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## **ASX Release**

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# Plomosas Acquisition Due Diligence Update

- Geological review confirms exploration and development potential of Plomosas Zn-Pb-Ag project
- Board resolves to proceed to the next stage of the Due Diligence

**Newera Resources Limited (ASX: NRU)** ("Newera") is pleased to present the following update on its due diligence of the high grade Plomosas zinc-lead-silver mine in Mexico.

On 22 December 2014 the Company announced that it had executed a binding Heads of Agreement to acquire Arena Resources Pty Ltd ("Arena") an unlisted Australian private company that holds the rights to acquire up to a 90% interest in the Plomosas high-grade zinc project located in northern Mexico.

A 3 month due diligence period commenced immediately with extensive geological review along with legal and title review undertaken.

# Geological review

Following compilation and digitisation of historical and recent data, mapping and sampling of the underground workings and surveys completed of the infrastructure an interim geological model was developed for the Plomosas mineralisation.

The geological model incorporated mined ore outlines with remnant mineralisation and workings to assess the prospectivity of the immediate mine area. Consequently exploration targets have been identified in the area immediately below the existing mine development which will be targeted during Stage 1 Exploration for near term resource definition drilling.

The main zone of mineralisation appears to follow a north east trending structure, possibly a feeder zone for replacement fluids, which has not been tested down dip. This augers well for future exploration beyond the immediate exploration target in a shallow dipping mineralised horizon.





# **Exploration Targets**

A Stage 1 Exploration Target of approximately 2.9M to 3.2M tonnes grading between 15% - 25% Zn+Pb and 60-80 g/t Ag has been outlined from 185 mbs (Level 6) to 278 mbs(Levels 9 - 10), which is immediately at and below the current mine development (Figure 1). This includes some historical semi-oxide mineralisation outlined by ASARCO and quoted in 1974 in a non-JORC compliant reserve which has to be tested. The potential quantity and grade of this Exploration Target is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource. Furthermore it is uncertain if further exploration will result in the estimation of a Mineral Resource.

The due diligence team was able to map and sample above Level 5 in December 2014 to develop a geological model which was prepared in conjunction with a review of historical workings, sectional stope analysis and wide spaced drillhole intercepts at the margins of the workings. A wireframe model of the existing and anticipated mineralisation was developed which needs to be tested and confirmed by future exploration. No drilling has been undertaken to date within the Exploration Target wireframe.

The anticipated grade range is based on historical production records, reported grades of the remaining mineralisation provided from ASARCO records and lower stope analysis by Arc Resources Pty Ltd. A range of specific gravity (SG) values were used from 3.0 to 3.7 to estimate tonnages for different mineralised units.

Exploration drilling during Stage 1 would be required to confirm the presence of the semi-oxide material as well as the potential for near-mine sulphide mineralisation below and around it. If the final outcome of the due diligence process is successful that would occur in the subsequent months in conjunction with dewatering of the lower levels to provide access to the mineralisation.

The technical due diligence to date provides comfort that several potential areas of additional mineralisation exist:

- An initial exploration target of approximately 2.9M 3.2M tonnes immediately below the existing workings (to be assessed during Stage 1);
- Down dip extension and/or repetition of mineralised bodies along the north east trending structure (Stage 2 Exploration), and
- Repetitions within a well defined stratigraphic horizon along 6 km of strike found inside the Plomosas property, controlled by NE trending structures (Stage 2 and 3 Exploration).



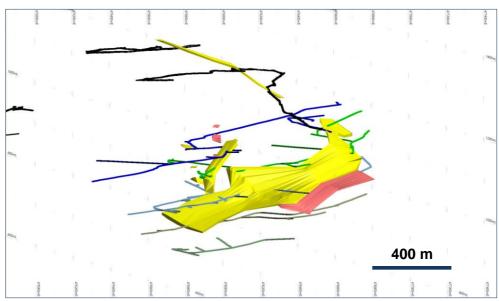


Figure 1. 3D view looking west of mined and remnant ore 'draped' around and over northeast trending mineralised trend (yellow = mined sulphide, red – semi oxide remnant mineralisation sampled and mapped by ASARCO Ltd in underground development)

