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TWIN PEAKS DRILLING DEFINES NEW HIGH GRADE HEMATITE PROSPECT



Additional Direct Shipping Ore (DSO) Hematite Defined at Woolbung Peak Prospect

- **22m @ 65.4 % Fe from 62m including 6m @ 68.2% Fe in Hole 13TPRC015**
- **10m @ 50.7% Fe from 80m and 3m @ 64.85% Fe from 100m in Hole 13TPRC012**
- **High Grade Hematite DSO Now Demonstrated to 145m Depth**
- **Very Low Impurities.**



Strong Potential for Channel Iron Deposits (CIDs) within Twin Peaks Drainage System Indicated.

- **5m @ 35.05% Fe from 21m in 13TPRC045**
- **4m @ 37.88% Fe from 29m in 13TPRC048**
- **Simple upgrade methods to be tested**



Economic potential at “Big Lunch” and “Pleiades” Prospects Indicated by Excellent Hematite / limonite and Magnetite Intersections

- **18m @ 47.20% Fe from 5m including 5m @ 51.05% in 13TPRC024**
- **24m @ 49.72% Fe from 12m including 16m @ 54.51% Fe in 13TPRC026**
- **21m @ 44.78% Fe from 123m in 13TPRC017**
- **47m @ 35.24% magnetite Fe from 72m including 6m @ 43.79% Fe in 13TPRC018**

Trafford Resources Limited (TRF: ASX) is pleased to announce the full results of its maiden 5076m drilling program at its Twin Peaks Project in the Murchison Region of, Western Australia.

Following the initial results reported on the 13th of February 2013, further high grade DSO hematite intersections have been returned from the Woolbung Peak Prospect.

Continuous DSO hematite has been proven from surface to a depth of 145m. All DSO intersections contain very low impurities and indicate a deposit capable of producing a premium product. The style of mineralisation and continuous nature of the DSO hematite intersected at Woolbung Peak is similar to Mt Gibson's Talling Peak operation located just 60km's south of Twin Peaks.

Iron was intersected at all other drilled prospects within the larger Twin Peaks project area. First pass drilling has demonstrated a variety of iron ore occurrences and styles including the high grade DSO hematite capable of supporting a low strip ratio, open cut mine at Woolbung Peak,

The CID prospects also indicate the potential for shallow, low cost, open cut extraction, Additional open cut potential also exists at the prospects where limonite and magnetite ores were intersected

The Project area is located approximately 200 kilometres North East of Geraldton in Western Australia (Figure 1). The Project is a Joint Venture between Trafford (TRF) and Independence Group (IGO: ASX) whereby Trafford may earn up to an 80% equity in the iron ore rights by expending \$5M over 5 years

All assay results have now been received from the first pass Trafford drilling programme, the most significant results are summarised in Table 1.

A total of 52 Reverse Circulation (RC) drill holes for 5076 meters tested 9 out of 15 delineated iron ore prospects (60%) within the Twin Peaks Project area. Most of the Prospect target areas drilled in the first pass programme remain open in most directions (Figure 2).

All iron ore prospects will be priority rated and further drill tested, once all statutory approvals have been obtained.

