



ASX Code: **TRF**

Ian Finch

Managing Director

Neil McKay

Director

Mark Le Grange

Director

Allan Trench

Director

SHARE REGISTRY

**Advanced Share Registry
Services**

150 Stirling Highway
Nedlands WA 6009

T: +61 (08) 9389 8033
F: +61 (08) 9389 7871

REGISTERED OFFICE

Level 2, 679 Murray St
West Perth, WA, 6005

P: +61 (08) 9485 1040
F: +61 (08) 9485 1050

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New High Grade Tin and Uranium intersections at Zealous Prospect

Highlights

- ☛ **Tin horizon extended to over 200m of strike length**
- ☛ **Latest intercepts include:**
 - **1m @ 1.1% Tin from 103m in hole 13ZLRC005** within an intersection of **3m @ 0.75% Tin, 1.22% Zinc and 0.39% Lead**
 - **6m @ 518 ppm Uranium** in hole **13ZLRC004**
 - Intersection widths and grades can be viewed as minima, as considerable sample loss was experienced in all ore zones
- ☛ Three of the six holes drilled in 2013 have now intersected high grade Tin within broader zones of elevated Tin, Lead, Zinc and Uranium.
- ☛ Metallurgical test work confirms Cassiterite as the prevalent tin mineral. Magnetic separation test work underway.
- ☛ Drill programme abandoned due to poor ground conditions in target horizons. A new programme to be designed and commenced as soon as possible
- ☛ Tin remains one of the highest priced metals quoted on London Metal Exchange (LME) - at around \$20,000 / tonne.

Trafford Resources (ASX: TRF) is pleased to announce a new high grade Tin intersection from its ongoing exploration programme at the 100% owned "Zealous" prospect near Kimba in the Northern Eyre Peninsula of South Australia.

Hole 13ZLRC005 returned a minimum of **1m @ 1.1% Tin** within a zone of **3m @ 0.75% Tin*** which also included **1.22% Zinc** and **0.39% Lead**. In addition, hole 13ZLRC004 returned a minimum of **6m @ 518ppm Uranium from 97 metres***

* Considerable core loss was experienced in the ore zones of three of the 6 holes drilled at the prospect.

Trafford's Wilcherry Hill tenements, covering over 2,700 Km², are underlain by

Hiltaba Granites. The Hiltaba Granites have been noted in numerous references as the source of tin mineralisation in South Australia. Trafford owns 100% of the rights to all minerals on the Wilcherry Hill tenements with the exception of Iron - where it has a 20% / 80% Joint Venture with IronClad Mining Limited (ASX : IFE).

To date 3 out of 6 Reverse Circulation Holes (RC) drilled at Zealous in 2013 have intersected greater than one percent Tin (Table 1). All drilling to date confirms the presence of a near surface, broadly mineralised horizon of Tin and Uranium. However, poor sample recovery was experienced in the majority of the holes recently drilled.

Ongoing metallurgical test work on samples from Zealous has confirmed that the Tin is represented by Cassiterite (SnO₂). Cassiterite is magnetic and the primary ore mineral for Tin and is often easily concentrated through simple metallurgical processes that do not require fine grinding. Test work is continuing on the production of a tin concentrate by means of simple magnetic separation.

While zones of highly anomalous Tin were returned in laboratory assays, drilling conditions at the prospect were extremely difficult resulting in mineralised zones probably being contaminated with surrounding host rock, causing grade dilution. For example - there was no sample recovery at all before the 1.1% Tin intersection in hole 13ZLRC005 - within a 13m wide anomalous Tin zone which ended due to poor drilling conditions still in mineralisation.

The Company is very encouraged by the extent and geometric symmetry of the anomalous zones intercepted. However, the poor drill recovery has meant that a new approach to the drilling of this very important horizon is required. It is planned to re-drill Zealous as soon as possible.

