



# TRAFFORD RESOURCES LIMITED

ASX Announcement

17<sup>th</sup> April 2012

## Wide near surface gold zones outlined from Weednanna drilling

- **Widest gold zones to date intersected at Weednanna**
  - **174m @ 0.40g/t Au** from surface,
  - **93m @ 1.59g/t Au** from surface including **22m @ 5.25g/t Au**

Trafford Resources Limited (ASX:TRF) is pleased to announce results from drilling at its Weednanna Gold prospect located within its 100% wholly owned Wilcherry Hill project, Eyre Peninsula, South Australia. A total of 1566 meters of drilling was completed and identified a number of broad gold zones including an intersection of **174m @ 0.40g/t Au** from the top to the bottom of hole in 12WDR001. A zone of **93m @ 1.59g/t Au** was recorded containing a high grade intersect of **22m @ 5.25g/t** in diamond hole 12WDDH001. The two holes are approximately 160 meters apart and demonstrate the potential for a large, near surface, gold zone on the western limb of the Weednanna gold prospect (Figure 2).

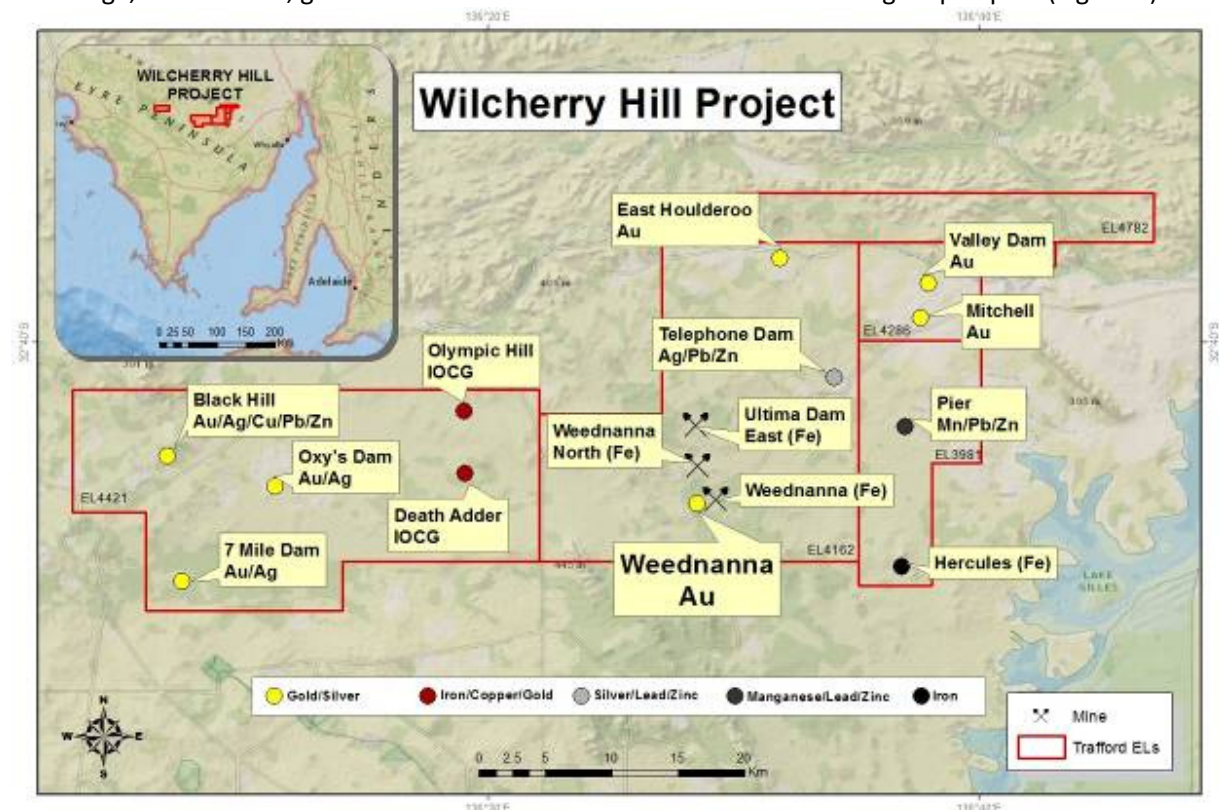
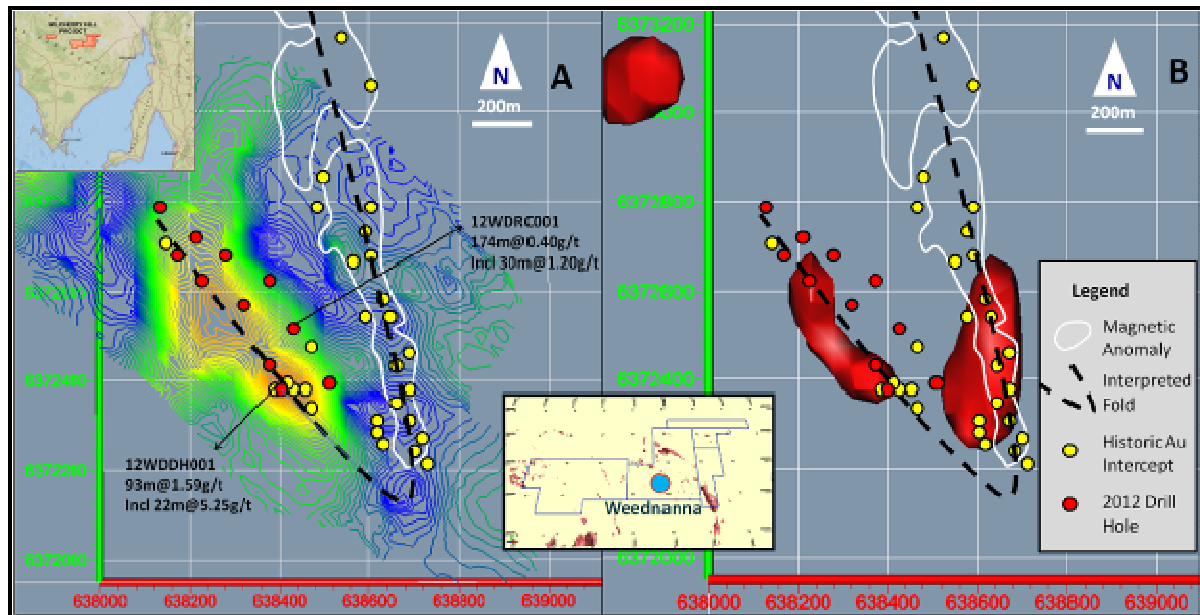


