0.05
Pit 16	226365.50	1.68	-1.28	2.97	pebbles, white clay	12.44	5.90	0.14	0.05	94.19	0.01	0.00	1.27	1.16	0.19	2.73	0.02
PIT 17	226496.54	1.17	-0.02	1.19	gravel, yellowish clay	61.25	15.17	0.35	0.15	86.51	0.02	0.00	3.29	1.46	0.25	7.01	0.02
PIT 18	226521.03	1.53	0.06	1.47	pebbles, yellowish clay	22.03	9.67	0.41	0.12	90.56	0.01	0.00	2.80	1.37	0.25	3.86	0.05
PIT 19	226508.01	1.18	-0.40	1.58	reddish clay	30.25	13.14	0.50	0.15	88.10	0.02	0.00	2.69	2.20	0.32	5.19	0.03
PIT 20	226495.51	-0.31	-1.08	0.76	pebbles, reddish clay	19.73	4.87	0.23	0.05	95.53	0.00	0.00	0.97	0.60	0.17	2.14	0.01
PIT 21	226507.03	-0.10	-1.27	1.17	pebbles, clay	7.87	4.10	0.15	0.04	96.10	0.00	0.00	1.16	0.41	0.08	1.80	0.02
PIT 22	226541.01	1.80	-0.60	2.40	pebbles, clay	32.96	4.83	0.18	0.04	95.67	0.01	0.00	1.16	0.72	0.11	1.77	0.06
PIT 23	226522.75	-0.02	-1.59	1.57	pebbles, clay	10.27	1.81	0.06	0.02	98.36	0.00	0.00	0.62	0.20	0.05	0.55	0.01
PIT 24	226535.12	1.28	0.05	1.23	gravel	23.69	8.30	0.27	0.07	92.04	0.01	0.00	1.78	0.99	0.22	4.23	0.11
PIT 25	226520.70	0.08	-0.60	0.68	gravel, greyish clay	11.05	1.73	0.05	0.02	98.44	0.00	0.00	0.53	0.15	0.05	0.62	0.04
PIT 26	225298.03	1.71	-1.29	3.00	pebbles, white clay	10.47	1.90	0.03	0.01	98.31	0.00	0.00	0.75	0.10	0.02	0.63	0.04
PIT 27	225282.60	1.40	-1.60	3.00	pebbles, white clay	34.33	11.73	0.27	0.08	88.84	0.01	0.00	2.88	1.03	0.20	5.87	0.06
Pit 800	224258.22	2.91	0.50	2.41	greenschist	37.43	7.17	0.06	0.02	93.00	0.00	0.00	1.57	0.17	0.07	4.61	0.03
Pit 801	224246.20	2.89	0.11	2.78	greenschist	133.59	25.84	0.14	0.02	74.94	0.00	0.01	3.46	0.37	0.23	19.59	0.12
Pit 802	224234.21	2.50	-0.98	3.48	greenschist	161.05	36.71	0.30	0.06	64.39	0.01	0.03	4.39	0.70	0.41	28.15	0.13
Pit 803	224222.39	1.28	-1.50	2.78	greenschist	158.38	36.24	0.31	0.13	64.40	0.00	0.02	5.78	0.85	0.36	26.67	0.15
Pit 804	224241.03	1.81	0.27	1.54	greenschist	149.71	39.72	0.75	0.29	61.87	0.02	0.02	5.40	2.22	0.67	26.97	0.20
Pit 805	224215.08	2.48	-0.69	3.17	greenschist	3.59	0.30	0.00	0.00	99.76	0.00	0.00	0.05	0.01	0.00	0.16	0.01
Pit 806	224305.17	2.35	-1.55	3.90	greenschist	5.37	1.83	0.02	0.01	98.24	0.00	0.00	0.39	0.12	0.04	1.07	0.20
Pit 807	224294.65	1.52	-2.68	4.20	gravel	21.81	6.59	0.08	0.04	94.23	0.01	0.00	2.14	0.18	0.06	2.71	0.14
Pit 808	224423.54	2.96	-1.44	4.40	pebbles, coarse sand	2.61	0.39	0.00	0.00	99.66	0.00	0.00	0.08	0.02	0.01	0.20	0.03
Pit 809	224412.64	2.15	-1.65	3.80	NBR	15.29	4.55	0.04	0.02	95.70	0.00	0.00	1.38	0.10	0.03	2.35	0.21
Pit 810	224402.43	1.55	-2.55	4.10	pebbles	0.23	0.04	0.00	0.00	99.97	0.00	0.00	0.01	0.00	0.00	0.02	0.05

