

FRONTIER RARE EARTHS – ANALYST COVERAGE

Cormark Securities Inc. commences coverage of Frontier Rare Earths

September 13, 2011

Toronto, Ontario: Frontier Rare Earths Limited (TSX: FRO) (TSX: FRO.WT) (“Frontier” or “the Company”) is pleased to announce Edward Otto, research analyst at Cormark Securities Inc (“Cormark”), launched coverage today on Frontier as part of a larger overview of the rare earths market. More information is available via eotto@cormark.com.

Frontier does not recommend nor endorse Cormark’s research.

About Frontier Rare Earths Limited (TSX: FRO) (TSX: FRO.WT)

Frontier Rare Earths Limited (www.frontierrareearths.com) is a mineral exploration and development company exclusively focused on the development of rare earths projects in Southern Africa. Frontier’s flagship asset is the Zandkopsdrift rare earth project (95% economic interest held), which is located in the Northern Cape Province of South Africa and is one of the largest undeveloped rare earth deposits worldwide. After Molycorp’s Mountain Pass and Lynas’ Mount Weld projects, the Zandkopsdrift B Zone has the highest TREO⁽¹⁾ grade and the highest grade of high value HREOs⁽²⁾ of significant advanced deposits⁽³⁾ outside China. Zandkopsdrift’s favourable location is expected to provide significant advantages in relation to capital costs, operating costs and development time compared to other rare earth projects currently being evaluated, and makes it well positioned to become one of the first significant new producers of rare earths outside China after Molycorp and Lynas. In July 2011, Frontier announced a major strategic partnership agreement with Korea Resource Corporation (www.kores.or.kr) in relation to the development of the Zandkopsdrift rare earth project.

Frontier filed a NI 43-101 report on Zandkopsdrift in October 2010, which included a resource estimate of circa 43m tonnes at an average grade of 2.2% containing 950,000 tonnes TREO applying a 1% cut-off, of which 56% is in the Indicated Resource category. Frontier is well funded with approximately \$46m cash and no debt and this strong working capital position will finance the proposed work programme of the Company and the expected completion of a Preliminary Economic Assessment, Preliminary Feasibility Study and Definitive Feasibility Study on Zandkopsdrift. Frontier plans to commence production of rare earths at Zandkopsdrift in 2015 at a rate of 20,000 tonnes per annum. Frontier is listed on the main board of the Toronto Stock Exchange and currently has 89,562,781 shares outstanding.

Notes:

(1) TREO = total rare earth oxides and includes the elements lanthanum to lutetium expressed as trivalent oxides

(2) HREOs = heavy rare earth oxides; high value HREOs are Europium, Terbium and Dysprosium

(3) Significant advanced deposits are those with >200,000 tonnes TREO under SAMREC, JORC, CIM or equivalent international codes