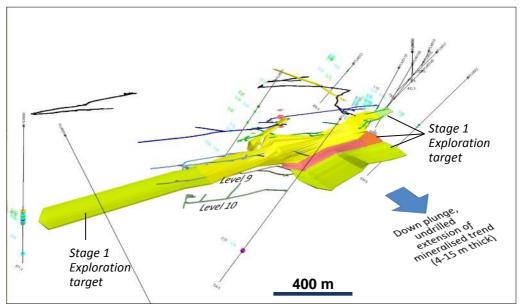


Figure 2. 3D view looking west showing likely extensions along strike and down plunge. In particular a thicker sequence plunges down to the NE along a trend that may represent a plumbing structure around which main mineralisation is 'draped'.

The target mineralisation is extended down dip by only 100 m for the Stage 1 Exploration Target although the sedimentary horizon containing it extends to the north east over a far more significant distance.





## Cautionary Statement:

The potential quantity and quality of the exploration targets identified in this announcement are conceptual in nature, and there has been insufficient exploration to date to define a mineral resource in accordance with the Australian Code for Reporting of Mineral Resources and Ore Reserves published by the Joint Ore Reserve Committee 2012 ("JORC Code 2012"). Furthermore, it is uncertain if further exploration at its exploration targets will result in the determination of a mineral resource.

The potential quantity and grade of an exploration target is conceptual in nature, there has been insufficient exploration to determine a mineral resource and there is no certainty that further exploration work will result in the determination of mineral resources or that the exploration target itself will be realised.

# Proceeding to next stage of the Due Diligence

Given the findings of the technical review and assessment of the exploration potential at Plomosas, the Board resolved to proceed to Phase 2 of the due diligence and commission an international mining consulting group to complete a review of the outstanding mining, processing and environmental aspects. Indicative cost structures and baseline comparisons will also be completed during this phase.

## Plomosas – Project

The project covers 11 Exploration and Exploitation Concessions totalling 3,019 ha in area with an extensive history of exploration and development in base metal operations. Plomosas is located in the northern Mexican state of Chihuahua, which neighbours Texas, USA, and is accessed by an hour's flight from Dallas.

Records show the Plomosas project to be extremely high grade, with approx. 1.7mt of ore having been mined since 1943, with average historical grades of 15-25% Zinc (Zn) + Lead (Pb) with 40-60 g/t Silver (Ag) and clean mineralogy.

Mineralisation comprises intrusive-related hydrothermal replacement of limestone rich sedimentary units within a well-defined stratigraphic horizon. The sequence is located at the margin of a major regional sedimentary basin creating large scale mineralised structures throughout northern Mexico.

Deposits in the Plomosas district exist as stratiform sheets of manto style mineralisation averaging 3m in thickness with cross cutting "chimneys" influenced by the location of crosscutting linking faults. The mineralisation is visually distinctive and forms sharp contacts with host rocks.





Figure 3: Project concessions are on the NE flank of the Sierra Monillas range and 5km from a sealed highway.

The shallow dipping (10°-40°) Plomosas mineralisation itself has been mined in several stages since 1943 down to 270 metres below surface via room and pillar stopes using traditional air leg drill and blast techniques. The mineralisation continues at depth and there is over 6 km strike of prospective stratigraphic horizon within the tenement package providing for excellent exploration potential and drill targeting.



Figure 4: Chairman Martin Blakeman on site with outcropping mineralisation at surface.





## **NEWERA PROJECT PORTFOLIO:**

Location	Project
Mexico:	Plomosas Project – Development/Prospective for Zinc.
Sweden:	Varmland Project (V100 and V101 Licences) – Prospective for Copper, Gold, Iron and PGE's.
Australia:	Jailor Bore Project – Prospective for Uranium.

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## **Competent Persons' Statement**

The information in this report that relates to exploration results, data collection and geological interpretation is based on information compiled by Mr Andrew Richards BSc (Hons), Dip Ed, MAuslMM, MAIG, MSEG, GAICD who is a Member of the Australasian Institute of Mining and metallurgy (AuslMM) and Institute of Geoscientists (AIG). Mr Richards has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity that is being undertaken to qualify as a Competent Person as defined in the 2012 edition of the 'Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves' (JORC Code). Mr Richards is a full time employee of Arc Resources Pty Ltd and a director of Newera Resources Limited and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.