



# SUNRISE RESOURCES PLC

AIM Announcement

14 June 2017

## SUNRISE RESOURCES PLC ("the Company")

### PERMIT RECEIVED FOR DRILL PROGRAMME AT CS POZZOLAN- PERLITE PROJECT, NEVADA

Sunrise Resources plc, the AIM traded company focusing on the development of its CS Pozzolan-Perlite project is pleased to announce that, following the completion of a positive concept study for development of the project, it has now received the required permit for its proposed drilling and trenching programmes at the CS Pozzolan-Perlite Project from the US Bureau of Land Management ("BLM").

The programme that has been permitted comprises access track upgrading and the construction of up to 11 drill pads and up to 3 trenches.

The permit will allow for a multi-phase drill programme and the first phase of drilling is expected to comprise 5 holes at approximately 150-250m spacing to test the core of the Main Zone where extensive surface sampling has demonstrated large areas of outcropping perlite with pozzolanic properties.

The objective of this first phase of drilling is to:

- Collect approximately 10 tonnes of samples for industrial application testing.
- Demonstrate continuity of surface zones at depth.
- Assist mine planning and industrial trials.

Follow on drilling phases will be planned following the results of first phase drilling.

The objective of the trenching programme is to demonstrate continuity of the Main Zone and where the pozzolan-perlite is geologically projected under surface cover.

The Company has submitted a restoration bond to the BLM for the permitted programme and is now in the final stages of reviewing drilling contractor bids with a view to a drill start around the middle of July (a suitable contract not being available before then). The trenching programme will be carried out in the meantime, and the Company is continuing to progress its industrial application testing of surface samples for use as natural pozzolan and perlite.

**Commenting today, Executive Chairman Patrick Cheetham said:** "I am pleased to be reporting further progress at the CS Project and look forward to providing further updates on a regular basis as we progress this exciting project towards a production decision."

## Further information

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### **About Natural Pozzolan**

Pozzolan is a cementitious material that can partially replace ordinary Portland cement in cement and concrete mixes in amounts up to 35%. Natural pozzolans, therefore, have strong “green” credentials as the production of Portland cement is responsible for 5% of the global man-made carbon dioxide emissions with nearly one tonne of carbon dioxide (CO<sub>2</sub>) generated for each tonne of cement produced. Natural pozzolans can also improve the strength and chemical resistance of concrete. Natural pozzolans can also replace industrial by-product pozzolans in cement such as coal fly ash. The availability and quality of fly ash is under threat as coal-fired power stations are phased out in favour of natural gas plants and fly ash quality becomes more variable due to increased emission control legislation.

### **About Perlite**

Perlite is a glassy raw material which, when heated in a furnace, pops like popcorn and expands by up to 20 times in volume into a white or pale coloured, low density material. Expanded perlite is used in various industrial and household applications such as insulation, paint texturing, building materials, filter aids, insulating industrial cryogenic storage vessels and as a potting medium in gardening and horticulture to aid water retention and aeration of the soil. Some perlites can also be used as a natural pozzolan.

### Notes:

- 1. The news release may contain certain statements and expressions of belief, expectation or opinion which are forward-looking statements, and which relate, inter alia, to the Company’s proposed strategy, plans and objectives or to the expectations or intentions of the Company’s directors. Such forward-looking statements involve known and unknown risks, uncertainties and other important factors beyond the control of the Company that could cause the actual performance or achievements of the Company to be materially different from such forward-looking statements. Accordingly, you should not rely unduly on any forward-looking statements and save as required by the AIM Rules for Companies or by law, the Company does not accept any obligation to disseminate any updates or revisions to such forward-looking statements.*
- 2. This announcement contains inside information.*
- 3. The information in this release has been compiled and reviewed by Mr. Patrick Cheetham (MIMMM, MAusIMM) who is a qualified person for the purposes of the AIM Note for Mining and Oil & Gas Companies. Mr. Cheetham is a Member of the Institute of Materials, Minerals & Mining and also a member of the Australasian Institute of Mining & Metallurgy.*

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