ASX RELEASE – 20 September 2012

Malagasy Energizer JV Molo Graphite Progress Report

Energizer Resources Provides Progress Report on NI 43-101 Molo Deposit Delineation

Malagasy Minerals **(ASX: MGY)** is pleased to advise that additional assay results from drilling and trenching at its Green Giant graphite joint venture have been released.

Malagasy has a 25 per cent stake in the Green Giant graphite JV. Energizer has the remaining 75 per cent stake. Malagasy is free carried until completion of a Bankable Feasibility Study.

A copy of the Energizer release is attached.

Press Release – September 19, 2012

Energizer Resources Inc. (TSX: EGZ) (OTCBB: ENZR) (FWB: YE5) ("Energizer" or the "Company") is pleased to announce it has received additional assays from its National Instrument (NI) 43-101 graphite resource drill program on the Molo deposit. The results continue to outline the targeted deposit size and boundaries, as well as the grade of the Molo deposit.

The Molo deposit is located in the Green Giant Graphite project, and is part of the joint venture (JV) property with Malagasy Minerals Limited in Madagascar. Energizer has a 75% ownership interest and is the operator of the project.

Drill and Trench Intersections Support Large Footprint of Molo

The Company has received assay results from an additional 9 diamond drill holes and 1 trench. Energizer has now received a combined total of 24 (of 47) drill holes, and 10 (of 19) trenches completed over the Molo deposit. This dataset continues to confirm that the Molo deposit has a very large footprint.

The company has focused its resource delineation program on the Molo deposit. The deposit's description and shape consists of a 2 km strike length with a south plunging antiformal fold. In the north, the graphite mineralization is between 50-100 metres in width. The deposit then flares to over 500 metres in width as you move south, after which the graphite deposit width tapers to approximately 250-350 metres before splitting into two 'arms'. The widths of these arms range in size between 50 and 100 metre widths respectively. The deposit is open at depth, and along strike.

Drill and trench data received to date, as well as mapping, prospecting and geophysical surveying, confirms graphite mineralization at surface, and over an area of at least 250,000 m^2. The depth of mineralization that has been confirmed by drilling is in excess of 300 metres. With these results, the Company continues to move forward outlining a potential deposit size of 80-120 million tonnes. As well, the assays have outlined a grade average of between 5 and 8% carbon. The Company has now reported just over 50% of its drill holes, and will continue to report assay results as it receives them from the lab.

Cautionary Statement - The potential quantity and grade of the Molo deposit is conceptual in nature and there has been insufficient assay data received at this time to properly define a mineral resource in accordance with NI 43-101 requirements. Although the Company sees no reason why a compliant mineral resource could not be defined, there is no guarantee that further exploration will result in the Molo being defined as a mineral resource. The potential quantity and grade of the Molo is being determined through the progression of exploration and the assays received. To date, the company's exploration activities include airborne geophysical surveys, ground geophysics, mapping, drilling and trenching. The deposit target range is based on drilling and trenching results obtained to date.

Mine Site Design and Logistical Planning Underway

The recently completed drill program will provide the necessary data to complete a National Instrument (NI) 43-101 graphite resource, which will be part of the Preliminary Economic Assessment Report (PEA) due in Q4 of this year.

DRA Mineral Projects, Africa's largest mine engineering, construction and operations firm, is authoring the PEA study, which will include a mine site layout. This layout will include a model flowchart for the graphite in three separate phases: phase 1) graphite production through simple crushing, phase 2) graphite through flotation, and phase 3) graphite purification targeting the electric vehicle (EV) battery market and electric power storage markets. It should be noted that the Molo deposit has a unique feature in that Jumbo flake (i.e. +50 mesh) graphite at an average purity of 93% C can be easily liberated through simple crushing of the Molo deposit graphite.

As part of the PEA study, DRA has authored a preliminary mine design with a capacity of 150,000 tonnes per year graphite production. The mine will be constructed in 50,000 tonne modules. This will allow for the production at the Molo deposit to be scalable and which can be 'ramped' up when the project off-take demands manifest themselves in the marketplace.

