



For immediate release:

Sirius Exploration Plc
(“Sirius” or the “Company”)

Queensland update: Sino-Agri MOU

The Directors of Sirius Exploration Plc (AIM: SXX, OTC: SRUXY), the potash mining group, are pleased to announce that the Company has entered into a Memorandum of Understanding (“MOU”) with Sino-Agri Mining Industry Co. Ltd (“Sino-Agri”), a division of China’s second largest fertilizer distributor, to develop Sirius’s property overlying the Adavale Basin in Queensland, Australia.

Under the terms of the MOU, the Parties will explore whether to enter into further agreements to establish: firstly, the feasibility of commercial potash production on Sirius’s Adavale properties; and secondly, commercially reasonable and profitable terms for the scope of services to be provided by Sino-Agri on an exclusive basis for the Adavale project (“Project”).

In particular, Sirius and Sino-Agri will endeavour to negotiate mutually acceptable agreements covering firstly an off-take agreement and, secondly, a joint development and funding agreement. Under any such agreements Sino-Agri will be the sole provider of services to bring the Project to commercial production in exchange for 50% of the equity in the Project.

As announced on 20 August 2010, based on an interpretation of existing seismic and petroleum drilling data by Boyd PetroSearch (“Boyd”), Sirius has interpreted a site within its Queensland properties considered very prospective for potash.

An initial exclusivity period between the Parties exists for 180 days after which date the Parties can select to extend or terminate the MOU. CIC Group China provided advisory services to Sirius on the transaction.

Chris Catlow, Chairman of Sirius Exploration, commented:

“Sirius is pleased to have taken this important first step in developing a long term relationship with Sino-Agri, a group that is establishing itself as one of the world’s largest potash distributors. Signing this MOU demonstrates that major fertilizer consumers are concerned about the current concentration of world’s potash supply and wish to fast track the development of new large potash resources. It also confirms the market’s recognition of the massive potential our Adavale tenements offer, and potentially provides Sirius with off-take, finance and surety of commercial production whilst retaining 50% equity in the project. Sirius will now continue moving forward with a range of initiatives across its portfolio to fast-track the company into a significant global potash supplier. To that end, we look forward to further developing our relationship with Sino-Agri.”

- ENDS -

For further information, please contact:

Sirius Exploration Plc

Richard Poulden

Tel: +971 504 524 994

Beaumont Cornish Limited (Nomad)

Roland Cornish

Tel: +44 (0) 207 628 3396

Daniel Stewart & Company plc (Broker)

Christopher Theis / Emma Earl

Tel: + 44 (0) 20 7776 6550

Gth Media Relations

Toby Hall/Christian Pickel

Tel: + 44 (0) 20 3103 3903/
3902