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Fax: +61 8 9258 3601
Email: info@mncom.com.au

Pit 811	225238.00	2.07	-0.89	2.95	pebbles, clay	51.43	13.09	0.08	0.06	87.10	0.02	0.01	2.40	0.38	0.12	8.61	0.15
Pit 812	225229.26	1.20	-1.90	3.10	reddish clay	19.05	4.70	0.03	0.02	95.37	0.01	0.00	0.94	0.12	0.03	3.07	0.10
Pit 813	225159.28	1.64	-1.06	3.30	NBR	6.01	1.49	0.01	0.01	98.57	0.00	0.00	0.61	0.04	0.02	0.60	0.13
Pit 814	225159.28	-1.66	-1.66	3.30	NBR	42.92	10.70	0.09	0.06	89.49	0.01	0.00	3.50	0.40	0.10	5.33	0.04
Pit 815	225148.85	1.08	-1.92	3.45	NBR	101.53	25.31	0.28	0.17	75.40	0.03	0.02	3.64	1.56	0.34	17.06	0.03
Pit 816	225148.85	-1.92	-2.37	3.45	gravel	58.88	14.18	0.15	0.09	86.20	0.01	0.01	2.74	0.57	0.14	9.22	0.02
Pit 817	225097.48	2.09	-0.62	2.71	gravel, reddish clay	25.58	8.27	0.08	0.04	91.96	0.00	0.00	1.93	0.24	0.07	5.03	0.06
Pit 818	225085.65	0.33	-3.57	3.90	NBR	46.93	7.09	0.07	0.03	93.05	0.01	0.00	1.95	0.32	0.06	3.83	0.03
Pit 819	225036.59	2.20	-0.62	2.82	yellowish clay	10.26	1.59	0.01	0.00	98.44	0.00	0.00	0.34	0.07	0.02	1.02	0.00
Pit 820	225024.31	0.94	-2.86	3.80	NBR	66.51	9.64	0.19	0.08	90.52	0.02	0.01	1.30	0.80	0.17	6.11	0.01
Pit 821	224963.91	1.79	-0.74	2.53	yellow sand	66.43	9.89	0.20	0.11	90.39	0.03	0.00	3.35	0.54	0.11	4.05	0.03
Pit 822	224952.70	0.23	-3.52	3.75	gravel	50.90	8.29	0.10	0.07	91.85	0.01	0.00	1.67	0.48	0.06	4.87	0.04
Pit 823	224485.54	1.81	-1.19	3.00	clayish	27.25	4.16	0.07	0.03	96.06	0.00	0.00	0.94	0.29	0.05	2.29	0.02
Pit 824	224474.57	1.89	-1.11	3.00	pebbles	120.38	18.32	0.30	0.13	82.32	0.01	0.01	3.05	1.85	0.38	10.95	0.12
Pit 825	224463.76	1.06	-2.74	3.80	NBR	108.96	15.76	0.37	0.14	84.80	0.01	0.00	3.18	0.92	0.21	9.37	0.10
Pit 826	224555.88	2.74	-1.26	4.00	pebbles	20.31	3.24	0.04	0.02	96.82	0.00	0.00	0.67	0.16	0.04	2.09	0.03
Pit 827	224543.40	2.07	-2.14	4.20	NBR	137.10	19.61	0.43	0.14	80.95	0.02	0.00	4.16	1.43	0.24	11.46	0.11
Pit 828	224530.48	1.52	-1.98	3.50	pebbles	10.14	1.80	0.03	0.01	98.27	0.00	0.00	0.36	0.08	0.02	1.13	0.00
Pit 829	224616.67	1.67	-0.33	2.00	NBR	28.90	4.90	0.07	0.04	95.20	0.01	0.00	1.49	0.37	0.06	2.40	0.02
Pit 831	224616.67	-0.33	-2.33	2.00	NBR	56.97	8.63	0.11	0.08	91.58	0.01	0.00	1.96	0.63	0.08	4.83	0.04
Pit 832	224750.12	1.32	-0.68	2.00	NBR	22.98	4.13	0.04	0.02	96.00	0.00	0.00	1.18	0.19	0.03	2.23	0.01
Pit 833	224806.25	1.92	-1.29	3.20	NBR	2.98	0.60	0.01	0.00	99.50	0.00	0.00	0.19	0.03	0.01	0.22	0.04
Pit 834	224811.64	2.28	-1.22	3.50	NBR	0.89	0.18	0.00	0.00	99.83	0.00	0.00	0.07	0.01	0.00	0.08	0.00
PIT 835	224875.12	1.96	-1.84	3.80	Bedrock	6.29	0.63	0.00	0.00	99.45	0.00	0.00	0.18	0.01	0.00	0.31	0.00
