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Company Announcements Office
ASX Securities Limited
20 Bridge Street
SYDNEY NSW 2000

HIGH GRADE IRON ORE SAMPLES ADD TO PROJECT VALUE

- Geological mapping extends area of known outcrop
- New areas yield samples assaying over 60%Fe

A geological mapping program conducted at the Northern Territory Roper Bar iron ore project by Western Desert Resources Limited (ASX code "WDR") and ITOCHU subsidiary, IMEA Exploration and Development of Australia Pty Ltd (IEDA) indicates an expanded area of outcropping iron mineralisation, some of which yielded surface samples assaying over 60% Fe.

Areas of known outcrop have been extended from original estimates and now total 55km² much of which dips quite shallowly (5% to 10%) to the west.

The project consists of six granted exploration licences (EL24307, EL24655, EL24944, EL25672, EL26759 and EL26992). The tenements are located in the Gulf Country of the Northern Territory about 40km from the coast. Exploration is being undertaken on hematitic iron formations, both outcropping and under shallow cover

The 2008 drilling program targeted mineralisation under cover and recovered ironstone material from area "D" which had a measured specific gravity of 3.2 with an average thickness of 5.7 metres. Assays revealed grades of up to 60%Fe, while subsequent beneficiation testwork successfully upgraded lower grade material to in excess of 60%Fe using the low cost heavy liquid separation technique.

Forward exploration program

The forward 2009 exploration program for the Roper Bar project by WDR and IEDA will be principally devoted to drilling previously mapped high grade outcropping targets in Area D, Area E, and Area F (refer map Appendix 1) with the objective of evolving an initial resource estimate. The drilling program is expected to commence as soon as practicable following suitable access at the end of the seasonal rainy period.

For further information, contact
Norm Gardner
Managing director
(08) 8177 8800
info@westerndesertresources.com.au

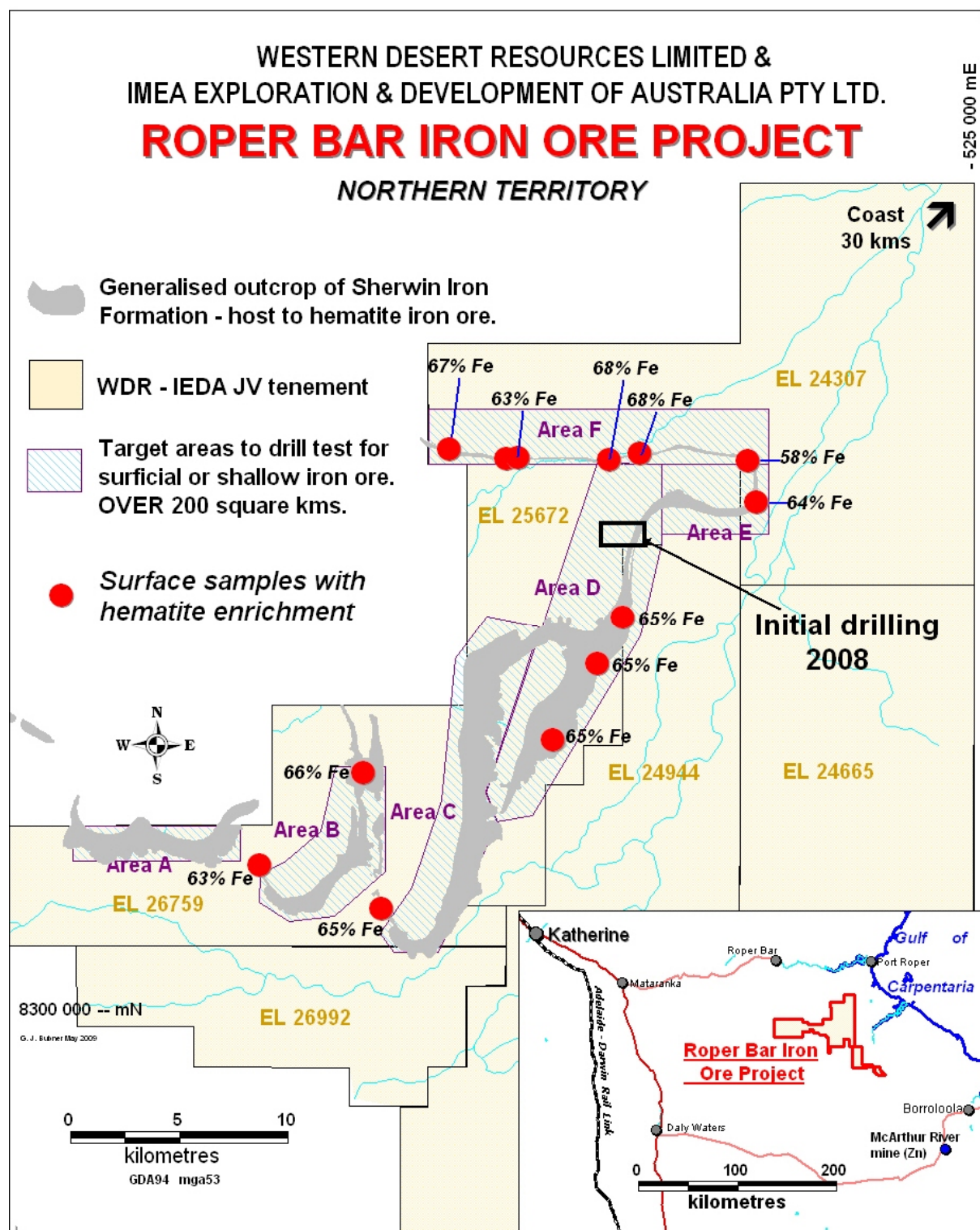
The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by John Fabray who is a member of the Australasian Institute of Mining and Metallurgy. Mr Fabray is a full time employee of Western Desert Resources Ltd and has sufficient experience relevant to the styles of mineralisation under consideration and to the subject matter of the report to qualify as a Competent Person as defined in the 2004 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC code). Mr Fabray consents to the inclusion in the report of the matters based on his information in the form and context in which they occur. Information in this report describing historical production figures and assays has been derived from open file company reports in the public domain.