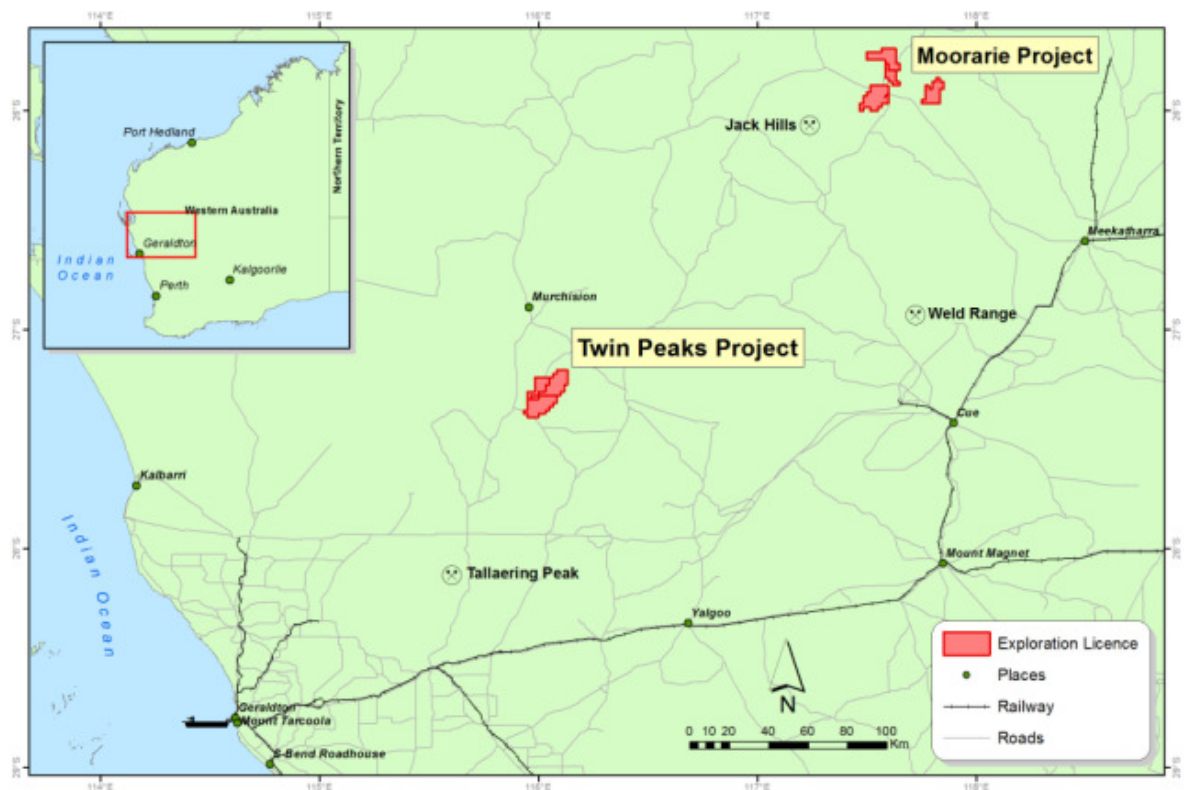


Figure 1: Location of Twin Peaks and Moorarie Project Areas

Woolbung Peak

Drilling results from Woolbung Peak show thickened sections of high grade hematite within a large scale fold closure area. The hematite is continuous from surface to 145m depth demonstrating the down dip and open cut potential

Recently received assays show significant hematite intersections of **22m @ 65.35% Fe from 62m (including 6m @ 68.20% Fe)** in 13TPRC015, **10m @ 50.67% Fe from 80m** and **3m @ 64.85% Fe from 100m** in hole 13TPRC012 and **6m @ 55.11% Fe from 58m** and **2m @ 56.00% Fe from 118m** in hole 13TPRC052.