PIT 836	224179.84	2.83	-1.17	4.00	hard Brock	18.58	1.94	0.01	0.01	98.20	0.00	0.00	0.63	0.05	0.01	0.94	0.01
PIT 837	224170.01	0.89	-1.81	2.70	Bedrock	44.71	4.60	0.04	0.03	95.85	0.01	0.00	1.19	0.18	0.04	2.30	0.01
PIT 838	224111.19	1.93	-2.47	4.40	Bedrock	11.37	1.18	0.01	0.00	99.14	0.00	0.00	0.22	0.02	0.01	0.52	0.01
PIT 839	224122.37	1.76	-2.24	4.00	Bedrock	16.21	1.69	0.01	0.01	98.70	0.00	0.00	0.29	0.03	0.02	0.85	0.00
PIT 840	224035.15	1.69	-2.31	4.00	NBR	36.92	3.72	0.04	0.02	96.43	0.00	0.00	0.67	0.22	0.04	2.33	0.02
PIT 841	224024.73	1.47	-3.03	4.50	Bedrock	28.94	2.97	0.02	0.01	97.30	0.00	0.00	0.70	0.06	0.03	1.64	0.00
PIT 842	224014.61	1.70	-2.70	4.40	NBR	27.10	2.76	0.03	0.02	97.42	0.00	0.00	0.78	0.10	0.03	1.41	0.00
PIT 843	223940.97	1.23	-3.07	4.30	NBR	42.25	4.32	0.04	0.02	95.83	0.00	0.00	1.23	0.17	0.04	2.33	0.02
PIT 844	223408.17	2.25	-0.35	2.60	hard Brock	55.92	5.70	0.06	0.03	94.55	0.01	0.00	1.06	0.25	0.06	3.65	0.01
PIT 845	223547.05	1.51	-2.49	4.00	clay	37.95	3.91	0.04	0.02	96.40	0.01	0.00	0.87	0.16	0.03	2.14	0.01
PIT 846	223535.15	1.32	-2.68	4.00	NBR	111.63	11.20	0.19	0.14	89.25	0.02	0.01	1.12	0.97	0.20	7.35	0.09
PIT 847	223596.10	1.46	-1.84	3.30	Bedrock	29.09	2.69	0.02	0.01	97.44	0.00	0.00	0.69	0.11	0.02	1.52	0.00
PIT 848	223584.70	1.44	-2.36	3.80	Bedrock	46.33	4.54	0.08	0.03	95.61	0.01	0.00	1.01	0.32	0.07	2.53	0.02
PIT 849	223573.61	1.44	-2.07	3.50	NBR	53.95	5.14	0.05	0.03	95.02	0.01	0.00	1.23	0.22	0.06	2.91	0.01
PIT 850	223398.41	1.28	-2.32	3.60	Bedrock	52.52	5.36	0.10	0.04	94.78	0.01	0.00	1.33	0.40	0.06	2.76	0.03
PIT 851	223457.16	1.44	-1.56	3.00	hard Brock	11.20	1.13	0.01	0.00	98.93	0.00	0.00	0.30	0.02	0.01	0.65	0.00
PIT 852	223447.05	1.44	-2.56	4.00	NBR	62.14	6.27	0.18	0.07	93.92	0.01	0.00	0.45	0.83	0.14	4.15	0.01
PIT 853	223524.07	1.20	-2.80	4.00	NBR	14.38	1.83	0.02	0.01	98.26	0.00	0.00	0.63	0.05	0.02	0.87	0.00
PIT 854	223510.23	1.06	-2.94	4.00	NBR	8.36	1.21	0.01	0.00	98.85	0.00	0.00	0.35	0.03	0.01	0.67	0.00
PIT 855	223562.05	1.44	-2.57	4.00	NBR	30.73	3.23	0.02	0.01	96.88	0.00	0.00	0.61	0.07	0.02	2.20	0.00

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986

Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

PIT 856	219809.04	2.68	1.68	1.00	NBR	14.57	2.44	0.04	0.01	97.68	0.00	0.00	0.80	0.10	0.03	1.18	0.01
PIT 857	219834.53	2.18	-0.12	2.30	NBR	68.75	7.14	0.40	0.08	92.99	0.01	0.00	0.83	0.73	0.24	4.34	0.02
PIT 858	219867.17	2.56	0.56	2.00	pebbles	12.42	1.53	0.02	0.01	98.57	0.00	0.00	0.30	0.05	0.02	0.95	0.00
PIT 859	219847.17	2.87	0.87	2.00	hard Brock	9.94	1.28	0.01	0.01	98.77	0.00	0.00	0.35	0.04	0.01	0.72	0.00
