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# Large Manganese Potential at Trafford's 100% Wilcherry Hill Project

- Potential economic mining widths of Manganese (Mn) intersected at Hercules
- 23m @ 22.12% Mn from 52m including 7m @ 28.93% Mn and 4m @ 29.02% Mn
- 7m @ 20.23% Mn from 55m
- Drilling extends previously known Manganese zones to over 9km strike length and highlights the potential to significantly increase the previously discovered Mn resource at Hercules
- Outcropping Manganese at Pier Prospect 31.4% indicating potential high priority exploration drill targets.

Recent drilling at the Hercules Prospect at Trafford's 100% owned Wilcherry Hill project in South Australia by IronClad Mining Limited (ASX:IFE) was aimed at near surface Direct Shipping Hematite Iron (Fe). The drilling intersected 23m @ 22% Manganese (Mn) from 55 metres. This intersection also includes 7m @ 28% Mn and 4m @ 29% Mn. A second hole intersected 7m @ 20% Mn from 55 metres.

In 2013 a total 29 holes were drilled for 2198m with most holes being completed around 80m depth. Manganese (Mn) highlights for both the 2013 and the earlier 2008 drilling are summarised in Table 1. Detailed information including hole locations, significant strip logs and cross sections of the 2013 Ironclad Mining drilling are included in appendices 1, 2 and 3

Drilling at Hercules in 2008 estimated a JORC Compliant inferred resource of Manganese of 8.75Mt @ 10.01% Mn (with 35% Fe). Details of the Ironclad Hercules inferred resource were released to the ASX on the 22<sup>nd</sup> of December 2008.

The recent drilling, combined with the 2008 results from the southern portion of Hercules, shows the potential for continuity of manganese mineralisation along the entire 6km strike length of Hercules along with the new discovery of mineralisation in the 3km long eastern flank.

The current 8.75Mt inferred resource is derived from drilling a 1.5km strike length. The total strike length of Hercules is 6km with the Eastern Limb at 3km, giving a total of 9km strike.





OM Holdings (ASX"OMH) has demonstrated at Bootu Creek, Northern Territory that a 22% resource grade can be beneficiated to a saleable 36-37% Mn product Metallurgical test work will be needed to determine ore characteristics for beneficiation options. Beneficiation can be done with Heavy Medium Separation or via a Gravity Circuit, such as the one IFE may utilise to recover Hematite Iron at Hercules.

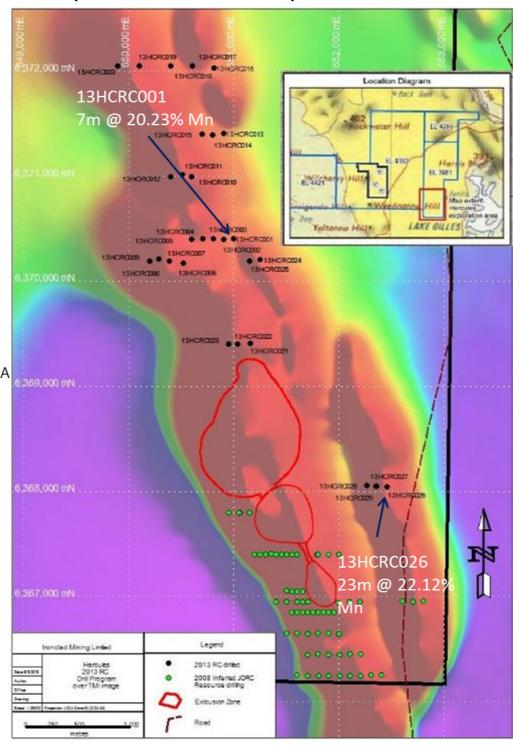


Figure 1: Hercules Drilling by IronClad Mining at Hercules over TMI Image



Table 1: Significant Manganese intersections from 2013 and 2008 drilling

Hole ID	From (m)	To (m)	Interval (m)	Mn%	Fe%
13HCRC001	22	28	6	16.41	17.8
13HCRC001	55	62	7	20.23	12.19
13HCRC026	0	6	6	12.05	17.26
13HCRC026	31	36	5	13.56	17.49
13HCRC026	55	78	23	22.12	18.69
inc	56	60	4	29.02	18.91
and	70	77	7	28.93	17.27
08HCRC035	14	18	4	16.40	28.15
08HCRC035	22	36	14	17.57	31.46
08HCRC047	24	36	12	16.67	30.08
08HCRC048	32	40	8	21.60	32.08
incl	34	38	4	28.80	26.55
08HCRC062	28	32	4	29.45	24.30

## **Pier Prospect – Further Exciting Manganese Potential**

The Pier Prospect is contained within the Company's 100% owned Eurilla Dam EL 3981 tenement on the Eyre Peninsula of South Australia (Figure 1). Field work revealed the potential for the Pier Prospect's to add to the Hercules Mn inferred resource. A total of five rock samples returned high grade manganese values ranging from 15.5% to 31.4% manganese with associated elevated iron values ranging from 13.8% to 35.6% iron (Table 2). The manganese rich rock samples were taken along an east-west striking low outcropping ridge over an approximate distance of 4 kilometres.

Regional aeromagnetics indicate this east-west striking trend may extend further into the contiguous Lincoln Minerals (ASX:LML) Uno manganese prospect, where they have reported results of up to 66% Manganese Oxide (MnO) and associated 61% Iron Hematite (Fe2O3) from outcropping gossans (see Lincoln Minerals ASX release, 27 July 2011). Monax Mining (ASX:MOX) has also recently discovered manganese projects on the Eyre Peninsula.