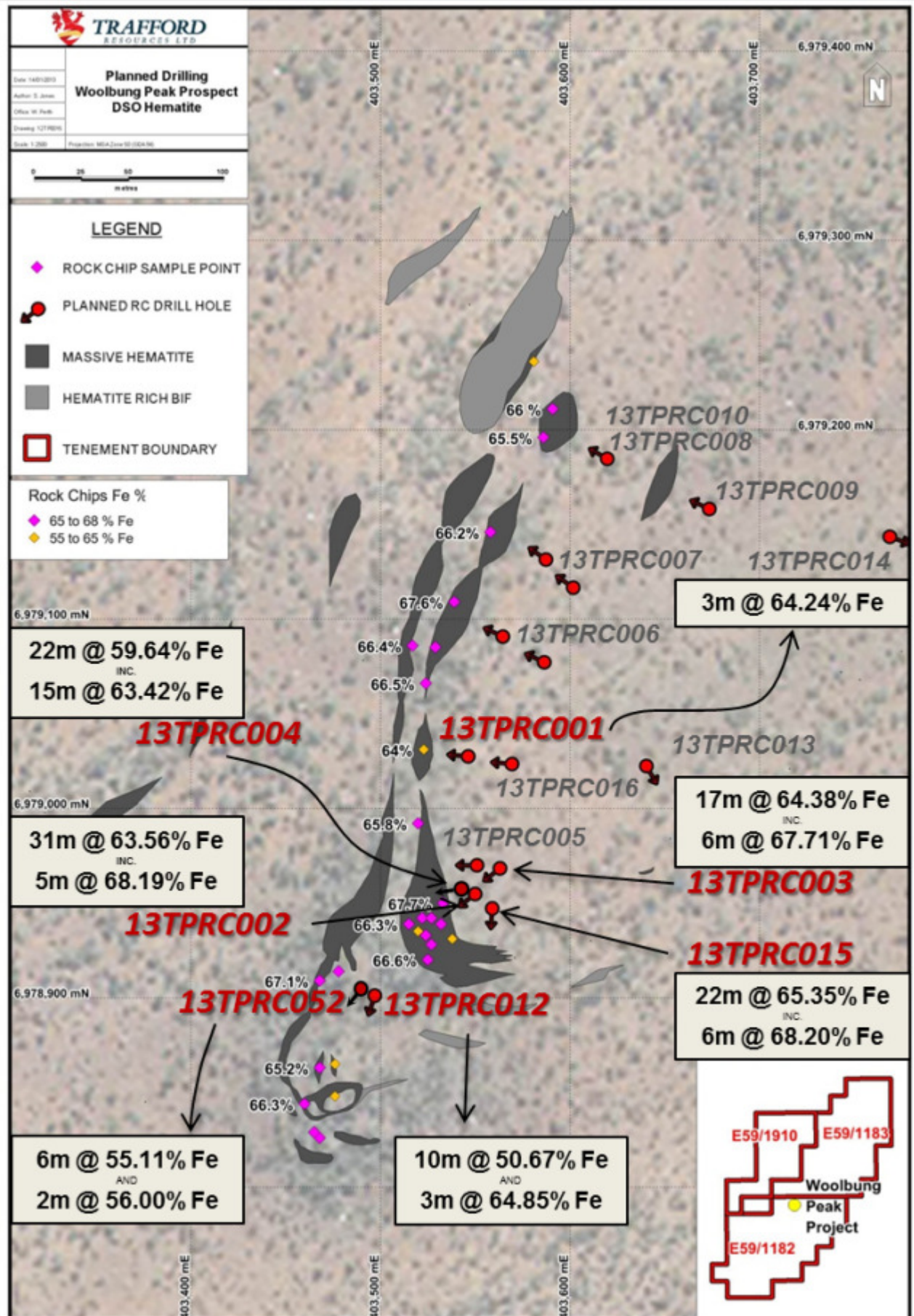


Figure 2: Detailed outcrop map of Woolbung peak indicating hole positions and significant intersections

Channel Iron Deposits (CIDs)

First pass drilling across 2 CID (Channel Iron Deposit) Prospects intersected iron rich pisoliths below shallow cover sequences.

Encouraging Fe intersections include **5m @ 35.05% Fe from 21m** in 13TPRC045 at East-West CID and **4m @ 37.88% Fe from 29m** in 13TPRC048 at Surprise Extension.

Iron rich pisolitic CID's have been intersected beneath shallow cover sequences (4-5m) and both prospects remain open to the North, South, East and West.

Further drilling is required at all CID Prospects to further investigate their overall geometry, average iron grades and associated impurities.

Test work is proposed to determine how the ore can be beneficiated by simple, conventional metallurgical techniques.

Big Lunch and Pleiades Prospects

First pass drilling at Big Lunch and Pleiades Prospects intersected an oxidized section containing limonite, goethite and hematite overlying primary magnetite at depth. Mineralisation remains open at depth and along strike. These prospects are located in the northern half of the project area and together with these results and a combination of magnetic and gravity interpretation shows potential for large tonnage magnetite deposits common in this region.

Limonite highlights include drill hole 13TPRC26 at Big Lunch with **24m @ 49.72% Fe including 16m @ 54.51% Fe from 12m** and **18m @ 47.20% Fe from 5m including 5m @ 51.05%** in 13TPRC024 and drill hole 13TPRC017 at Pleiades with **38m @ 38.82% Fe including 6m @ 54.08% Fe from 12m**.

Primary magnetite intersections were obtained in the above three prospects. Best intersections at Pleiades were; **36m @ 34.10% Fe from 53m** and **21m @ 44.78% Fe from 123m** in 13TPRC017 and **47m @ 35.24% Fe from 72m including 6m @ 43.79% Fe** and **36m @ 33.40% Fe from 170m** in 13TPRC018. At Big Lunch the best intercept was **21m @ 32.97% Fe from 64m** in hole 13TPRC024. At Billy Tea the best intercepts were **14m @ 34.12% Fe from 40m** in hole 13TRPC028 and **13m @ 34.92% Fe from 61m** in hole 13TPRC029.



Ian Finch

Managing Director

Trafford Resources Limited

Disclosure statement

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.