PIT 860	219860.95	3.43	0.43	3.00	hard Brock	6.04	1.07	0.02	0.01	99.00	0.00	0.00	0.34	0.04	0.01	0.52	0.00
PIT 861	219910.14	0.58	0.08	0.50	hard Brock	81.16	47.49	2.33	0.69	54.81	0.10	0.04	3.29	7.69	2.24	25.11	0.64
PIT 862	219921.50	1.55	0.25	1.30	hard Brock	19.78	2.19	0.02	0.01	97.90	0.00	0.00	0.59	0.11	0.02	1.17	0.00
PIT 863	219926.03	1.71	1.21	0.50	hard Brock	15.59	2.04	0.02	0.01	98.06	0.00	0.00	0.70	0.06	0.02	0.91	0.01
PIT 864	220012.31	1.27	-0.74	2.00	hard Brock	20.75	2.48	0.01	0.01	97.67	0.00	0.00	0.83	0.05	0.02	1.16	0.00
PIT 865	220090.24	1.60	0.60	1.00	NBR	45.92	6.57	0.10	0.03	93.68	0.01	0.00	1.43	0.33	0.09	3.93	0.02
PIT 866	220171.01	1.46	-0.54	2.00	pebbles, clay	89.80	14.71	0.30	0.15	86.52	0.02	0.00	1.92	1.14	0.20	9.16	0.10
PIT 867	220249.69	1.77	0.47	1.30	schist	85.21	16.91	0.28	0.12	86.03	0.02	0.01	2.23	1.11	0.25	9.12	0.10
PIT 868	220301.98	2.23	-0.07	2.30	schist	14.62	2.39	0.02	0.01	97.97	0.00	0.00	0.39	0.06	0.03	1.40	0.00
PIT 869	220314.07	3.16	0.66	2.50	schist	103.87	17.90	0.30	0.10	82.66	0.01	0.00	2.37	0.78	0.36	12.72	0.07
PIT 870	220326.79	3.07	0.57	2.50	schist	17.89	2.93	0.03	0.01	97.44	0.00	0.00	0.76	0.08	0.02	1.46	0.00
PIT 871	220262.86	4.06	-0.44	4.50	hard Brock	31.86	5.27	0.04	0.02	95.36	0.00	0.00	1.34	0.12	0.04	2.68	0.00
PIT 872	220177.40	2.36	1.06	1.30	clay	14.17	2.29	0.01	0.01	98.01	0.00	0.00	0.44	0.02	0.01	1.39	0.00
PIT 873	220185.37	3.28	0.98	2.30	clay	68.94	10.57	0.01	0.02	94.29	0.00	0.00	1.29	0.00	0.03	4.01	0.01
PIT 28	220192.26	3.37	1.37	2.00	schist	25.53	4.33	0.05	0.02	95.97	0.00	0.00	1.24	0.12	0.04	2.25	0.00
PIT 29	220017.67	3.46	1.76	1.70	Bedrock	42.28	6.91	0.07	0.03	94.40	0.01	0.00	1.49	0.26	0.07	3.11	0.00
PIT 30	220014.23	2.50	-1.50	4.00	NBR	75.18	13.69	0.19	0.07	87.34	0.02	0.00	3.40	0.71	0.16	7.06	0.01
PIT 31	219932.12	2.34	1.54	0.80	schist	15.72	2.82	0.03	0.01	97.78	0.00	0.00	0.61	0.04	0.02	1.35	0.00
PIT 32	220743.09	2.98	1.48	1.50	schist	38.71	6.44	0.03	0.02	95.42	0.00	0.00	1.55	0.17	0.05	2.37	0.01
PIT 33	220735.45	2.43	1.43	1.00	schist	59.56	9.39	0.10	0.03	91.06	0.01	0.00	1.94	0.31	0.12	5.90	0.01
PIT 34	220828.16	2.64	0.64	2.00	weathered schist	12.81	2.04	0.02	0.01	98.25	0.00	0.00	0.66	0.04	0.02	0.86	0.00
PIT 35	220821.28	2.00	0.30	1.70	weathered schist	26.66	4.52	0.05	0.02	95.89	0.00	0.00	1.28	0.13	0.05	2.30	0.01
PIT 36	220814.60	1.64	-0.66	2.30	schist	28.19	4.38	0.04	0.02	96.55	0.00	0.00	1.12	0.16	0.04	1.80	0.01
PIT 37	220913.44	2.68	0.18	2.50	clay	12.36	2.22	0.03	0.01	98.02	0.00	0.00	0.50	0.09	0.04	1.17	0.01
PIT 38	220908.59	2.91	0.41	2.50	NBR	43.17	6.77	0.06	0.03	93.47	0.01	0.00	2.32	0.22	0.06	3.12	0.00