Logistics and product management is a key component in a mine operation, and to this end, Energizer has engaged the Panalpina Group, one of the world's leading intercontinental air and ocean freight supply chain and logistics companies to design and manage this phase of the operation. Panalpina has stated that existing infrastructure in southern Madagascar will allow for immediate production at the Molo. Working closely with DRA, Panalpina is currently outlining a logistical solution for Energizer that will enable graphite produced at the Molo to be transported in a cost effective manner from 'pit to port to customer'.

Assay Results

The drill hole and trenches were designed to delineate the extent of the Molo deposit. The latest assay results received are from the southern and northern sections of the deposit respectively. Specifically, drill holes MOLO-12-10 through MOLO-12-15 were emplaced on the southern edge of the deposit where the Molo bifurcates into 2 arms. Drill holes MOLO-12-17, 18 and 20 were emplaced to test the width of the mineralization in the 'arm' that extends north of the Molo 'central'. Trench MOLO-TH-12-09 was emplaced on the southern end of the Molo, where the deposit splits into 2 arms.

The table below summarizes the drill and trench intersections. An assay table summarizing all results is also provided on the Company's website.

Drill Hole	From (m)	To (m)	Length (m)	C%
MOLO-12-10	71	278	207	6.55
MOLO-12-11	0.64	97.45	96.81	6.90

MOLO-12-11	129.3	221	91.7	5.68
MOLO-12-12	0.5	24.5	24	5.18
MOLO-12-12	80	137	57	6.56
MOLO-12-13	0.77	69.5	68.73	6.30
MOLO-12-14	35.09	128	92.91	5.44
MOLO-12-14	166	250	84	5.43
MOLO-12-15	0.87	159	158.13	5.10
MOLO-12-17	96	170	74	6.49
MOLO-12-18	7.5	118.5	111	6.39
MOLO-12-20	58.2	188.5	130.3	7.08
Trench	**From (m)**	**To (m)**	**Length (m)**	**C%**
MOLO-TH-12-09	22	130	108	6.02
MOLO-TH-12-09	166	220	54	8.79