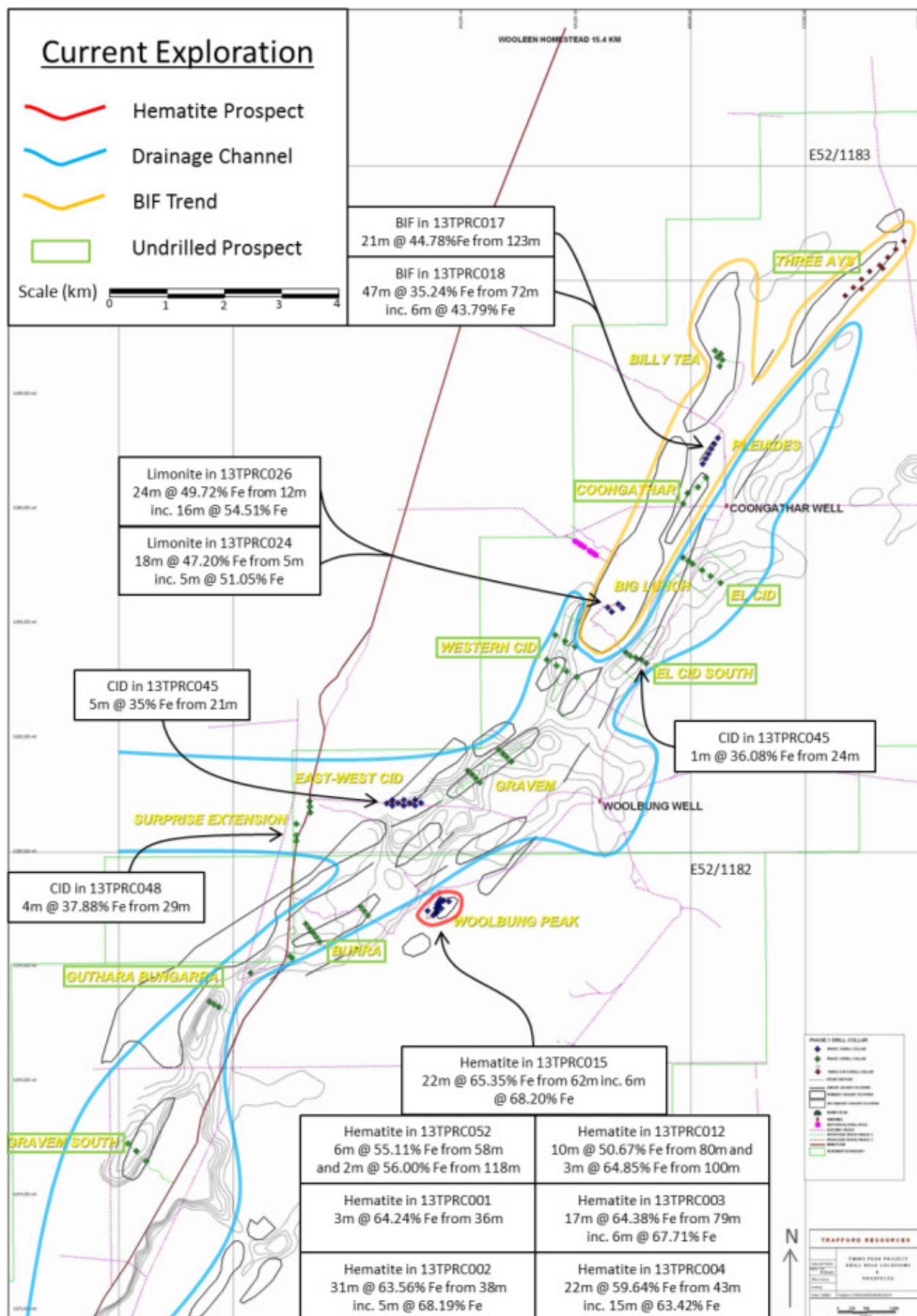


Table 1: Significant Results from Trafford Resources 2013drilling program at Twin Peaks Project