PIT 874	221006.66	3.18	0.68	2.50	weathered schist	42.96	8.58	0.08	0.05	91.66	0.01	0.00	2.23	0.33	0.07	4.75	0.02
PIT 875	220996.97	2.75	-0.45	3.20	schist	35.91	7.03	0.05	0.03	93.23	0.01	0.00	2.00	0.18	0.05	3.86	0.03
PIT 877	220987.49	2.82	0.12	2.70	NBR	32.22	6.32	0.08	0.05	93.91	0.01	0.00	1.66	0.34	0.08	3.34	0.04
PIT 878	220977.20	2.13	-1.07	3.20	pebbles, boulders	108.66	20.67	0.35	0.11	80.39	0.00	0.00	4.02	0.97	0.31	12.86	0.02
PIT 879	220903.92	1.39	-1.61	3.00	Bedrock	68.03	13.53	0.31	0.12	87.06	0.01	0.00	2.72	1.17	0.22	7.35	0.09
PIT 880	221051.58	2.27	-1.23	3.50	NBR	126.41	25.27	0.47	0.21	76.76	0.04	0.00	3.58	2.34	0.43	13.91	0.09
PIT 881	221067.49	2.82	-0.88	3.70	Bedrock	31.17	6.17	0.06	0.02	94.00	0.00	0.00	1.71	0.20	0.07	3.53	0.22
Pit 882	221081.99	2.68	-0.32	3.00	clay	44.39	8.87	0.11	0.06	91.49	0.01	0.01	1.87	0.44	0.10	5.28	0.04
Pit 883	221241.02	1.03	-0.97	2.00	gravel	45.34	9.39	0.18	0.09	91.33	0.01	0.00	1.62	0.89	0.16	5.10	0.07
Pit 884	221313.16	1.28	-1.73	3.00	NBR	159.59	30.56	0.64	0.27	71.16	0.05	0.01	5.34	2.76	0.54	16.90	0.13
Pit 885	221386.17	2.77	0.57	2.20	NBR	47.97	9.40	0.19	0.07	90.83	0.01	0.00	1.80	0.61	0.16	5.63	0.09
Pit 886	221397.06	3.28	0.28	3.00	NBR	90.97	16.53	0.21	0.10	84.50	0.02	0.01	2.38	0.77	0.16	10.86	0.07
Pit 887	221407.69	3.73	0.23	3.50	clay	138.24	32.58	0.55	0.20	67.90	0.03	0.02	3.13	2.92	0.67	23.39	0.01
Pit 888	221323.21	3.22	-0.28	3.50	NBR	14.76	2.93	0.01	0.01	97.23	0.00	0.00	0.69	0.04	0.02	1.84	0.01
Pit 889	221251.98	2.27	-0.36	3.00	NBR	11.73	2.34	0.03	0.01	97.78	0.00	0.00	0.58	0.06	0.03	1.39	0.02

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986

Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

Pit 890	221194.63	1.79	0.53	2.70	pebbly layer	66.03	12.53	0.14	0.07	88.13	0.01	0.00	2.79	0.54	0.16	7.16	0.05
Pit 891	221335.23	3.70	0.77	2.50	clay	245.44	46.99	1.39	0.45	55.37	0.04	0.00	6.62	3.99	0.94	29.08	0.35
Pit 876	221262.06	3.31	0.20	3.30	pebbles	134.46	25.73	0.36	0.20	75.42	0.02	0.01	6.54	1.04	0.28	14.37	0.02
Pit 892	221271.34	3.57	0.53	3.00	clay	4.61	1.14	0.01	0.00	98.89	0.00	0.00	0.27	0.03	0.01	0.70	0.01
Pit 893	221205.65	3.65	0.86	3.00	thin pebbly layer	13.45	3.28	0.03	0.01	97.33	0.00	0.00	0.71	0.08	0.03	1.59	0.03
Pit 894	221144.79	3.00	0.38	2.50	Bedrock	6.10	1.51	0.01	0.00	98.58	0.00	0.00	0.51	0.04	0.02	0.74	0.01
Pit 895	221136.55	2.91	0.70	2.00	Bedrock	20.74	4.89	0.08	0.02	95.22	0.00	0.00	1.12	0.17	0.08	3.08	0.01
Pit 896	221077.97	3.05	0.84	2.00	clay	112.16	27.89	0.91	0.33	72.87	0.02	0.00	4.23	4.62	0.62	15.07	0.03
