

ASX Announcement

2nd September 2015

Siam Copper Project Thailand Second Assay Confirms Very High Grade Copper

HIGHLIGHTS

- A sample of in-situ material from a 10cm wide vein, returned an assay of 45% Cu and 123 g/t Ag.
- This second sample confirms the impressive recently announced assay result (**54.7% Cu and 148g/t Ag** RK142) from nearby float.
- The vein sample comprises the same copper mineralisation (mostly very high grade chalcocite with malachite and azurite) as RK142.
- Current hypothesis is that the vein represents structurally controlled "leakage" from a large concealed copper deposit or alternatively, be part of a more extensive vein system.

CORPORATE SUMMARY

Executive Chairman

Paul Poli

Director

Frank Sibbel

Director & Company Secretary

Andrew Chapman

Shares on Issue

144.15 million

Unlisted Options

15.47 million @ \$0.25 - \$0.43

Top 20 shareholders

Hold 50.36%

Share Price on 2 September 2015

13.5 cents

Market Capitalisation

\$19.46 million

 Head Office:
 Suite 11, 139 Newcastle Street, Perth Western Australia 6000
 Tel: +61 8 9230 3555 Fax: +61 8 9227 0370

 Bangkok Office:
 Unit 1808, Pacific Place 2, 142 Sukhumvit Road, Klongtoey, Bangkok 10110
 Tel: +66 0 2653 0258 Fax: +66 0 2653 0258

INTRODUCTION

Matsa Resources Limited ("Matsa" or "the Company" ASX:MAT) is pleased to report on results of recent exploration activities within the Company's Siam Copper Project in central Thailand. In particular this relates to a follow up sample and assay from a 10cm wide vein which confirms the very high grade copper and silver results in sample RK142. (*Refer MAT announcement to ASX 26th August 2015*).

The objective of exploration in the Siam Copper Project is to establish the presence of economic copper mineralisation within highly anomalous stream sediment catchments, particularly where past work by Matsa has already confirmed the presence of visible copper mineralised boulders at Siam 1 and Siam 2.

Background information about the methods and data used in compiling this report, are attached as Appendix 1 in accordance with the JORC 2012 Code.

EXPLORATION UPDATE

Sample "S1W_Vein", comprising mostly chalcocite (a very high grade copper sulphide mineral), malachite and azurite was collected from a 10cm wide vein exposed in the shallow ~50cm deep trench referred to in the previous announcement.

Sample S1W_vein returned values of **45% Cu and 123 g/t Ag,** confirming that the vein is the likely source of float sample RK142 (**54.7% Cu and 148g/t Ag**). (Assay protocol for S1W_Vein and Cu and Ag assays are summarised in Appendix 2).

The copper rich vein is located within a broader altered zone up to 1 metre wide and can be seen to be oriented in a NW direction and to dip steeply towards the NE. The location of the Siam 1 W target and associated samples is shown in Figure 1. A close up view of the vein prior to sampling is shown in Figure 2.

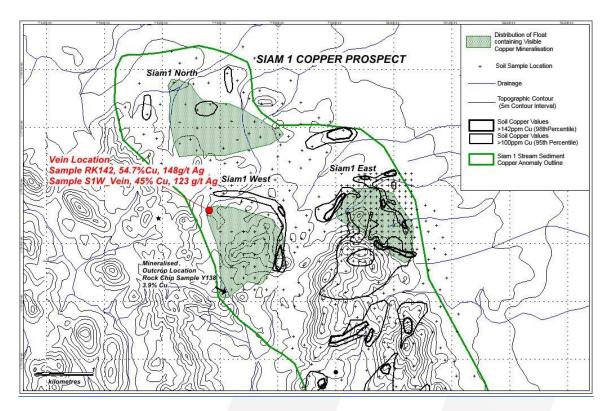


Figure 1: Location of Siam 1 West target, rock samples "RK142" (54.7% Cu and 148g/t Ag) and "S1W_Vein" (45% Cu and 123 g/t Ag).



Figure 2: View of copper rich vein prior to sampling.

Significance of this vein discovery

Implications for the recently discovered vein include the possibility that:

- The vein may be fault/fracture controlled leakage of copper and silver from a major copper sulphide deposit perhaps underlying the spread of native copper rich scree and anomalous soil geochemistry at Siam 1W. (Figure 1)
- It may be only one of a more extensive suite of high grade copper rich veins.

Planned Exploration

It is planned to extend auger soil sampling, geological mapping and Induced Polarisation IP surveys over Siam1W, Siam1E and Siam1N to explore for the presence of copper sulphide mineralisation underlying or adjacent to these targets which are defined by visible copper mineralisation in float and by anomalous soil copper values.