Figure 1: Wilcherry Hill Project South Australia



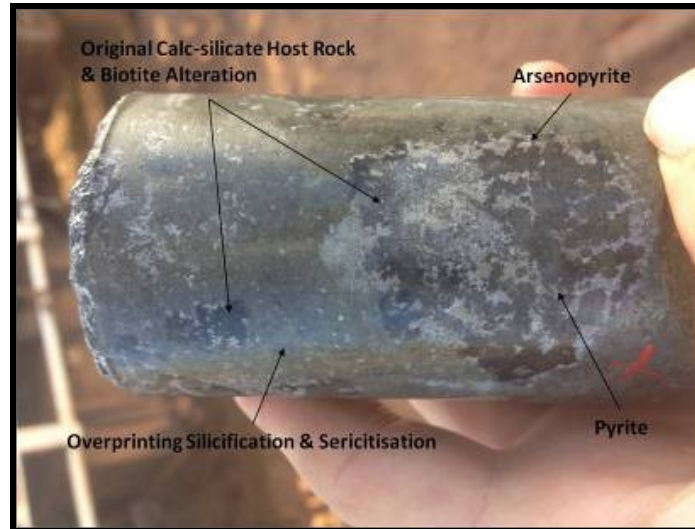
**Figure 2:** Location of 2012 Weednanna drill holes. Image A on the left shows the a plan image of the Historic holes (Yellow) and the 2012 drill holes (Red) over the chargeability contours and Image B is the interpreted 3d Gravity feature identified at Weednanna.