Pit 897	221442.04	3.12	0.38	3.00	NBR	17.73	3.50	0.03	0.01	96.60	0.00	0.00	0.97	0.10	0.02	2.04	0.01
Pit 898	221451.59	2.32	-0.09	2.40	NBR	17.05	4.08	0.07	0.02	96.89	0.00	0.00	0.54	0.18	0.07	2.02	0.01
Pit 899	221867.30	2.19	-0.11	1.30	hard Bedrock	3.27	0.79	0.02	0.01	99.23	0.00	0.00	0.26	0.03	0.01	0.39	0.03
Pit 900	221820.34	1.01	-0.43	2.30	NBR	7.57	1.52	0.01	0.00	98.73	0.00	0.00	0.47	0.02	0.01	0.66	0.01
Pit 901	221755.73	0.45	-0.58	1.30	white clay, pebbles	5.49	1.26	0.01	0.01	98.78	0.00	0.00	0.54	0.04	0.01	0.50	0.01
Pit 902	221674.47	1.44	-0.48	1.00	NBR	14.13	3.20	0.03	0.01	97.20	0.00	0.00	1.19	0.09	0.03	1.20	0.01
Pit 903	221569.51	1.25	-1.14	2.00	NBR	4.09	0.82	0.01	0.00	99.24	0.00	0.00	0.21	0.01	0.01	0.47	0.01
Pit 904	221489.34	1.28	-0.85	2.50	NBR	22.95	5.33	0.08	0.03	94.81	0.00	0.00	1.38	0.31	0.08	2.91	0.00
PIT 39	221501.50	2.62	-0.29	3.20	NBR	20.89	4.93	0.09	0.04	95.25	0.00	0.00	1.29	0.33	0.08	2.61	0.05
PIT 40	221512.15	2.76	0.01	3.50	NBR	11.21	2.05	0.04	0.01	98.09	0.00	0.00	0.53	0.11	0.04	1.02	0.02
PIT 41 TOP	221523.57	3.24	-0.19	3.70	NBR	86.90	12.90	0.39	0.11	87.95	0.01	0.00	2.48	1.51	0.27	6.63	0.07
PIT 41 BOTTOM	221534.31	2.85	-0.28	3.50	NBR	470.72	60.05	4.01	0.89	42.42	0.07	0.00	6.27	19.69	4.43	20.49	0.05
PIT 42 TOP	221544.42	2.50	-0.24	2.70	clay	3.90	0.62	0.01	0.00	99.42	0.00	0.00	0.14	0.03	0.01	0.31	0.01
PIT 42 BOTTOM	222357.28	1.69	-0.58	3.20	thin pebbly layer	142.76	27.58	1.21	0.34	73.35	0.03	0.00	4.10	5.05	0.94	13.50	0.17
PIT 43	222368.51	3.23	0.60	3.00	soft Bedrock	88.69	15.93	0.58	0.15	84.65	0.01	0.00	3.16	2.03	0.50	8.06	0.08
PIT 44	222260.63	1.04	-0.60	2.00	NBR	6.46	1.05	0.01	0.01	99.01	0.00	0.00	0.31	0.07	0.02	0.48	0.01
PIT 45	222156.28	1.77	-0.32	1.70	hard Bedrock	90.30	16.99	0.49	0.16	83.66	0.01	0.01	4.06	1.61	0.39	8.50	0.07
PIT 46	222093.29	1.63	-0.17	2.00	hard Bedrock	26.05	4.45	0.10	0.03	95.84	0.00	0.00	1.19	0.31	0.08	2.16	0.05
PIT 47	222012.31	1.70	-0.46	3.00	NBR	37.79	6.93	0.25	0.07	93.20	0.01	0.00	1.76	0.67	0.12	3.53	0.07
PIT 48	221911.80	1.18	-0.76	3.00	NBR	16.39	3.31	0.07	0.02	97.10	0.00	0.00	0.83	0.21	0.07	1.50	0.04
PIT 905	221923.55	2.64	-0.62	3.30	Bedrock	16.37	4.46	0.05	0.02	95.67	0.00	0.00	1.43	0.16	0.04	2.28	0.03
PIT 906	221934.18	2.27	-1.23	3.50	pebbly layer	66.21	16.19	0.29	0.12	85.34	0.02	0.01	2.94	1.01	0.29	8.79	0.08
PIT 907	221945.35	2.97	-1.79	4.81	pebbly layer	36.57	8.88	0.09	0.05	91.32	0.00	0.00	2.50	0.35	0.09	4.98	0.00
PIT 908	221688.58	2.53	-0.88	3.42	pebbly layer	82.49	20.34	0.24	0.11	81.17	0.03	0.00	5.22	1.23	0.19	9.67	0.11
PIT 909	221688.58	2.53	-0.88	3.42	pebbly layer	21.00	5.22	0.04	0.01	95.01	0.00	0.00	2.63	0.07	0.04	1.68	0.01