For further Information please contact:

Paul Poli Frank Sibbel Executive Chairman Director

Phone +61 8 9230 3555 Fax +61 8 9227 0370

Email reception@matsa.com.au

Web <u>www.matsa.com.au</u>

Exploration results

The information in this report that relates to Exploration results is based on information compiled by David Fielding, who is a Fellow of the Australasian Institute of Mining and Metallurgy. David Fielding is a full time employee of Matsa Resources Limited. David Fielding has sufficient experience which is relevant to the style of mineralisation and the type of ore deposit under consideration and the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. David Fielding consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix 1 - Matsa Resources Limited

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.	Thailand Sampling carried out according to well established procedure. Soil samples are taken as close as possible to the top of the weathered rock profile rather than in overlying vegetation rich A horizon material. Stream sediments samples represent active bedload in defined drainage channels	
	Measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Soils and streams: Sufficient sample bagged in the field to enable selection of duplicates to be run for QA QC purposes. Rocks, typically 1-2kg collected, and submitted for crushing and grinding at lab.	
	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.	Stream Sediment Samples and soil samples -2mm samples of active stream silt and B horizon soils were submitted for assay where samples were dried and further reduced by screening with assays carried out on the -80# fraction. Rock Samples Rock samples comprise 1-3 kg of visually interesting material were submitted for drying, crushing to 2mm size and then pulverized down to 106 microns or -150# to MAS laboratory in Bangkok. Limited hand held XRF analysis carried out on rock samples as a semi	
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).	quantitative way to confirm their copper bearing character.	
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.		

Criteria	JORC Code explanation	Commentary
	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.	
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.	
Sub-sampling techniques and	If core, whether cut or sawn and whether quarter, half or all core taken.	Not applicable
sample preparation	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.	Standard lab sample preparation process includes drying, crushing and pulverizing.
		Standard lab sample preparation process includes drying, screening to -80# for soil and stream sediment samples. Rock samples undergoes drying, crushing to nominal -2mm size and pulverized to 106 microns/-150#. Rock samples with Cu grades of >1% were screened to 75microns/-200#.
	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.	Sample size is appropriate for the targeted mineralization style.
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.	Thailand Assaying of soil samples, stream sediments and rock samples were carried out at Mineral Assay and Services (MAS) laboratories in Bangkok, Thailand, Soil samples: Sample preparation dry and screen to -80#, A 0.5gram sample of the -80# fraction digested by Aqua regia acid digest (Digest GEO23) and 23 elements including Cu were read by ICP OES to a reported detection limit of 1ppm Cu and upper detection limit of 1% Cu. Rock samples with assays over 1% Cu were subjected a sodium peroxide fusion and measured with AAS for Cu only. Rock

Criteria	JORC Code explanation	Commentary	
		samples with Ag values over the 100 ppm upper detection limit were re assayed using a 4 acid digest and read by AAS (Method code Ag4AD/AAS)	
		A table of elements with lower and upper detection limits is attached as Appendix 2. Some elements are only partially leached by the GEO23 digest leading to incorrect assays for some elements e.g., Al, Cr, Fe, etc. Sample S1W_V1 was assayed by ALS Global Perth WA (Appendix 2)	
	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.	Olympus Innovx Delta Premium (DP4000C model) handheld XRF analyser. Reading times employed was 45 sec/beam for a total of 145 sec using Soil Mode.	
	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.	Not carried out because laboratory QA QC procedures are regarded as sufficient at this stage. Handheld XRF QAQC includes use of duplicates, standards and blanks.	
Verification of sampling and	The verification of significant intersections by either independent or alternative company personnel.	Matsa Group Exploration Manager verified all significant intersection results.	
assaying	The use of twinned holes.		
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Data entry carried out by field personnel thus minimizing transcription or other errors. Trial plots in field and rigorous database procedures ensure that field and assay data are merged accurately.	
	Discuss any adjustment to assay data.	No adjustments were made to the assay data.	
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.	UTM Grid system used namely Indian Thailand 1975 datum Zone 47.	
	Quality and adequacy of topographic control.	Topographic control 2-5m accuracy using published maps or Shuttle Radar data is sufficient to evaluate topographic effects on assay distribution.	
Data spacing and distribution	Data spacing for reporting of Exploration Results.	For Thailand, typically between 4 and 12 samples per km2.	
	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.	Not applicable at this stage.	
	Whether sample compositing has been applied.		

