

ASX ANNOUNCEMENT 15 JUNE 2016

POTENTIAL GROWS AROUND T3 DISCOVERY

- New copper/zinc target zone confirmed 3.5km NE of current T3 drilling, RC drilling to test area
- Wide zones of >1% copper intersected in three latest diamond holes (MO-G-04D, 05D and 06D)
- Geophysical (IP) data has defined multiple targets for deeper drilling North and South of T3
- 3rd drill rig mobilised to accelerate resource drill out and test deeper targets, including IP anomalies

MOD Resources Limited (ASX: MOD) today announced the confirmation of an extensive new copper surface anomaly and additional positive assay results from its diamond-drill program at the T3 prospect in the Kalahari Copper Belt, Botswana. The resource-drilling program is part of a joint venture between MOD Resources (70%) and AIM-listed Metal Tiger Plc (30%).

In March 2016, MOD Resources commenced a drilling campaign at T3. Early success, including an intersection of 52m @ 2.0% Cu in a shallow RC hole, prompted the joint venture to commence further drilling to gain a better understanding of the copper mineralisation and initiate a substantial soil sampling program of the surrounding area.

Based on this work, the Company's experienced geological team confirmed a new 3-kilometre long copper/zinc anomaly along strike, approximately 3.5 kilometres NE of the Phase 1 resource area at T3 (Figure 1).

The Company also announced receipt of assays from three deeper diamond holes along a 600m-strike length within the Phase 1 resource area, showing they all intersected wide zones equal or greater than 1% copper, associated with significant silver values.

Highlights include:

MO-G-04D

- 12.08m @ 1.29% Cu and 26.7ppm Ag from 182.0m downhole
- 10.00m @ 1.04% Cu and 17.1ppm Ag from 223.0m downhole

MO-G-05D

• 34.85m @ 1.0% Cu and 14.0ppm Ag from 161.0m downhole, including 6.28m @ 2.50% Cu and 47.3ppm Ag from 177.0m downhole

MO-G-06D

• 6.00m @ 1.87% Cu, 37.9ppm Ag Mo from 223.0m downhole

Details of the drill holes are set out in the table below (Table 1).

MOD Resources' Managing Director Mr Julian Hanna said T3's prospective target area keeps growing.

"The resource area now extends to 1-kilometre strike length following intersection of a substantial width of chalcopyrite mineralisation in the latest diamond hole (MO-G-13D) requiring assay confirmation, 200m east of current drilling," said Mr Hanna.

"Within just three months since discovery, MOD has only tested a small portion of the potential around T3."



"T3 remains completely open to the east, below an extensive copper/zinc soil anomaly that was confirmed by recent infill soil sampling," Mr Hanna added. "RC scout drilling will commence soon to test this new area."

"We are further encouraged by similar copper/zinc anomalies identified north and west of T3 that indicate potential could continue over a much wider area."

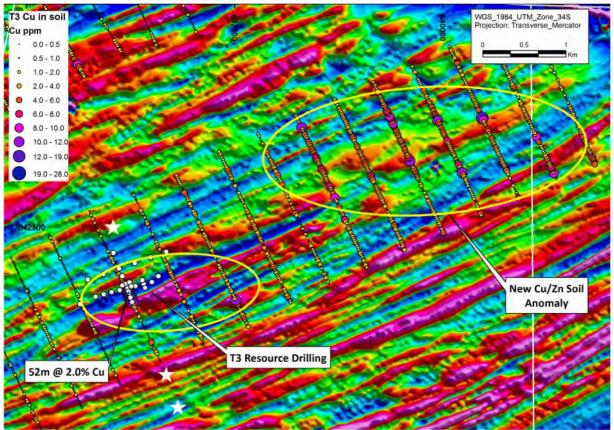


Figure 1: Magnetic image of T3 area showing current resource drilling and large coincident Cu/Zn soil anomaly located ~3.5km along strike. White stars represent 3 deeper drill targets based on interpretation of trial IP data.

A third diamond drill rig has arrived on site to fast track completion of Phase 1 drilling and the initial resource in the September quarter.

Results from the continuing drilling program will be released as they become available following geological interpretation.

On 10 June 2016, Mr Hanna announced his departure from the board of nickel miner, Western Areas Ltd, after 12 years serving as its inaugural Managing Director and then four years as a Non-Executive Director. Mr Hanna plans to devote his time and energy exclusively to his role as Managing Director at MOD Resources.

-ENDS-

For and on behalf of the MOD Board.

