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ASX RELEASE

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LEADING EXPERT JOINS KILLI KILLI RARE EARTHS (REE) & GOLD PROJECT

Orion Metals is pleased to announce that internationally recognised geoscientist, Professor Ken Collerson, has joined the Killi Killi Project Team.

Professor Collerson is a pre-eminent geoscientist, with more than 35 years experience in Australia and internationally. He is an Emeritus Professor at the University of Queensland and has published more than 100 peer reviewed research papers.

His specialities include mineralogy, igneous and metamorphic petrology, trace elements and isotope geochemistry, tectonics, deep earth geodynamics and Archaean and Proterozoic crustal evolution. He has particular expertise in the geochemistry and mineralogy of alkaline igneous rocks that commonly host rare earth and speciality metal deposits.

Professor Collerson will undertake a detailed study on the Killi Killi REE-Uranium & Gold project to define the mineralogy and geochemistry origin of the mineralisation.

His knowledge of mantle sourced alkaline igneous rocks will provide a base to better explain the hydrothermal system responsible for the rare earth mineralogy at Killi Killi Hills.

In a preliminary review, Professor Collerson has identified that the concentration of heavy rare earth elements - in particular Dysprosium in the Killi Killi Hills unconformity - is one of the highest reported in sedimentary rocks.

Professor Collerson believes there are mineralisation mechanisms in play that have preferentially concentrated the HREE's in the conglomerates at Killi Killi Hills and may involve alkali hydrothermal action.

Orion's Chief Geologist, Adrian Day has recently completed 30 RC drill holes in two areas along the Killi Killi Hills unconformity and additional wide ranging rock chip sampling. The petrology and geochemistry of samples from these holes and rock chips will be reviewed by Professor Collerson and preliminary findings will be released in mid December 2010.

This is an exciting project for Orion and we delighted to have Professor Collerson advising the Killi Killi Project Team.



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