



ASX Code: **TRF**

**Ian Finch**

Managing Director

**Neil McKay**

Director

**Mark Le Grange**

Director

**Allan Trench**

Director

**SHARE REGISTRY**

**Advanced Share Registry Services**

110 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

30<sup>th</sup> January, 2015

*Quarterly Report 31<sup>st</sup> December 2014*

*Activity Highlights for the quarter include:*

**Trafford Resources Ltd and IronClad Mining Ltd to Merge:**

- Cleaner ownership structure of all Wilcherry Hill assets
- Broader commodity exposure
- Significantly lower administration costs
- Consolidated technical and corporate team
- Improvement in liquidity
- Ironclad to issue one new listed Ironclad option for each listed Trafford option on issue

**Exploration**

- Exploration was confined to In house technical studies and research, pending the outcome of the proposed merger.

**Investments**

- Exceptional gold grades continue to be encountered in Orinoco Gold's Cascavel exploration decline. Recent high grade zone = **15m at 88g/t gold**
- Trafford holds 8.9% direct equity interest in Orinoco Gold Limited.

**Exploration – South Australia**

**Wilcherry Hill – An Emerging Polymetallic Mineral Province**

The Wilcherry Hill Project in the Northern Eyre Peninsula of South Australia, was initially comprised of four Exploration Licenses, covering 976 km<sup>2</sup> and Trafford has since increased its footprint in the area to a total of 2,692km<sup>2</sup> through the addition of the following tenements; Mount Double (EL4443), Mount Miccollo (EL4748), Pinkawillinie (EL4870), Reid Lookout (EL4945) and Siam (EL4946). This has allowed Trafford to be well positioned to capture the future economic potential of the region.

---

## Wilcherry Hill Project – Exploration

During the quarter, Trafford Resources reviewed recent drilling results with a view to identifying future drill targets. Surface samples, previously collected from a sub-crop above the Zealous prospect were submitted for analysis. They returned elevated tin and base metal values with a highlight of **0.62% Sn, 0.84% Pb and 0.44% Zn**. Samples of core were also collected from the Zealous diamond hole and are currently awaiting metallurgical and petrographical analysis.

## Corporate

### IronClad Mining Limited to Merge with Trafford Resources

Trafford Resources and IronClad Mining announced that a Merger Implementation Agreement (MIA) was executed in pursuant to which IronClad intends to acquire all of the issued shares in Trafford under a Scheme of Arrangement. Under this scheme IronClad will offer one IronClad share for every Trafford share which will result in IronClad issuing an additional 128,653,062 shares.

The merger will consolidate ownership of the Wilcherry Hill Project which will have major cost saving effects in both the administrative and technical sides of both companies. The merger has been unanimously recommended by the independent Trafford Directors, Dr Allan Trench and Mr Mark Le Grange who have also agreed to vote in favour of the merger in respect of all shares they control - in the absence of a superior proposal, and subject to an independent expert concluding that the Scheme is in the best interests of the Trafford shareholders.

Mr Ian Finch and Mr Neil McKay did not participate in the Trafford Board deliberations since they are also directors of IronClad.

## Investments

### Orinoco Gold – Low Cost Development to commence at Cascavel

In October Orinoco announced results from the advancing exploration decline. The current high grade zone was expanded to **15m at an average grade of 88g/t gold** with individual panel samples assaying up to **239g/t gold** (approximately 7.7 ounces / tonne gold). This high grade zone is one of several being tested by the exploration decline and one of many interpreted to be in the Cascavel area. This area continues to demonstrate its potential to host a high grade, low cost gold operation. These results add to previously reported bonanza gold results of up to **842g/t gold** from the Cascavel decline.

While exportation continues to identify areas for future expansion, in November Orinoco gave details on its plans for development of the Cascavel Gold Project in central Brazil. The new development strategy is based on independently establishing an initial ~40,000tpa gravity circuit, currently planned to be located on the Company's existing Mining Lease. The mine plan will focus on small portion of Cascavel and Mestre areas (250mx200m). Metallurgical test work indicates that gold recoveries of 80-94% can be expected from a simple gravity circuit. The company's current extraction permit allows underground mining and an application has been made for a mining lease that will facilitate future open pit mining.

Trafford holds approximately 8.9% direct equity interest in Orinoco.



Figure 1: Area of initial mining at Cascavel. Plan view

*Ian Finch*

Ian Finch  
Managing Director

Tel: 08 9485 1040

Trafford Resources Limited (TRF) is a Perth-based mineral exploration company which has been listed on the ASX since June 2006. Trafford's primary focus is exploring for Iron Oxide/Copper/Gold/Uranium (IOCGU) deposits in South Australia's Gawler Craton.

**Disclosure statement**

**Competent person statement:**

The information in this announcement that relates to results is based on information compiled by Mark Le Grange, 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 and is the Exploration Director of the Company.