PIT 910	222286.28	3.01	-1.15	4.34	hard Bedrock	24.94	6.06	0.02	0.01	94.37	0.00	0.00	2.68	0.06	0.05	2.19	0.04
PIT 911	222274.23	2.61	-1.69	4.30	Bedrock	51.59	12.47	0.11	0.04	87.98	0.01	0.00	5.59	0.36	0.11	4.45	0.05
PIT 912	222297.52	3.23	-0.08	3.39	clay	62.36	15.16	0.13	0.10	85.79	0.01	0.00	4.91	1.01	0.29	6.35	0.04
PIT 913	222235.40	2.63	0.37	2.37	clay	12.74	3.10	0.01	0.01	97.62	0.00	0.00	1.28	0.02	0.02	0.74	0.02
PIT 915	222198.21	2.59	-1.84	4.08	pebbly layer	42.54	9.77	0.11	0.04	90.51	0.01	0.00	3.35	0.41	0.13	4.54	0.06
PIT 916	222209.67	2.32	-1.68	4.00	NBR	61.84	15.13	0.10	0.04	85.44	0.02	0.00	6.19	0.33	0.10	6.11	0.10
PIT 917	222023.53	3.35	0.35	3.00	NBR	32.83	8.21	0.04	0.02	91.98	0.00	0.00	3.89	0.15	0.06	2.98	0.03
PIT 918	221956.38	3.33	0.19	3.14	NBR	42.38	6.99	0.14	0.06	93.13	0.00	0.00	1.57	0.43	0.11	4.09	0.02

39 – 43 Murray Road North WELSHPOOL
Western Australia 6106
PO Box 235 WELSHPOOL DC WA 6986

Telephone: +61 8 6253 1100
Fax: +61 8 9258 3601
Email: info@mncom.com.au

PIT 919	221880.02	2.72	0.59	2.13	NBR	63.55	9.89	0.45	0.11	90.32	0.01	0.00	2.17	1.24	0.30	4.76	0.07
PIT 920	221890.93	3.02	0.28	2.74	clay	50.70	8.33	0.06	0.02	91.90	0.00	0.00	3.67	0.21	0.07	3.16	0.02
PIT 922	221581.55	2.45	-2.06	4.50	pebbly layer	48.44	8.07	0.23	0.06	92.09	0.01	0.00	1.78	0.58	0.18	4.50	0.04
PIT 923	221592.18	2.52	-1.18	3.70	pebbly layer	80.75	12.47	0.14	0.11	87.79	0.01	0.00	3.98	0.45	0.11	6.21	0.01
PIT 924	221603.82	2.57	-2.33	4.90	NBR, gravel	45.56	7.12	0.08	0.04	93.08	0.01	0.00	1.81	0.23	0.06	4.16	0.01
PIT 925	221615.25	3.33	0.23	3.10	clay	13.65	2.25	0.02	0.01	97.87	0.00	0.00	0.62	0.05	0.02	1.24	0.04
PIT 926	222463.53	1.01	0.41	0.60	soft Bedrock	46.29	7.07	0.16	0.04	93.06	0.00	0.00	2.07	0.36	0.13	3.60	0.04
PIT 927	222472.76	2.17	1.17	1.00	soft Bedrock	15.62	2.57	0.02	0.01	97.52	0.00	0.00	0.78	0.08	0.03	1.35	0.01
PIT 928	222515.82	0.70	-2.30	3.00	NBR	45.06	7.47	0.13	0.05	92.68	0.01	0.00	2.10	0.57	0.11	3.75	0.04
Pit 51	222527.54	1.75	-1.25	3.00	hard Bedrock	13.11	3.21	0.02	0.01	96.99	0.00	0.00	1.34	0.08	0.03	1.24	0.01
Pit 52	222539.77	2.66	0.66	2.00	hard Bedrock	44.68	14.02	0.17	0.07	86.97	0.01	0.01	2.60	0.91	0.27	8.06	0.02
Pit 53	222573.92	1.16	-2.54	3.70	Bedrock	50.91	9.41	0.04	0.09	91.55	0.02	0.01	2.55	0.38	0.12	4.20	0.03
Pit 54	222647.19	1.61	-1.09	2.70	Bedrock	29.74	8.30	0.12	0.05	92.10	0.01	0.00	2.51	0.48	0.12	3.87	0.03
Pit 55 TOP	222707.55	1.39	-1.61	3.00	NBR	177.13	48.83	1.82	0.50	52.72	0.05	0.04	4.05	5.17	1.90	31.01	0.01
Pit 55 BOTTOM	222776.63	1.85	-2.15	4.00	gravel, NBR	90.08	25.26	1.03	0.31	75.42	0.03	0.01	4.22	2.44	0.70	14.52	0.03
