



ASX and Media Release

Grant of mineral lease for the Peculiar Knob DSO deposit in South Australia

Western Plains Resources Ltd (ASX:WPG) is pleased to advise that it has received an offer from Primary Industries and Resources of South Australia (PIRSA) for the grant of a mineral lease covering its flagship DSO iron ore deposit south east of Coober Pedy.

WPG has received PIRSA's offer of a mining lease covering the Peculiar Knob direct shipping iron ore deposit south east of Coober Pedy in South Australia. WPG completed its bankable feasibility study for the development of Peculiar Knob in September 2007 and this will be the Company's first mining operation. The mineral resource estimates for Peculiar Knob are set out in Table 1.

Table 1
Mineral Resource Estimate – Peculiar Knob

Category	Million Tonnes	Fe %	P %	SiO ₂ %	Al ₂ O ₃ %	LOI %
Measured resource	13.4	63.7	0.01	7.4	0.3	0.5
Indicated resource	4.1	63.4	0.02	8.2	0.2	0.4
Inferred resource	1.5	64.5	0.02	6.0	0.3	0.3
Total resource	19.0	63.7	0.02	7.5	0.3	0.5

WPG is well advanced with plans for the construction of haul roads, its camp, project water supply, and other essential infrastructure including crusher plant and rail siding for this mine. The mining and rehabilitation plan (**MARP**) is nearing completion and all documentation including the MARP will be lodged around the end of June.

6 June 2008



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WPG's other DSO deposits are the Buzzard and Tui deposits at Hawks Nest. The combined resource estimates for all three deposits are shown in Table 2.

Table 2
Total Mineral Resource Estimates, Peculiar Knob, Buzzard and Tui DSO Deposits

Resource Category	Tonnes (million)	Grade				
		Fe%	SiO ₂ %	Al ₂ O ₃ %	P%	LOI%
Measured	25.5	62.9	7.7	0.8	0.03	0.7
Indicated	9.3	61.6	9.5	0.7	0.05	0.8
Inferred	2.6	63.0	7.8	0.5	0.04	0.5
TOTAL	37.4	62.6	8.2	0.8	0.03	0.7

The resource estimate shown in Tables 1 and 2 have been prepared using a 55% Fe cut-off grade.

Competent Person

The review of exploration activities and results and the mineral resource estimates for the Peculiar Knob, Buzzard and Tui deposits contained in this report are based on information compiled by Mr Gary Jones, a Member of the Australasian Institute of Mining and Metallurgy. He is Technical Director of Western Plains Resources Limited and a full time employee of Geonz Associates Limited. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Gary Jones has consented in writing to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Further Information

For further information please contact WPG's Executive Chairman Bob Duffin, on (02) 9251 1044 or 0412 234 684, or Heath Roberts, Executive Director and Company Secretary on (02) 9247 7359 or 0419 473 925.