Criteria	JORC Code explanation	Commentary
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.	
Sample security	The measures taken to ensure sample security.	Not regarded as an issue for soil samples and first pass aircore samples beyond clear mark up and secure packaging to ensure safe arrival and accurate handling by personnel at assay facility. Assay Pulps retained until final results have been evaluated.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Not carried out at this stage.

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.	Thailand Exploration tenements comprise more or less regular aggregates of square blocks to a maximum of 16km 2. Tenements are held by Siam Copper Ltd and PVK Mining Limited which are both wholly owned subsidiaries of Matsa Resources Limited. Tenements have been granted for a period of 5 years subject to completion of agreed exploration programme.
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.	All Matsa tenements are in good standing and no known obstacle exists.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Thailand Past work in the Siam project area has included -80# stream sediment sampling carried out by the Department of Mineral Resources of Thailand (DMR) and made available to explorers. Other work includes a helicopter borne combined electromagnetic and magnetic survey carried out mostly on EW lines nominally 400m apart.

Criteria	JORC Code explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	Thailand The target is volcanic hosted copper mineralisation associated with widespread altered boulders, in some cases containing visible Cu mineralisation. The project area is part of an arcuate paleo – island arc terrane which is more than 600km long and oriented approximately north – south. This terrane extends from Ko Chang Island on the Cambodian border in the south to the Laos border beyond Loei in the north. The geological character of this belt results from subduction of oceanic crust towards the east beneath the Indo – Sinian plate during the Permian and early Triassic periods through to the Tertiary. Volcanic rocks, comprising mostly andesites in the project area, were deposited in early Triassic times over extensive Permian aged shelf limestones.
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.	
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.	
Relationship between mineralisation	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.	

Criteria	JORC Code explanation	Commentary
widths and intercept lengths	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').	
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.	Suitable summary plans have been included in the body of the 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.	Not required at this stage.
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 related exploration information are included in the main body of the report
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.	Included in the main body of the report.

Appendix 2: ALS Assay Protocol for Sample S1W_Vein



Australian Laboratory Services Pty. Ltd.

32 Shand Street
Stafford
Brisbane QLD 4053
Phone: +61 (7) 3243 7222
Fax: +61 (7) 3243 7218
www.alsglobal.com

Page: 1 Total # Pages: 2 (A - C) Plus Appendix Pages Finalized Date: 31- AUG- 2015 Account: MATRES

CERTIFICATE PH15129878

P.O. No.: 308563

This report is for 1 Rock sample submitted to our lab in Perth, WA, Australia on 28- AUG- 2015.

The following have access to data associated with this certificate:

SAMPLE PREPARATION		
ALS CODE	DESCRIPTION	
WEI- 21	Received Sample Weight	
PUL- QC	Pulverizing QC Test	
LEV- 01	Waste Disposal Levy	
LOG- 22	Sample login - Rcd w/o BarCode	
CRU- 21	Crush entire sample > 70% - 6 mm	
PUL- 23	Pulv Sample - Split/Retain	
BAG- 01	Bulk Master for Storage	

ANALYTICAL PROCEDURES			
ALS CODE	DESCRIPTION	INSTRUMENT	
Au- AA26	Ore Grade Au 50g FA AA finish	AAS	
ME- OG62	Ore Grade Elements - Four Acid	ICP- AES	
ME- ICP61	33 element four acid ICP- AES	ICP- AES	
Ag- OG62	Ore Grade Ag - Four Acid	VARIABLE	
Cu- OG62	Ore Grade Cu - Four Acid	VARIABLE	
PGM- ICP23	Pt, Pd, Au 30g FA ICP	ICP- AES	

TO: MATSA RESOURCES ATTN: DAVE FIELDING PO BOX 376 NORTHBRIDGE WA 6865

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

***** See Appendix Page for comments regarding this certificate *****

Signature:

Cameron Brosnan, Laboratory Manager, Perth

PH15129878 - Finalized

CLIENT: "MATRES - Matsa Resources"

of SAMPLES: 1

DATE RECEIVED: 2015-08-28 DATE FINALIZED: 2015-09-01

PROJECT: ""

CERTIFICATE COMMENTS: "Copper exceeding ME-OG62 upper limit is reported by ME-CON02 and

should be treated as indicative only. "

ME-ICP61	ME-ICP61	
Cu	Ag	
ppm	ppm	
>10000	>100	
ME-OG62	ME-OG62	
Cu	Ag	
%	ppm	
>40	123	
ME-CON02		
Cu		
%		
45		