Mr. Le Grange has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Le Grange consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

**Disclaimer**

This report contains certain forward-looking statements. The words 'anticipate', 'believe', 'expect', 'project', 'forecast', 'estimate', 'likely', 'intend', 'should', 'could', 'may', 'target', 'plan' and other similar expressions are intended to identify forward-looking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements.

Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Trafford, and its officers, employees, agents and associates, that may cause actual results to differ materially from those expressed or implied in such statements.

Actual results, performance or outcomes may differ materially from any projections and forward-looking statements and the assumptions on which those assumptions are based.

You should not place undue reliance on forward-looking statements and neither Trafford nor any of its directors, employees, servants or agents assumes any obligation to update such information.

## Appendix 1: Australian Mining Tenements as at 31 December 2014

### Interests in mining tenements relinquished, reduced or lapsed during the quarter

EL4443 Mt Double North and E59/1910 of the Twin Peaks Project was relinquished during the December Quarter.

### Interests in mining tenements acquired or increased during the quarter

ELs 5510, 5551 and 5526 were granted during the December Quarter.

### Interests in mining tenements at the end of the quarter

South Australia Tenement Schedule			
Exploration License No	Tenement Name	Registered Holder	Beneficial Interest %
4286	Valley Dam	Trafford Resources Limited	100%
5299	Wilcherry Hill	Trafford Resources Limited	100%
5164	Eurilla Dam	Trafford Resources Limited	100%
4421	Peterlumbo	Trafford Resources Limited	100%
4748	Mt Miccollo	Trafford Resources Limited	100%
4870	Pinkawillinie	Trafford Resources Limited	100%
4945	Reid Lookout	Trafford Resources Limited	100%
4946	Siam	Trafford Resources Limited	100%
4942	Irira Outstation (Jumbuck)	Trafford Resources Limited	100%
4943	Garford Outstation West	Trafford Resources Limited	100%
4944	Garford Outstation East	Trafford Resources Limited	100%
5098	Wildingi Claypen	Trafford Resources Limited	100%
5018	Tallaringa	Trafford Resources Limited	100%
5168	Indooroopilly	Trafford Resources Limited	100%
5282	Hilga Crutching Shed	Trafford Resources Limited	100%
5283	Mt Christie	Trafford Resources Limited	100%
5460	Mt Christie Siding	Trafford Resources Limited	100%
5284	Commonwealth Hill	Trafford Resources Limited	100%
5285	Ingomar	Trafford Resources Limited	100%
4465	Isthmus	Trafford Resources Limited	100%
5510	Mathews Tank	Trafford Resources Limited	100%
5551	Brickies - Wynbring	Trafford Resources Limited	100%
5526	Galaxy Tank	Trafford Resources Limited	100%
6390	Wilcherry Hill	IronClad Mining Limited	20% of iron ore
5183	Campfire Bore	Challenger Gold Operations Pty Ltd, Coombedown Resources Pty Ltd	51% rights to the gold
5298	Mulgathing	Challenger Gold Operations Pty Ltd	51% rights to the gold
4577	Sandstone JV	Challenger Gold Operations Pty Ltd, Coombedown Resources Pty Ltd	51% rights to the gold
4468	Jumbuck	Challenger Gold Operations Pty Ltd	51% rights to the gold
4532	Mobella	Challenger Gold Operations Pty Ltd	51% rights to the gold

4644	Sandstone	Challenger Gold Operations Pty Ltd	51% rights to the gold
4951	Blowout	Challenger Gold Operations Pty Ltd	51% rights to the gold

<b>Western Australia Tenement Schedule</b>			
<b>Exploration License No</b>	<b>Tenement Name</b>	<b>Registered Holder</b>	<b>Beneficial Interest %</b>
E45/2375	Lynas Find	Trafford Resources Limited	80% rights to the gold
P45/2628	Lynas Find	Trafford Resources Limited	100%
P45/2629	Lynas Find	Trafford Resources Limited	100%
P45/2764	Lynas Find	Trafford Resources Limited	100%
P45/2765	Lynas Find	Trafford Resources Limited	100%
P45/2766	Lynas Find	Trafford Resources Limited	100%
P45/2767	Lynas Find	Trafford Resources Limited	100%
P45/2768	Lynas Find	Trafford Resources Limited	100%
P45/2769	Lynas Find	Trafford Resources Limited	100%
P45/2770	Lynas Find	Trafford Resources Limited	100%
P45/2771	Lynas Find	Trafford Resources Limited	100%
P45/2772	Lynas Find	Trafford Resources Limited	100%
P45/2773	Lynas Find	Trafford Resources Limited	100%
E59/1982	Twin Peaks	Trafford Resources Limited	100%
E59/1182	Twin Peaks	Jabiru Metals	51% rights to iron ore
E59/1183	Twin Peaks	Jabiru Metals	51% rights to iron ore

\* P Prospecting License

E Exploration License