

ASX ANNOUNCEMENT
16 May, 2007

Promising Surface Gold Results, Denison Goldfield

Lefroy Resources Limited (ASX: LEF) is pleased to announce results from a shallow trenching programme at the Company's 100% owned Denison Goldfield, located 70km east of the Lefroy Goldfield, NE Tasmania.

The Company recently completed trench sampling of an extensive (800m x 120m) 25ppb Au gold in soil anomaly at the Denison Project Area. Best results include:

Results of Trench Sampling – Denison Project Area							
Trench ID	East	North	Dip/Azm	From	To	Interval	Au g/t
DTR001	526553	5445917	0/121	30	36	6	2.13
DTR004	526570	5446221	5/113	78	120	42	2.10
DTR005	526581	5446156	7/111	36	38	2	1.48
				48	49	1	1.47
				63	69	6	1.34
DTR006	526581	5446156	4/1.67	62	108	46	1.36

*Coordinates in GDA 94, UTM Zone 55 grid system

**Cut off grade 1.00g/t, max 3m consecutive internal dilution

**Analysis by repeat fire assay

Geological evidence and literature reviews suggest north-east Tasmania is highly prospective for orogenic sediment-hosted disseminated gold, similar to those being exploited at Fosterville in central Victoria.

These results represent the Company's first efforts to review these targets, and several untested extensions of the Denison anomaly have been identified including a second parallel geochemical anomaly 500m west of the Denison Prospect.

This anomaly and other targets remain untested, and the results presented here are still being evaluated by the Company.

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The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by John Canaris who is a Member of the Australian Institute of Geoscientists. John Canaris is a full-time employee of the Company. John Canaris has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". John Canaris consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.