Julian Hanna

Managing Director

Anna Nahajski-Staples Director, AMN Corporate +61 400 205 433

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Mark Clements

Executive Chairman and Company Secretary



| Drill Hole ID | Collar UTM East | Collar UTM North | Azi | Dip | ЕОН m |
|------------------|-----------------------|------------------------|-----|-----|----------|
| MO-G-01D | 636189 | 7641820 | 160 | -60 | 313.7 |
| MO-G-02D | 636225 | 7641728 | 160 | -60 | 283.6 |
| MO-G-03D | 636111 | 7642004 | 160 | -60 | 256.9 |
| MO-G-04D | 635923 | 7641937 | 160 | -60 | 263.7 |
| MO-G-05D | 636302 | 7642069 | 160 | -60 | 268.8 |
| MO-G-06D | 635735 | 7641871 | 160 | -60 | 259.7 |
| MO-G-07D | 636045 | 7642192 | 160 | -60 | 328.7 |
| MO-G-08D | 636151 | 7641912 | 160 | -60 | 214.5 |
| MO-G-09D | 636490 | 7642136 | 160 | -60 | 268.84 |
| MO-G-10D | 636237 | 7641837 | 160 | -60 | 169.6 |
| MO-G-11D | 636143 | 7641803 | 160 | -60 | 178.74 |
| MO-G-12D | 636256 | 7641790 | 160 | -60 | 157.6 |
| MO-G-13D | 636678 | 7642201 | 160 | -60 | current |
| MO-G-14D | 636568 | 7641952 | 160 | -60 | 169.5 |
| MO-G-15D | 636473 | 7641919 | 160 | -60 | current |
| MO-G-16D | 636378 | 7641887 | 160 | -60 | current |

Table 1: T3 Diamond Drill Hole Parameters

Background

Botswana Copper Project

The combined MOD holdings comprise 25 prospecting licences with a total area >11,600km² in the relatively unexplored central and western Kalahari Copper Belt which is largely covered by sand and soil.

MOD's combined holdings comprise:

- (i) 100% holdings and various joint venture interests in 11 granted prospecting licences with a total area of approximately 4,187km² held through a subsidiary MOD Resources Botswana (Pty) Ltd.
- (ii) 70% of Discovery Mines (Proprietary) Ltd (DMI) which holds 14 granted prospecting licences with a total area of approximately 7,446km² in the same area as MOD's 100% holdings. MOD's interests are held through UK joint venture company, Metal Capital Ltd (MCL) and its wholly owned subsidiary Tshukudu Metals Botswana (Pty) Ltd (TMB), following the acquisition of DMI announced on 16 December 2015.

London AIM-listed company Metal Tiger Plc (MTR) owns a 30% interest in DMI through MCL and TMB. The business fit between MTR and MOD is strong and both companies are working together to explore and potentially develop opportunities within their extensive holdings in the Kalahari Copper Belt.



MTR is primarily focused on undervalued natural resource investment opportunities in which it can provide financial and business support to companies to maximize the value of their interests.

MOD has been an active explorer in the Kalahari Copper belt since 2011 and discovered the 'Corner K Deposit', now re-named Mahumo Copper/Silver Deposit. The Mahumo deposit was discovered by drilling a soil anomaly along the northern margin of a major >20km wide structural zone (Mahumo Structural Corridor). The Mahumo Stage One resource is currently the highest grade copper resource in the Kalahari Copper Belt and is the basis for MOD's underground mining scoping study. Mahumo remains completely open below the limit of drilling along 2.4km strike length and Stage 2 drilling is proposed to test for extensions to ~600m depth, starting in the December quarter 2016.

In March 2016, MOD and MTR announced the significant discovery of moderate to high-grade Copper/Silver mineralisation intersected in drilling at shallow depth at T3, 20km southwest of Mahumo. Mineralisation at T3 consists of vein hosted and disseminated chalcopyrite, bornite and chalcocite within a 50-60m wide sequence of shallow dipping green siltsones and marl units (the 'Target Sequence'). There is no outcrop or previous drilling at T3 which is interpreted from magnetic data to form part of a 25km long structural 'dome' (T3 Dome) within part of the >20km wide Mahumo Structural Corridor.

Since the discovery of T3 in March 2016, MOD and MTR have commenced a substantial resource drilling campaign along an 800m strike length at T3 with the objectives to define an initial resource (Phase One resource) during the September quarter 2016 and determine the open pit potential at T3. Soil sampling and IP geophysical surveys in the area surrounding T3 have also identified a number of additional high priority drilling targets which are planned to be tested in the coming months. Four drill rigs are on site at T3, including 3 diamond drill rigs conducting the Phase One resource drill out and testing for extensions to the resource area, and one RC drill rig testing new shallow copper targets along the T3 Dome.

In November 2015, neighbouring Cupric Canyon Capital announced results from a feasibility study for the potential development of a substantial underground mine at the Zone 5 deposit. Zone 5 is located ~100km NE of MOD's 100% owned Mahumo deposit, along the same interpreted structural contact. Cupric's reported resources at Zone 5 are 100.3Mt @ 1.95% Cu and 20g/t Ag (December 2015). Zone 5 is currently the most significant announced resource in the Kalahari Copper Belt and demonstrates the wider potential of this relatively under-explored, sand covered region.