The drilling was designed to test a chargeability anomaly defined through a three dimensional induced polarisation (IP) survey completed in 2011. The near surface wide intersections resulting from this drilling have identified a near surface wide gold zone within which high grade ore shoots are found, rather than the previous model of steeply dipping high grade ore shoots within barren country rock. The presence of this gold zone is confirmed by the 3d (IP) anomaly which to extend from surface.

**Table 1:** Significant intersections for January 2012 Weednanna Drilling

PROJECT	Hole ID	Easting (GDA94)	Northing (GDA94)	Depth From (m)	Depth To (m)	Width (m)	Au Grade (g/t)
2012	12WDDH001	638311	6372417	0	93	93	1.59
			incl.	63	85	22	5.25
	12WDR001	638319	6372571	0	174	174	0.40
			incl.	89	114	25	0.80
			and	138	168	30	1.20
	12WDR002	638369	6372626	61	116	55	0.29
12WDR005	638247	6372653	48	60	12	0.60	

A table of the significant intercepts from the January 2012 drilling is provided in **Table 1**. Delays in reporting the results of the drilling which was announced on the 17<sup>th</sup> of January 2012 were due to a combination of laboratory delays and issues followed by subsequent QAQC test work at a secondary laboratory. A table that lists all the economic intersections recorded at Weednanna to date is provided in the Appendix A.



**Figure 3:** Photograph from Diamond hole 12WDDH001 showing the extent of massive sulphides intersected

Furthermore, diamond drilling of one of the previously defined high grade ore shoots has given vital insight as to the nature of mineralisation and structure at Weednanna. Drill hole 12WDDH001 was drilled vertically to intersect the same mineralised zone of 36m @ 5.71g/t Au and 32m @ 3.44g/t Au identified by RC drilling in 2006. The diamond hole intersected a wide gold zone from surface of 93m @ 1.59g/t Au with a high grade zone of 22m @ 5.25g/t Au. The core can be seen to host a complex series of alteration and mineralisation assemblages, including massive sulphides, which will be an invaluable aid in helping Trafford interpret the deposit. Figure 3 shows an annotated photograph of the mineralised core.

Trafford are currently working closely with the IronClad (ASX: IFE) development team in anticipation of stockpiling all mineralised sulphide zones encountered within the planned IronClad Weednanna pit. According to the joint venture agreement between Trafford and Ironclad, Trafford has the right to all minerals mined (including gold), except Iron Ore. Trafford, intends to process these high sulphide stockpiles separately for gold. Preliminary metallurgical test work has shown recoveries of >90% for the gold contained in these sulphide zones.

For further information, please visit [www.traffordresources.com](http://www.traffordresources.com) or contact

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*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.*