Additional Graphite Available for Targeting Beyond the Molo Deposit

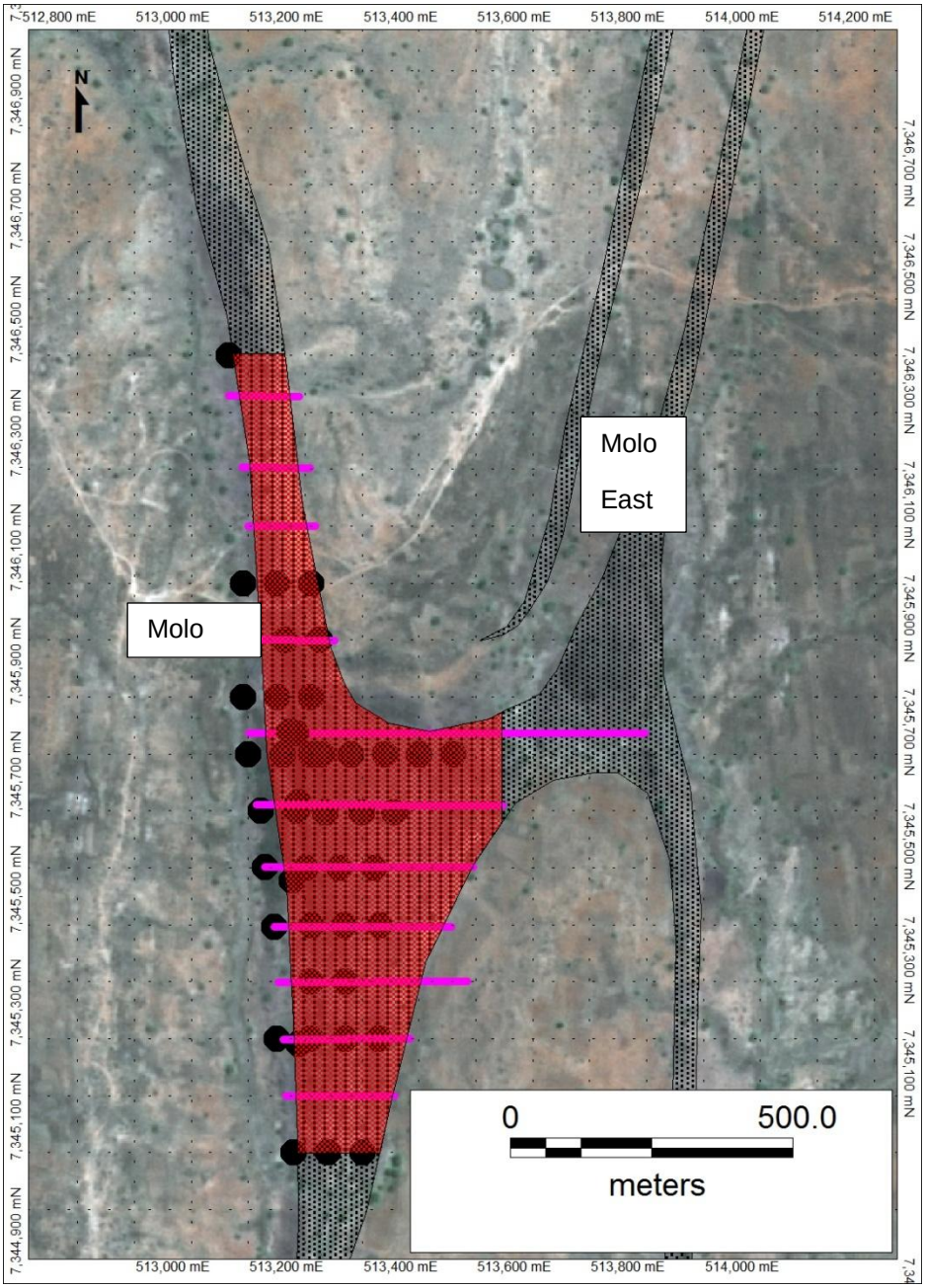
The Company realizes that off-take will be the key driver for the development and size of the Green Giant project. It continues to analyze the off-take opportunities for Electric Vehicles, fuel cells, battery storage, and pebble bed nuclear reactors. The Green Giant project offers a significant incremental exploration opportunity if the off-take demand for the above graphite usage manifests itself.

Immediately to the east, and attached to the Molo deposit is a graphite-bearing synformal fold of similar dimensions to the Molo deposit (which is an antiformal fold). This eastern synformal fold ("Molo East") will not be part of the Company's upcoming NI 43-101 resource statement as it was not drill tested. Through the use of both ground and airborne geophysics, geologic mapping and prospecting however, the Company believes that additional graphite mineralization would be easily obtainable at Molo East.

A satellite image of the Molo East target in relation to the Molo deposit footprint, as well as a block model of assay data received to date can be viewed on the Company's website at www.energizerresources.com.

