



FOR IMMEDIATE RELEASE

**RODINIA OIL CORP. GRANTED NEW PETROLEUM EXPLORATION
PERMIT APPLICATIONS IN WESTERN AUSTRALIA'S OFFICER BASIN**

Calgary, Alberta (June 23, 2010) - Rodinia Oil Corp. (TSX VENTURE: ROZ) ("Rodinia") is pleased to announce that it has been awarded two new Petroleum Exploration Permit Applications ("EPAs") by the State of Western Australia covering approximately 22,880 square kilometers (or approximately 5,654,000 acres) in Western Australia. These EPAs were issued pursuant to applications made by Rodinia on March 1, 2010.

These two EPAs (EPA 3/09-0 and EPA 4/09-0) are located immediately north of Rodinia's current exploration acreage in Western Australia. Please visit the following link for a map of Rodinia's total acreage in the Officer Basin both in South and Western Australia: http://rodiniaoil.com/documents/news_releases/Rodinia-2010-06-22-MAP.pdf.

In 1999, on what is now EPA 4/09-0, the Geological Survey of Western Australia drilled the GSWA Vines well to 2,017 meters total depth. A gas show was encountered on drilling at 1,482 meters. This well was originally sited by aeromagnetic and gravity surveys.

"These new lands complete our land holdings over the prospective portion of the Western region of the basin," said Rodinia's President and CEO, Paul Bennett. "The Exploration Permit Applications are located in a tectonically undisturbed region of the basin and add to Rodinia's 17.3 million acres of immense un-risked and undiscovered resource potential in the South and Western Australian region."

Rodinia has priority on this new acreage and the right to convert these EPAs into Exploration Permits ("EPs") provided it negotiates an agreement with the local indigenous people in accordance with the *Native Title Act* 1993. Once converted to EPs, Rodinia will have the sole right to explore in these areas. Rodinia plans to commence the negotiations with the indigenous people in the latter part of 2010.

Rodinia has an Area of Mutual Interest Agreement with its joint venture partner which grants their partner the right to participate for a 20 per cent working interest in a 10 kilometer buffer zone surrounding the joint venture's current acreage. As these new permits touch the Northern border of existing lands, Rodinia's joint venture partner can elect to participate for a 20 per cent working interest in the Southern 2,000 square kilometers (494,210 acres or 8.7 per cent gross) of these new permits.

For more information on Rodinia, please visit www.rodiniaoil.com.

About Rodinia Oil Corp.

Rodinia, a junior oil and gas corporation listed on the TSX Venture Exchange under the symbol "ROZ", is engaged in the exploration, acquisition and development of world-class onshore petroleum and natural gas assets in Australia's Officer Basin. Founded in 2006, Rodinia is one of the first companies of its kind to undertake onshore exploration in

the Officer Basin and has access to large tracts of potential oil resources in the region. Rodinia's head office is in Calgary, Alberta, Canada.

Forward-Looking Statements

This press release contains forward-looking information that involves substantial known and unknown risks and uncertainties, most of which are beyond the control of Rodinia, including, without limitation, those listed under the headings "Forward-Looking Statements" and "Risk Factors" in Rodinia's final prospectus. Should one or more of these risks or uncertainties materialize, or should assumptions underlying the forward-looking information prove incorrect, actual results, performance or achievements could vary materially from those expressed or implied by the forward-looking information. Accordingly, prospective investors should not place undue reliance on these forward-looking statements. These forward-looking statements are made as of the date of this release and, other than as required by applicable securities laws, Rodinia does not assume any obligation to update or revise them to reflect new events or circumstances.

Neither the TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accept responsibility for the adequacy or accuracy of this release.

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