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PROJECT	Hole ID	Easting (GDA94)	Northing (GDA94)	Depth From (m)	Depth To (m)	Width (m)	Au Grade (g/t)	
2012	12WDDH001	638311	6372417	0	93	93	1.59	
				incl.	63	85	22	5.25
	12WDRC001	638319	6372571	0	174	174	0.40	
				incl.	89	114	25	0.80
				and	138	168	30	1.20
	12WDRC002	638369	6372626	61	116	55	0.29	
	12WDRC005	638247	6372653	48	60	12	0.60	
Weednanna	10WDRC001	638624	6372344	72	78	6	3.41	
				incl.	76	78	2	8.85
	10WDRC002	638675	6372325	50	60	10	3.09	
				incl.	50	52	2	14.40
	10WDRC004	638724	6372346	32	38	6	2.41	
				incl.	32	34	2	4.85
	10WDRC005	638617	6372299	54	78	24	2.00	
				incl.	60	62	2	6.20
				incl.	68	70	2	6.45
	10WDRC006	638700	6372269	56	58	2	4.70	
				and	60	62	2	2.30
				and	78	80	2	1.30
				and	84	86	2	3.60
	10WDRC007	638623	6372396	56	58	2	1.65	
	10WDRC009	638698	6372398	72	76	4	2.66	
				incl.	56	58	2	4.70
	10WDRC018	638673	6372644	44	46	2	2.40	
	10WDRC035	638678	6372747	192	194	2	8.55	
	10WDRC036	638640	6372747	124	128	4	1.00	
	10WDRC038	638548	6372745	68	70	2	3.80	
	10WDRC040	638650	6372797	96	100	4	1.23	
	10WDRC053	638570	6372871	98	100	2	1.05	
				and	116	122	6	2.93
				incl.	116	118	2	6.65
	10WDRC055	638618	6372922	90	96	6	1.88	
				incl.	92	94	2	4.10
	10WDRC057	638502	6372896	78	80	2	2.40	
	10WDRC072	638632	6372950	88	106	18	2.33	
				incl.	90	96	6	6.21
	10WDRC074	638624	6372899	98	106	8	1.94	
				incl.	100	102	2	5.95
	10WDDH022	638699	6372558	59	86.2	27.2	0.51	
	10WDDH023	638698	6372347	45	56	11	0.39	
	10WDDH024	638598	6372321	17	23	6	0.42	
				and	29	35.85	6.85	1.10
				incl.	34	35	1	5.95
	10WDDH025	638623	6372321	4	5	1	1.50	
				and	59.55	73	13.45	1.22
				incl.	61	65.2	4.2	2.79
	09WDRC002	638685	6372519	4	10	6	1.60	
				and	40	64	24	1.50
				incl.	52	60	8	2.10
	09WDRC005	638655	6372566	40	50	10	0.60	
	09WDRC014	638716	6372320	68	74	6	2.10	
	09WDRC016	638686	6372416	26	40	14	1.10	
				incl.	36	40	4	2.20
	09WDRC019	638677	6372470	20	30	10	2.10	
				and	56	60	4	1.30
	09WDRC022	638658	6372594	0	2	2	1.30	
	09WDRC030	638682	6372449	28	32	4	4.00	
			incl.	28	30	2	7.10	
08WDRC006	638527	6372968	78	79	1	1.67		
			and	91	92	1	1.09	
			and	116	119	3	2.38	
08WDRC013	638654	6372521	37	38	1	1.44		
08WDRC016	638577	6373270	87	93	6	2.90		
			incl.	91	93	2	6.50	
07WDRC003	638352	6372446	43	60	17	0.55		
07WDRC004	638353	6372395	89	115	26	0.82		
07WDRC005	638301	6372446	64	112	48	0.80		
06WDRC002	638353	6372421	56	88	32	3.44		
06WDRC003	638302	6372423	59	60	1	14.10		
			and	91	97	6	2.00	
			and	110	116	6	2.47	
06WDRC007	638276	6372422	52	88	36	5.71		
			incl.	68	80	12	11.37	
06WDRC023	638078	6372679	102	107	5	3.51		
02CAT005	638460	6373367	68	84	16	0.82		
00WDRC072	638225	6372300	69	78	9	4.50		
			and	86	102	16	2.90	
00WDRC077	638300	6372200	57	72	15	1.00		
00WDRC080	638300	6372400	70	96	26	0.60		
			and	127	146	19	0.70	
98WDDH001	638712	6372470	7	18	9	24.60		
98WDDH002	638755	6372280	125	132	7	18.50		
98WDDH004	638609	6372402	78	87	9	6.40		
98WDRC026	638574	6372356	62	78	16	1.30		
98WDRC032	638600	6372425	71	85	14	4.80		
98WDRC044	638590	6372500	87	100	13	6.00		
98WDRC049	638659	6373171	126	135	6	18.60		

**Appendix A:** Complete significant intercept table for all drilling at Weednanna