

SUNRISE RESOURCES PLC

# AIM Announcement

13 July 2017

### SUNRISE RESOURCES PLC ("the Company")

## UPDATE CS POZZOLAN-PERLITE PROJECT, NEVADA

Further to its announcement dated 14 June 2017, Sunrise Resources plc, the AIM-traded company focusing on the development of its CS Pozzolan-Perlite Project, is pleased to update on the trenching programme at the CS Project and advise that the first phase of drilling is to start this coming Saturday 15 July 2017. The drill programme is expected to last about one week.

A programme of trenching is now complete. Eleven trenches have been excavated within an area over 1.3 km long by 700m wide to expose and sample bedrock in areas covered by colluvium and scree. Nine trenches were excavated in covered areas on the periphery of the Main Zone and two trenches in the southern part of the newly defined Northeast Zone. Only one trench (in the Main Zone) failed to reach bedrock and the majority of the others found bedrock that, on a visual basis, is suspected to have perlitic and/or pozzolanic properties. Bedrock samples have been collected for testing and analysis and until such testwork is completed in approximately ten weeks' time, the Company is unable to be more definitive about the trenching results.

Details and objectives of the drill programme, which will focus on the central part of the Main Zone, were given in the Company's news release dated 14 June 2017. Drilling of the better exposed central part of the Main Zone is already justified by previous bedrock sampling. An extra hole has now been added to the programme to test the depth extent of pozzolanic tuff in the Tuff Zone.

**Commenting today, Executive Chairman Patrick Cheetham said:** "I am pleased to be reporting the start of drilling, on schedule. When combined with the results of the trenching, the drilling results will give us a much better 3D understanding of the value of the pozzolan and perlite within the large areas currently being evaluated."

#### **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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