Competent Person's Statement

The information in this announcement that relates to Geological Data and Exploration Results at the Botswana Copper Project is reviewed and approved by Jacques Janse van Rensburg, BSc (Hons), General Manager Exploration (Africa) for MOD Resources Ltd. He is registered as a Professional Natural Scientist with the South African Council for Natural Scientific Professions (SACNASP) No. 400101/05 and has reviewed the technical information in this report. Mr Janse van Rensburg has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and the activity, which it is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Janse van Rensburg consents to the inclusion in this announcement of the matters based on information in the form and context in which it appears.

Exploration Targets and Results

This announcement refers to Exploration Targets as defined under Sections 18 and 19 of the 2012 JORC Code. The Exploration Targets quantity and quality referred to in this announcement are conceptual in nature. There has been insufficient exploration at T3 or at other Exploration Targets mentioned in this announcement to define a Mineral Resource and it is uncertain if further exploration will result in the Exploration Targets being delineated as a Mineral Resource. This announcement includes several drill hole intersections, which have been announced by MOD Resources Limited previously.



Forward Looking Statements and Disclaimers

This announcement includes forward-looking statements that are only predictions and are subject to risks, uncertainties and assumptions, which are outside the control of MOD Resources Limited.

Examples of forward looking statements included in this announcement are: 'T3 remains completely open to the east, below an extensive copper/zinc soil anomaly that was confirmed by recent infill soil sampling,' and 'RC scout drilling will commence soon to test this new area.' and 'We are further encouraged by similar copper/zinc anomalies identified north and west of T3 that indicate potential could continue over a much wider area.' and 'A third diamond drill rig has arrived on site to fast track completion of Phase 1 drilling and the initial resource in the September quarter.'

Actual values, results, interpretations or events may be materially different to those expressed or implied in this announcement. Given these uncertainties, recipients are cautioned not to place reliance on forward-looking statements in the announcement as they speak only at the date of issue of this announcement. Subject to any continuing obligations under applicable law and ASX Listing Rules, MOD Resources Limited does not undertake any obligation to update or revise any information or any of the forward-looking statements in this announcement or any changes in events, conditions or circumstances on which any such forward-looking statement is based.

This announcement has been prepared by MOD Resources Limited. The document contains background information about MOD Resources Limited current at the date of this announcement. The announcement is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this announcement.

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JORC Code, 2012 Edition Table 1 Reporting Exploration Results from Botswana Copper Project Section 1 Sampling Techniques and Data (Criteria in this section apply to all succeeding sections.)

| Criteria | JORC Code explanation | Commentary |
|--------------------------|---|--|
| Sampling techniques | Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. | Sampling was carried out using RC Drilling, at 1m sampling intervals. After every 1m interval the hole is flushed by compressed air. The full 1m interval was collected before being weighed and the weight recorded. All samples were riffle split (50:50) into samples weighing approximately 1.5kg These samples were taken to the core logging facility where a unique sample number was allocated to every interval sampled All samples were geologically logged by a suitably qualified geologist on site Samples are submitted to Setpoint Laboratories in Johannesburg Soil sampling is carried out on sample intervals of 25m. All samples are sieved to an 80 micron fineness and submitted to ALS laboratory in Johannesburg, S.A. Samples are assayed by aqua-regia digestion, followed by ICP-AES. |
| Drilling techniques | Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. 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 RC drill holes referred to in this release were drilled by reverse circulation drilling using a 5 inch – 127mm face sampling bit diameter and 900pfm – 24 bar compressor The diamond drilling referred to in this release was drilled by HQ diameter drill core for the first 36m followed by NQ diameter drilling the rest of the drill holes. |
| Drill sample recovery | Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure | RC sample recovery was recorded by weighing every sample before splitting. |



| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | 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. | Sample size was found to be consistent Diamond drilling recorded recovery. Core recovery was good Drill core was sampled in 1m intervals or as appropriate to align with the geological contacts |
| 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. | During the core logging geologists follow MOD's standard operating procedure for RC logging processes. The metre interval (from & to) is recorded and the data below is described within the RC drill logs: |
| | | Major rock unit (colour, grain size, texture) Weathering Alteration (style and intensity) Mineralisation (type of mineralisation, origin of mineralisation, estimation of % sulphides/oxides) Veining (type, style, origin, intensity) Data is originally recorded on paper (hard copies) and then transferred to Excel logging sheets Logging is semi quantitative based on visual estimation For diamond drilling the geological logging process documents lithological and structural information as well as geotechnical data such as RQD, recovery and specific gravity measurements. |
| 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. | All RC samples were taken at 1m intervals and riffle split into ~1.5kg samples. A reference sample is retained at core logging facility All RC intervals are geologically logged and sample intervals selected for |
| | 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 | assays at Setpoint Laboratories in Johannesburg • All diamond core samples |