Prospect	Iron Formation	Hole ID	From	To	Interval (m)	Fe%	Al ₂ O ₃	P%	SiO ₂ %	S%	LOI%	Sampling
Woolbung Peak	DSO	13TPRC001	36	39	3	64.24	1.97	0.026	4.24	0.023	1.26	1m
Woolbung Peak	DSO	13TPRC002	38	69	31	63.56	2.75	0.020	4.12	0.005	1.32	1m
		including	45	69	24	66.51	1.58	0.018	2.26	0.005	0.75	1m
		including	57	62	5	68.19	0.77	0.015	1.14	0.006	0.46	1m
Woolbung Peak	DSO	13TPRC003	79	96	17	64.38	2.31	0.018	3.62	0.008	1.07	1m
		including	81	96	15	65.79	1.91	0.018	2.67	0.007	0.86	1m
		including	90	96	6	67.71	1.00	0.016	1.38	0.008	0.50	1m
		13TPRC003	111	130	19	56.93	3.55	0.088	7.16	0.004	2.42	1m
		including	118	123	5	60.56	2.81	0.060	5.45	0.004	1.76	1m
Woolbung Peak	DSO	13TPRC051	141	144	3	52.41	1.30	0.510	7.97	NA	3.82	1m
Woolbung Peak	DSO	13TPRC052	58	64	6	55.13	2.22	0.195	7.89	NA	2.66	1m
	DSO	including	60	62	2	59.07	1.65	0.119	5.32	NA	2.19	1m
	DSO	13TPRC052	118	120	2	56.00	3.75	0.020	8.05	NA	2.36	1m
Woolbung Peak	DSO	13TPRC004	43	65	22	59.64	3.74	0.030	6.16	0.010	2.06	1m
		including	50	65	15	63.42	2.22	0.040	4.17	0.010	1.37	1m
Woolbung Peak	DSO	13TPRC005	66	69	3	60.17	3.46	0.033	5.59	0.008	1.76	1m
Woolbung Peak	DSO	13TPRC006	57	61	4	58.18	3.81	0.023	8.57	0.011	1.93	1m
		including	58	60	2	63.25	2.35	0.022	5.02	0.010	1.21	1m
Woolbung Peak	DSO	13TPRC012	80	90	10	50.67	1.98	0.220	13.18	0.007	2.50	1m
	DSO	13TPRC012	100	103	3	64.85	0.84	0.075	3.46	0.002	0.91	1m
Woolbung Peak	DSO	13TPRC015	62	84	22	65.35	1.79	0.018	2.81	0.008	0.94	1m
	DSO	including	67	73	6	68.20	0.62	0.018	1.16	0.006	0.38	1m
Woolbung Peak	DSO	13TPRC051	141	144	3	52.41	1.30	0.510	7.97	NA	3.82	1m
Woolbung Peak	DSO	13TPRC052	58	64	6	55.13	2.22	0.195	7.89	NA	2.66	1m
	DSO	including	60	62	2	59.07	1.65	0.119	5.32	NA	2.19	1m
	DSO	13TPRC052	118	120	2	56.00	3.75	0.020	8.05	NA	2.36	1m
Pleiades	Limonite	13TPRC017	12	50	38	38.82	8.82	0.037	23.52	0.080	6.15	1m
	Limonite	including	12	18	6	54.08	4.84	0.023	13.03	0.045	4.22	1m
	Limonite	including	22	34	12	41.25	8.17	0.043	21.13	0.010	5.60	1m
	Magnetite	13TPRC017	53	89	36	34.10	1.54	0.081	39.88	1.200	2.98	1m
	Magnetite	13TPRC017	123	144	21	44.78	5.20	0.057	22.03	0.270	2.16	1m
Pleiades	Magnetite	13TPRC018	72	119	47	35.24	1.32	0.088	39.38	0.760	1.83	1m
	Magnetite	including	72	78	6	43.79	2.13	0.088	24.92	0.195	4.17	1m
	Magnetite	13TPRC018	170	206	36	33.40	2.66	0.440	42.88	0.200	1.79	1m
	Magnetite	including	200	206	6	40.52	2.63	0.056	31.85	0.006	2.47	1m
	Magnetite	including	202	205	3	46.07	2.78	0.061	22.91	0.002	3.29	1m
El CID South	CID's	13TPRC019	24	25	1	36.08	10.92	0.133	24.58	0.011	10.81	1m
Big Lunch	Limonite	13TPRC024	5	23	18	47.20	3.08	0.008	23.03	0.005	3.80	1m
	Limonite	including	13	18	5	51.05	3.79	0.008	16.28	0.004	4.16	1m
	Magnetite	13TPRC024	64	85	21	32.97	0.49	0.048	46.92	0.058	0.54	4m
Big Lunch	Limonite	13TPRC026	12	36	24	49.72	6.30	0.033	15.73	0.013	6.04	1m
	Limonite	including	16	32	16	54.51	6.25	0.032	9.32	0.011	5.63	1m
Billy Tea	Magnetite	13TPRC028	40	54	14	34.12	0.81	0.084	44.25	0.350	0.07	4m
Billy Tea	Magnetite	13TPRC029	61	74	13	34.92	0.61	0.064	44.91	0.280	0.29	4m
Billy Tea	Magnetite	13TPRC031	44	52	8	33.98	1.78	0.067	43.57	0.370	0.05	4m
East-West CID	Fe sediments	13TPRC036	30	32	2	35.32	14.35	0.008	21.49	0.020	11.65	1m
East-West CID	CID's	13TPRC039	20	23	3	30.87	22.80	0.011	19.50	0.017	9.38	1m
East-West CID	CID's	13TPRC045	21	26	5	35.05	21.68	0.020	14.98	0.017	9.51	1m
Surprise Extension	CID's	13TPRC048	29	33	4	37.88	14.99	0.031	17.13	NA	11.20	1m
	CID's	including	30	31	1	42.79	11.09	0.026	13.40	NA	12.10	1m