Pit 56	222789.35	2.43	-0.97	3.40	Bedrock	56.36	22.56	0.47	0.16	79.77	0.02	0.00	3.65	2.03	0.44	12.22	0.01
Pit 57	222800.95	2.25	-1.45	3.70	NBR	50.65	9.78	0.27	0.09	90.99	0.01	0.00	1.88	1.01	0.26	4.82	0.03
Pit 58	222716.14	2.86	-1.14	4.00	NBR	89.95	27.94	1.04	0.25	73.05	0.02	0.02	4.46	3.35	0.84	15.43	0.03
Pit 59	222728.22	2.08	-1.42	3.50	NBR	18.09	3.85	0.05	0.02	96.39	0.00	0.00	1.04	0.16	0.05	2.00	0.01
PIT60	222659.90	2.55	-0.95	3.50	Bedrock	52.12	10.18	0.56	0.22	4.94	0.01	0.00	45.25	2.15	0.89	35.55	0.04
PIT61	222597.78	2.49	-1.01	3.50	hard Bedrock	74.13	12.75	1.35	0.49	5.56	0.05	0.00	27.85	1.42	0.59	55.27	0.03
PIT62	222585.23	2.21	-0.79	3.00	gravel, NBR	35.41	6.30	0.97	0.32	5.35	0.00	0.00	29.14	3.39	1.23	53.25	0.01
PIT63	223249.27	1.29	-1.51	2.80	Bedrock	27.75	5.37	0.29	0.18	7.28	0.01	0.00	47.13	3.51	0.08	31.91	0.02
PIT64	223213.44	1.48	-1.12	2.60	gravel, NBR	36.54	6.02	0.27	0.27	5.98	0.04	0.00	54.04	2.22	1.26	25.40	0.01
PIT65	223224.78	1.51	-0.99	2.50	Bedrock	13.75	2.51	0.80	0.29	8.47	0.00	0.00	52.41	4.22	0.96	28.00	0.01
PIT66	223233.87	1.23	-1.47	2.70	Bedrock	17.56	3.08	1.33	0.46	5.92	0.01	0.00	39.16	4.18	1.12	40.12	0.01
PIT67	223244.08	1.38	-1.63	3.00	soft Bedrock	40.95	7.12	0.57	0.37	3.80	0.02	0.00	43.75	2.55	0.69	38.47	0.02
PIT68	223152.54	0.96	-1.74	2.70	Bedrock	11.69	2.25	0.73	0.35	5.30	0.00	0.00	46.57	1.50	0.84	35.04	0.00
PIT69	223164.53	1.30	-1.40	2.70	Bedrock	74.86	13.74	0.35	0.30	4.86	0.00	0.00	30.97	1.72	0.77	53.42	0.01
PIT70	223177.54	2.15	0.15	2.00	soft Bedrock	17.40	3.22	0.29	0.23	11.40	0.00	0.00	43..90	10.31	0.88	32.97	0.01
PIT71	223104.20	2.82	0.02	2.80	Bedrock	17.75	3.55	0.34	0.26	24.10	0.00	0.00	39.64	0.58	1.14	25.52	0.01
PIT72	223047.14	2.34	-1.16	3.50	NBR	72.19	13.68	0.46	0.05	5.66	0.00	0.00	47.89	3.80	1.14	31.20	0.02
PIT73	223122.73	2.69	-0.31	3.00	soft Bedrock	16.97	3.18	0.44	0.22	11.76	0.00	0.00	55.25	10.66	1.30	21.05	0.00
PIT74	223112.07	2.81	-1.00	3.80	clay	20.12	3.21	0.56	0.31	4.03	0.00	0.00	47.17	1.78	1.11	36.31	0.03
PIT75	223061.35	2.35	0.15	2.20	clay	24.13	4.63	0.82	0.30	3.85	0.03	0.00	44.77	2.51	1.16	37.60	0.01
PIT76	222989.03	2.45	-1.25	3.70	soft Bedrock	22.47	3.99	0.39	0.21	4.61	0.00	0.00	64.98	2.08	1.38	16.90	0.01
PIT77	222920.18	2.65	-1.35	4.00	Bedrock	17.70	3.53	0.31	0.24	7.63	0.00	0.00	52.29	1.60	0.87	29.58	0.02
PIT78	222909.68	2.32	-1.48	3.80	gravel, NBR	10.86	1.63	0.60	0.29	33.34	0.00	0.00	43.66	0.00	1.21	15.71	0.02
PIT79	222898.10	2.19	-1.31	3.50	gravel, NBR	14.20	2.71	0.33	0.26	7.35	0.00	0.00	56.26	1.00	0.84	24.27	0.01

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