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ASX Limited
Company Announcements Office
Announcement

16th May 2014

Swit Kia Gold Prospect Assay Results Now Due Late Next Week (Pending gold assay confirmations due to interference from high associated arsenic)

Frontier Resources Ltd announces that gold assay results from the program announced April 1st 2014, exploring for high grade gold mineralisation at the Swit Kia Prospect (formerly Suguma Prospect), Papua New Guinea, will be delayed until late next week.

Frontier is seeking clarification of the tenor of gold assays in 52 samples, due to possible interference from high associated levels of arsenic.

Chairman/ Managing Director Peter McNeil M.Sc. commented:

The Jackhammer exploration and sampling program I recently supervised /finalised at EL 1595 - Bulago in PNG determined the location of megascopic on-surface mineralisation with significant brecciation and silicification of host rocks.

High levels of arsenic in a rock can cause interference with the associated gold analysis (if carried out by fire assay/AAS methods), so Frontier completed an initial evaluation of 17 samples by gravimetric methods and now needs to process an additional 52 samples using that technique.

I am confident Frontier has located significant gold mineralisation at Swit Kia and one of our smaller five diamond core drilling rigs is being organised for shipping. Frontier will continue to attempt to demonstrate the dimensions of the high grade gold mineralisation at the Swit Kia Prospect when logistically possible and subject to completing a modest capital raising.

Comprehensive historic exploration information regarding Bulago was released to the ASX on 9/5/14, 1/4/14, 21/12/12, 18/10/12, 24/5/12, 17/5/12, 27/4/12, 28/2/11, 11/1/11, 15/1/10, 23/11/09, 11/9/09 & 2/9/2008 and for additional information relating to Frontier please visit our website at www.frontierresources.com.au.

FRONTIER RESOURCES LTD

P.A. McNeil, M.Sc., MAIG
Chairman and Managing Director

Competent Person Statement:

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by, or compiled under the supervision of Peter A. McNeil - Member of the Aust. Inst. of Geoscientists. Peter McNeil is the Managing Director of Frontier Resources, who consults to the Company. Peter McNeil has sufficient experience which is relevant to the type of mineralisation and type of deposit under consideration to qualify as Competent Person as defined in the 2012 Edition of the Australasian Code of Reporting Exploration Results, Mineral Resources and Ore Resources. Peter McNeil consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

Frontier Resources Ltd Exploration Licence Information								
	Licence No.	Date From	Date To	Ownership	"Reduced" Area (SQ KM)	Latitudinal Sub Blocks	Current Area (SQ KM)	Latitudinal Sub Blocks
Bulago River	EL 1595	7/07/2012	6/7/2014	100% Frontier Gold PNG Ltd	100	30	140	42
Mt Andewa	EL 1345	13/08/2012	12/8/2014	100% Frontier Copper PNG Ltd	100	30	117	35
Mt Likuruanga	EL 1351	13/08/2012	12/8/2014	100% Frontier Copper PNG Ltd	100	30	123	37
East New Britain	EL 1592	21/03/2013	20/3/2015	100% Frontier Copper PNG Ltd	100	30	493	148
Central New Britain	EL 1598	21/03/2013	20/3/2015	100% Frontier Copper PNG Ltd	100	30	347	104
Leonard Schultz	EL 1597	13/02/2013	12/2/2015	10% Deferred Carried to BFS Frontier - Torque Mining Ltd JV - FrontRunner Exploration Ltd JV	To be relinquished	47	590	177
Cethana	EL 29/2009	13/09/2010	12/09/2015	10% Free Carried to BFS Frontier - Torque Mining Ltd JV	109		109	NA
River Lea	EL 42/2010	3/04/2011	2/04/2016	10% Free Carried to BFS Frontier - Torque Mining Ltd JV	9		9	NA
Narrawa Creek	RL 3/2005	12/05/2006	12/05/2014	10% Free Carried to BFS Frontier - Torque Mining Ltd JV	2.8		2.8	NA
Stormont Mine	ML 1/2013	3/11/2013	13/08/2018	5% Nett Profits Interest Frontier - Torque/BCD Mining Ltd JV	0.13		0.13	NA
Total Reduced PNG Area = 500 SQ KM					621	SQ KM	1,931	SQ KM

NB: 1. The Papua New Guinea Mining Act of 1992 stipulates that ELs are granted for renewable 2 year Terms (subject to Work and Financial Commitments)
2. The PNG Government maintains the right to purchase up to 30% project equity at "Sunk Cost" if/when a Mining Lease is granted.
3. BFS = Completion of a positive and hence "Bankable" Feasibility Study into the viability of any proposed mining operation