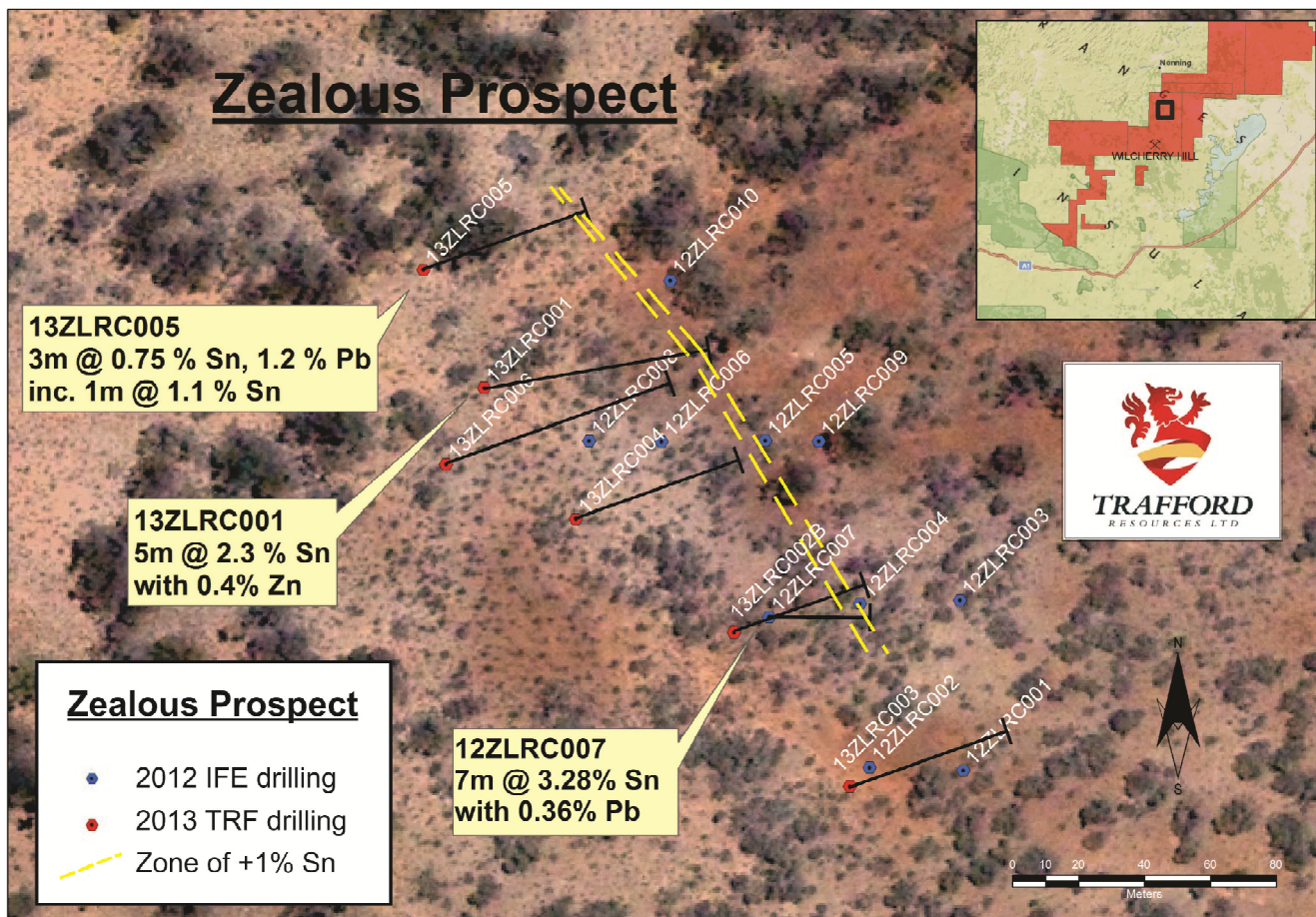


Figure 1: Plan map of Zealous prospect showing significant assay results from drilling


Table 1: Significant Intercepts from drilling at Zealous Prospect, Wilcherry Hill, South Australia

Hole ID	Depth From (m)	Depth To (m)	Intercept Width (m)	Sn (%)	Pb (%)	Zn (%)	U (ppm)
13ZLRC002B	45	51	6	0.078	1.555	0.012	24
and	48	84 (EOH)	36	0.113	0.355	0.068	60
incl	78	83	5	0.208	0.232	0.074	89
13ZLRC003	49	61	12*	0.017	0.391	0.203	90
incl	54	57	3**	0.021	0.465	0.519	180
13ZLRC004	74	85	11**	0.059	0.888	0.009	35
incl	74	78	4	0.083	1.186	0.007	37
and	87	91	4**	0.084	0.553	0.133	90
and	97	103	6**	0.049	0.177	0.429	518
13ZLRC005	46	64	18	0.003	1.010	0.009	18
	103	106 (EOH)	3**	0.751	1.222	0.392	50
incl	103	104	1**	1.130	0.747	0.322	39
13ZLRC006	129	144 (EOH)	15	0.085	1.326	0.165	86

* = Includes sample with no recovery, average calculated by giving that sample nil value

** = Interval starts after no recovery or ends prior to no recovery interval

New tin mines being targeted for production have an average grade in the order of 0.5% tin for open pits and 1% for underground operations. Tin is currently one of the highest priced metals amongst the mainstream London Metal Exchange (LME) at a prevailing price of around \$20,000 / tonne. For comparative purposes, the next highest-priced LME mainstream metal is nickel, with a current price in the order of US\$15,000 per tonne. Furthermore, the concentrate off take terms for Tin are amongst the most attractive of the LME metals (more favorable than for nickel for example), which further adds weight to the importance of the high-grade nature of the Tin discovery at the Zealous Prospect.



Ian Finch

Managing Director

Trafford Resources Limited

Competent person statement:

The information in this announcement that relates to Exploration Results is based on information compiled by Ian D. Finch, who is a Member of The Australasian Institute of Mining and Metallurgy and who has more than five years' experience in the field of activity being reported on. Mr Finch is the Managing Director of the company.

Mr. Finch 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'. Mr Finch consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Table 2: Co-ordinates of holes included in this report

Hole ID	Easting	Northing	Depth (m)	Dip	Azimuth
12ZLRC007	642600	6386044	63	-60	90
13ZLRC001	642528	6383114	138	-60	80
13ZLRC002B	642591	6386039	84	-60	70
13ZLRC003	642620	6385992	102	-60	70
13ZLRC004	642551	6386074	106	-60	70
13ZLRC005	642513	6386150	106	-60	70
13ZLRC006	642518	6386091	144	-60	70