Table 2: Twin Peaks significant drill hole collar information.

Hole ID	Northing (GDA94 Z50)	Easting (GDA94 Z50)	Inc.	Azimuth (Magnetic)	R.L.	Drill Type	Depth (m)
13TPRC001	6979030	403546	-60	275	318	RC	100
13TPRC002	6978958	403549	-60	232	322	RC	140
13TPRC003	6978971	403563	-60	232	322	RC	230
13TPRC004	6978959	403548	-60	270	321	RC	145
13TPRC005	6978973	403550	-60	280	319	RC	140
13TPRC006	6979093	403565	-60	290	316	RC	175
13TPRC012	6978889	403489	-60	198	323	RC	180
13TPRC015	6978946	403565	-60	210	318	RC	119
13TPRC017	6987052	408360	-60	125	325	RC	175
13TPRC018	6986971	408307	-60	125	327	RC	225
13TPRC019	6983307	407226	-90	0	290	RC	67
13TPRC024	6984342	406726	-60	150	367	RC	85
13TPRC026	6984207	406621	-60	140	359	RC	80
13TPRC028	6988611	408545	-90	0	348	RC	54
13TPRC029	6988730	408516	-60	120	352	RC	74
13TPRC031	6988502	408504	-60	150	339	RC	54
13TPRC036	6980873	403262	-90	0	290	RC	78
13TPRC039	6980876	403079	-90	0	310	RC	43
13TPRC045	6980851	402678	-90	0	285	RC	48
13TPRC048	6980701	401351	-90	0	283	RC	48
13TPRC051	6978900	403500	-70	198	338	RC	189
13TPRC052	6978898	403491	-60	215	336	RC	164

About Trafford Resources

Trafford Resources Limited (ASX: TRF) is a multi-commodity mineral exploration company, based in Perth, Australia. Trafford's objective is to add value to shareholders' funds from successful mineral exploration in Australia and abroad. Trafford is advancing a high-impact portfolio of exploration assets, cornerstone resource investments and mine development projects including

- **The Twin Peaks and Moorarie Rocks Joint Venture** is an iron ore venture between Trafford and Independence Group (ASX: IGO) whereby Trafford may earn an 80% equity in the project by expending \$5 million over 5 years.
- 19% share-holding in Orinoco Gold Limited (ASX: OGX) which is exploring the **Curral de Pedra Gold Project**, Brazil;
- 27% share-holding in IronClad Mining Limited (ASX: IFE) which is developing. the advanced **Wilcherry Hill Iron Ore Project**, South Australia. The Project is an 80:20 joint venture between IronClad and Trafford. This 20% holding of the IronClad project is free carried into production
- 100% interest in the 2,807Km² **Wilcherry Hill Exploration Project**, South Australia, including a number advanced exploration targets associated with regional skarn mineralisation:
 - Weednanna (Gold)
 - Death Adder (Iron Oxide, Copper, Gold)
 - Telephone Dam (Lead, Zinc, Silver)
 - Black Hill (Epithermal Silver, Gold)
 - Golden Gate (Tin, Tungsten and Silver)
 - Pier and Hercules (Manganese)
- Major interests in ~ 7100 Km² of highly prospective but lightly explored land in the western part of South Australia's **Gawler Craton**, comprising:
 - 100% of a 4512 Km² J(2720 Km² granted & 1792 Km² pending application) exploration asset in a geological setting which hosts some of Australia's richest mines, **Jumbuck** including the Olympic Dam copper, gold uranium mine, and
 - A 51:49 joint venture with Kingsgate Resources Limited (ASX:KCN) in the 2,652 Km² **Challenger JV Project** surrounding Kingsgate's Challenger Gold Mine, with multiple targets ranging from drill-ready to Greenfields.