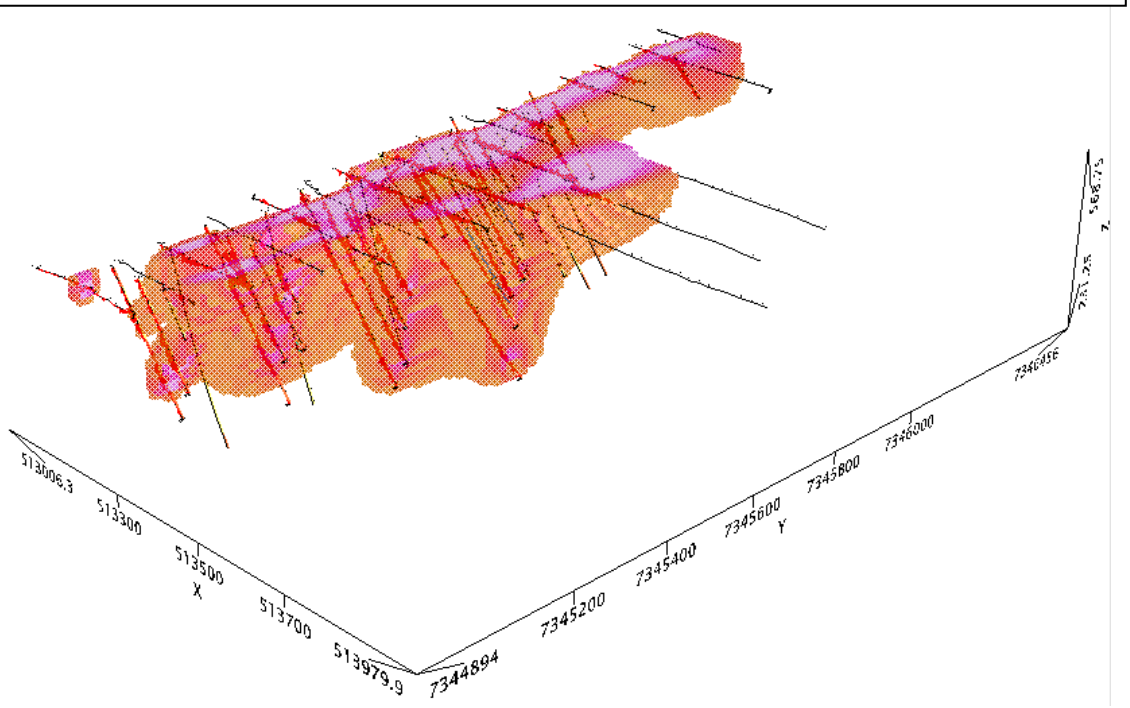
Plan map of Molo mineralization. Molo identified in stippled red, with drill holes and trenches to be utilized for the resource delineation program identified as black dots and purple lines respectively. Graphite identified through prospecting, mapping, airborne and ground geophysics identified as stippled black pattern.

The Molo is anticipated to have a resource of between 80 and 120 MT. The Molo 'east', as well as graphite mineralization extending to the north and south of the Molo, will not be included in the upcoming resource calculation, but the Company anticipates graphite mineralization will be easily delineated in these areas if required.



Reported trench and drill assays are represented as red lines and histograms. The drill holes and trenches we are awaiting assays for are represented by the black trace lines.

Filled blocks illustrate block-modeled mineralization.



Qualified Person- energizer

Craig Scherba, P.Geo., is the qualified person for the technical information provided in this release.

Qualified Person – Malagasy Minerals

The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled or reviewed by Mr. Stephen Vallance, Consulting Geologist, who is a Member of the Australian Institute of Geoscientists. Mr. Stephen Vallance has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activities undertaken, to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Stephen Vallance consents to the inclusion in the report of the matters based on this information in the form and context in which it appears.

Resource Target – EGZ Non-Compliant NI 43-101 Statement - *The potential quantity and grade of the target graphite deposit is conceptual in nature and there has been insufficient exploration to adequately define a mineral resource in accordance with NI 43-101 requirements. Further exploration to define a compliant NI 43-101 resource will commence shortly, and although the Company sees no reason why a compliant mineral resource would not be defined there is no guarantee that further exploration will result in the target graphite deposit being defined as a mineral resource. The potential quantity and grade of the target graphite deposits have been determined through the progression of exploration methodology and initial metallurgical testing. This included airborne surveys, ground geophysics, mapping, trenching and diamond drill holes, in conjunction with assay results. The low range of the resource target is based on confirmed surficial mineralization and drill hole intersection assays to date. The high range of the resource target is based solely on confirmed surficial mineralization with no sub-surface drilling. Samples are collected in accordance with strict QA/QC protocols, and sent to accredited test facilities for obtaining assay results.*

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