About Western Desert Resources Limited

Western Desert Resources (WDR) is an ASX listed Australian exploration company with a diversified portfolio of projects in Australia. WDR has identified advanced prospects in iron ore, gold, molybdenum, and tungsten.

Core projects are: the Roper Bar Iron Ore Project in the Northern Territory located close to the Roper River; and the Rover gold/copper project near Tennant Creek, also in the Northern Territory.

WDR holds a strategic (14.6%) stake in Thor Mining Plc, which is listed on the United Kingdom AIM market. Thor Mining owns the Molyhill Molybdenum / Tungsten project, located north east of Alice Springs. An off-take agreement is in place with CITIC, China's leading energy and base metal producer.



Appendix 2: Table of sample assay results

Sample Number	Easting GDA	Northing GDA	Fe %	Al2O3 %	P %	SiO2 %	LOI 1000 %	Lithology	Tenement
RBR001	509250	8318037	61.4	1.1	0.015	8.1	2.6	Ironstone	EL 24944
RBR002	497212	8311090	66.1	0.87	0.01	2.8	1	Ironstone	EL 26759
RBR003	497240	8310614	65.5	1.3	0.015	2.7	1.7	Ironstone	EL 26759
RBR004	492332	8306741	61.4	0.81	0.025	5.3	5.7	Ironstone	EL 26759
RBR005	508948	8318081	38.5	0.77	0.025	42.3	1.3	Hematitic sandstone	EL 25672
RBR006	509312	8318040	64.9	0.77	0.01	4.9	1.1	Ironstone	EL 24944
RBR007	497027	8311010	65.1	0.68	0.02	2.9	2.4	Ironstone	EL 26759
RBR008	497012	8310399	61.7	0.67	0.01	7.5	2.5	Ironstone	EL 26759
RBR009	508948	8318081	54.8	0.66	0.05	17.3	3.1	Ironstone	EL 25672
RBR010	509300	8318033	65.1	1.4	0.005	3.7	1.7	Ironstone	EL 24944
RBR011	509300	8318034	64.2	1.1	<0.005	2.3	4.9	Ironstone	EL 24944
RBR012	497240	8310614	63.4	1.3	0.01	3.1	3.9	Ironstone	EL 26759
RBR013	509313	8318038	63.4	0.83	0.015	4.6	3.6	Ironstone	EL 24944
RBR014	496999	8311003	66.5	0.47	0.01	2	2	Ironstone	EL 26759
RBR015	492328	8306750	63.1	0.52	0.085	7.1	1.9	Ironstone	EL 26759
RBR016	508916	8318099	32.9	0.63	0.025	46.1	4.8	Hematitic sandstone	EL 25672
RBR017	497021	8310659	66.7	0.82	0.015	2.2	1.5	Ironstone	EL 26759
RBR018	492580	8305994	39.3	0.69	0.015	41.2	1.3	Ironstone	EL 26759
RBR019	497168	8310559	56	1	0.01	14.8	3.5	Ironstone	EL 26759
RBR020	497177	8310967	66.4	0.65	0.01	2.3	1.9	Ironstone	EL 26759