| Criteria | JORC Code explanation | Commentary |
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| | material being sampled. | for the drill hole intersections were taken as half core samples. • MOD took photos of all core samples on site. • MOD has implemented an industry-standard QA/QC program. Drill core is logged, split by sawing and sampled at site. Samples are bagged, labelled, sealed and shipped to the Set Point prep- laboratories in Johannesburg, SA, by the project manager. • Field duplicates, blanks and standards are inserted at a ratio of 1:10. Setpoint also has its own internal QA/QC control to ensure assay quality. |
| 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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. | Field duplicates, blanks and standards are inserted at a ratio of 1:10 on site. At the lab the split for analysis is milled to achieve a fineness of 90% less than 106 μm (or a fineness of 80% passing 75 μm. Prep QC: At least one out of every 10 samples of every batch is screened at 75μm or 106μm, whichever is applicable, to check that 80% of the material passes. The % loss for samples screened should be <2% Analysis for 35 elements by determination of 3 acid digest followed by ICP-OES finish as well as A S Cu: PROCEDURE: One gram of pulp material is digested using a combination of three acids (HNO3, HClO4 and HCl) and made up to a volume of 100ml. The resulting solutions are analysed for metals by the technique of ICP-OES (Inductively Coupled Plasma – Optical Emission Spectrometry). REPORTING: A detection limit of <10ppm is reported. Values >10ppm are reported with no decimals and when the midpoint (5) between rounded off values is |



| Criteria | JORC Code explanation | Commentary |
|---|--|--|
| | | reached the number is rounded up. Below the midpoint, the number is rounded down. • All reported results are down hole widths. |
| 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. | 15-20% QA/QC checks are inserted in the sample stream, as lab standards, blanks and duplicates. |
| 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. | The collar coordinates of all the drill holes were taken by hand held GPS and are reflected in Table 1. Down hole surveys have been done on all diamond holes |
| Data spacing and distribution | Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. | Samples of RC chips for assaying were throughout taken at 1m intervals |
| 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. | Drilling planned at right angles to known strike and at best practical angle to intersect the target mineralisation at approximately right angles |
| Sample security | The measures taken to ensure sample security. | Sample bags were tagged, logged and transported to Setpoint laboratory in Johannesburg by Project Manager |
| Audits or reviews | The results of any audits or reviews of sampling techniques and data. | MOD's sampling procedure is done according to standard industry practice |

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

| Criteria | JORC Code explanation | Commentary |
|--|--|---|
| Mineral tenement and land tenure status | Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. | PL190/2008 is a granted Prospecting Licence held by 100% by Discovery Mines (Pty) Ltd which is wholly owned by Tshukudu Metals Botswana (Pty) Ltd which is wholly owned by Metal Capital Limited which is |



| Criteria | JORC Code explanation | Commentary |
|---|---|--|
| | | owned 70% MOD Resources Ltd and 30% Metal Tiger Plc. In January 2016, the Minister of Minerals, Water and Energy extended the licence date to 31 December 2016. MOD expects to apply for a further renewal or an extension at least 3 months ahead of that date. MOD is already in discussion with the Ministry regarding this. |
| Exploration done by other parties | Acknowledgment and appraisal of exploration by other parties. | No previous exploration in the area of drilling apart from widely spaced soil sampling conducted by Discovery Mines. |
| Geology | Deposit type, geological setting and style of mineralisation. | The visible copper mineralisation intersected in drill holes on PL190/2008 is interpreted to be a Proterozoic or early Palaeozoic age vein related sediment hosted occurrence similar to other known deposits and mines in the central Kalahari Copper Belt |
| 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. | All information relating to the RC drill holes and diamond drill holes are listed in Table 1 of the release No down hole surveys have been done on RC holes There is no material change to this drill hole information |
| Data aggregation methods | In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. 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. | Significant copper and silver intersections will be reported by MOD as received from the lab |
| 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 (e.g. 'down hole length, true width not known'). | True widths are not quoted Down hole widths are used throughout |



| Criteria | JORC Code explanation | Commentary |
|---|---|--|
| 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. | Magnetic image of T3 area showing current resource drilling and large coincident Cu/Zn soil anomaly located ~3.5km along strike is shown at Figure 1 |
| 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. | The accompanying document is considered to be a balanced report with a suitable cautionary note |
| 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. | All substantive data is reported |
| Further work | The nature and scale of planned further work (e.g. 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. | Any further work on PL190/2008 will be dependent on results from the next RC and diamond drill holes |