Table 2: Results from Trafford grab samples at the Pier Prospect.

Sample	Easting	Northing	Mn (%)	Fe (%)
NPI001	649679	6379837	31.4	14.8
NPI003	649679	6379837	20.8	13.8
NPI004	650304	6379238	19.7	35.6
NPI005	652255	6378590	20.4	24.6
NPI007	653178	6378658	15.5	24.6

Ian Finch

Managing Director

#### **Trafford Resources Limited**

#### Competent person statement:

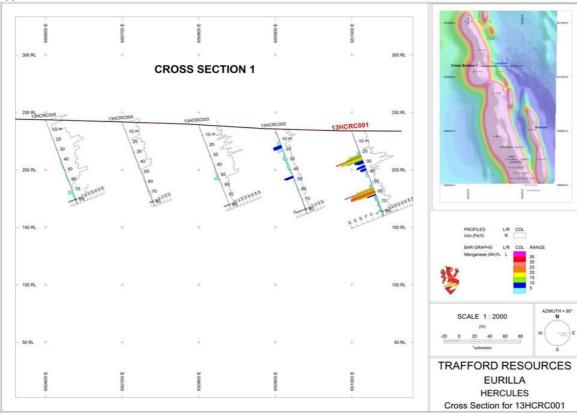
The information in this announcement that relates to Exploration Results is based on information compiled by Ian D. Finch, who is a Member of The Australasian Institute of Mining and Metallurgy and who has more than five years' experience in the field of activity being reported on. Mr Finch is the Managing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

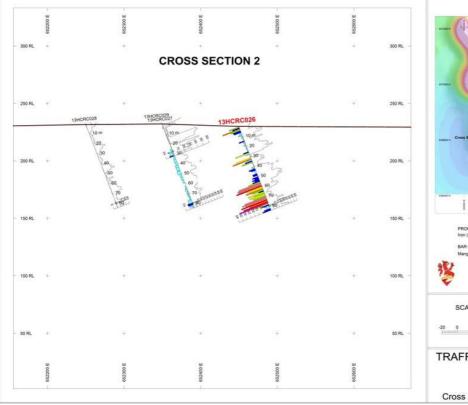
Mr Finch has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral 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.

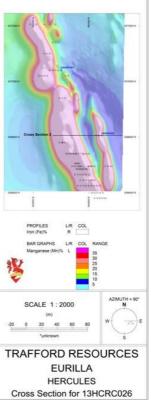








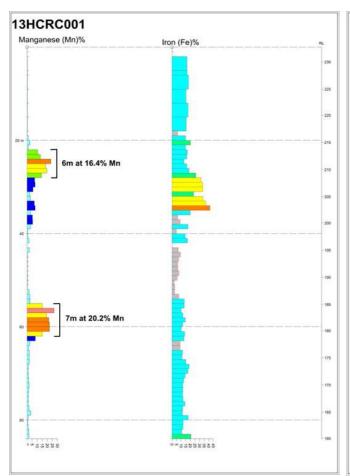


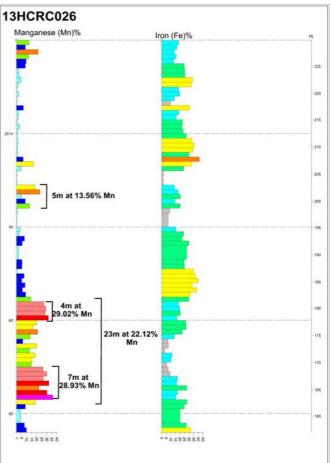






## Appendix 2: Strip logs of holes 13HCRC001 and 13HCRC026









Appendix 3: Locality information for IronClad 2013 Hercules Drilling

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Hole ID	NORTHING	EASTING	ELEVATION	END OF Hole (m)
13HCRC001	6370400.0	651000.0	232.7	84
13HCRC002	6370400.0	650900.0	234.7	84
13HCRC003	6370405.0	650800.0	238.5	84
13HCRC004	6370400.0	650700.0	241.1	84
13HCRC005	6370400.0	650600.0	243.2	84
13HCRC006	6370200.0	650500.0	239.3	78
13HCRC007	6370200.0	650400.0	241.2	75
13HCRC008	6370200.0	650300.0	242.9	84
13HCRC009	6370200.0	650200.0	239.3	84
13HCRC010	6371000.0	650600.0	228.4	84
13HCRC011	6371000.0	650500.0	228.9	84
13HCRC012	6371000.0	650400.0	228.6	82
13HCRC013	6371400.0	650900.0	221.0	84
13HCRC014	6371400.0	650800.0	224.2	78
13HCRC015	6371400.0	650700.0	224.7	84
13HCRC016	6372050.0	650800.0	220.2	78
13HCRC017	6372050.0	650600.0	218.1	60
13HCRC018	6372050.0	650400.0	219.3	84
13HCRC019	6372050.0	650100.0	221.3	78
13HCRC020	6372050.0	649900.0	219.9	78
13HCRC021	6369400.0	651150.0	248.8	84
13HCRC022	6369400.0	651050.0	246.8	138
13HCRC023	6369400.0	650950.0	244.0	84
13HCRC024	6370200.0	651250.0	234.2	77
13HCRC025	6370200.0	651150.0	234.2	84
13HCRC026	6368050.0	652450.0	229.8	84
13HCRC027	6368050.0	652350.0	232.0	32
13HCRC028	6368050.0	652250.0	232.0	84
13HCRC029	6368050.0	652350.0	232.0	84