RBR021	492306	8306817	61.3	1	0.055	8.2	2.8	Ironstone	EL 26759
RBR022	497216	8311138	60.7	0.76	0.01	9.4	2.2	Ironstone	EL 26759
RBR025	484138	8308310	14.2	4.7	0.08	17.2	8.2	Hematitic siltstone	EL 26759
RBR030	505975	8314265	55.3	1.2	0.01	17	2.6	Ironstone	EL 25672
RBR031	505737	8312390	64.6	0.58	0.01	4.9	2	Ironstone	EL 25672
RBR032	505750	8312362	56.9	0.61	0.01	13.8	3.4	Ironstone	EL 25672
RBR033	506036	8314194	52.7	1.4	0.01	19	3.9	Ironstone	EL 25672
RBR034	497902	8304718	65.1	0.7	0.035	4.2	1.7	Ironstone	EL 26759
RBR035	497937	8304738	26.3	0.8	0.035	57.4	2.7	Oolitic sandstone	EL 26759
RBR036	503986	8316887	24.7	3.4	0.015	55	3.3	Oolitic sandstone	EL 25672
RBR037	509368	8320042	60.9	0.86	0.025	10.5	1.1	Ironstone	EL 24944
RBR038	509495	8321110	56.1	0.81	0.01	17.7	1.3	Sandy ironstone	EL 24944
RBR039	509376	8319740	51.7	0.63	0.015	24.2	0.8	Ironstone	EL 24944
RBR040	507578	8315937	62	1.3	0.01	6.6	2.5	Ironstone	EL 25672
RBR041	509355	8318930	49.9	1.8	0.01	22.4	4.1	Ironstone	EL 24944
RBR042	507850	8315725	65.4	1.7	0.01	2.7	2.1	Ironstone	EL 25672
RBR043	507502	8315975	59.6	1.5	0.01	10.7	2.1	Ironstone	EL 25672
RBR044	509383	8318979	57.8	0.63	0.005	15.7	1	Ironstone	EL 24944
RBR045	509350	8319224	58.7	0.78	0.045	13.5	1.1	Ironstone	EL 24944
RBR046	509320	8318922	58.1	1.1	0.015	11.8	3.3	Ironstone	EL 24944
RBR047	509374	8318932	56.5	0.97	0.005	17.6	1.1	Ironstone	EL 24944
RBR048	497235	8311198	61.1	0.67	0.01	8.5	3	Ironstone	EL 26759
RBR049	497240	8311240	64.5	1.4	0.01	3.5	2.7	Ironstone	EL 26759
RBR050	496992	8311263	64.7	0.73	0.005	2.8	3.7	Ironstone	EL 26759
RBR051	508901	8317187	63.5	0.95	0.03	5.4	2.4	Ironstone	EL 25672
RBR052	508622	8316784	61.2	0.9	0.005	8.8	2.5	Ironstone	EL 25672
RBR053	507260	8316900	59.6	0.66	0.025	10.3	3.2	Ironstone	EL 25672
RBR054	509159	8317184	65.4	0.94	0.01	2.6	2.3	Ironstone	EL 24944
RBR055	508910	8317209	65.1	1.1	0.005	2.6	2.8	Ironstone	EL 25672
RBR056	507412	8317096	64.3	0.85	0.005	4.6	2.5	Ironstone	EL 25672
RBR057	508772	8317358	56.8	0.85	0.035	13.9	3.5	Ironstone	EL 25672
RBR058	507909	8317651	40.2	1	0.04	33.1	6.5	Hematitic sandstone	EL 25672
RBR059	508707	8316872	64.4	1.4	0.01	4.9	1.7	Ironstone	EL 25672