

Fast Facts

Capital Structure

Shares on issue	42.6M
Options	27.3M
ASX Code	NXR

Directors & Management

Reg Gillard

Chairman

Peter Turner

Managing Director

Patrick Flint

Non-Exec Director

Grahame Kennedy

Exploration Manager

Paul Jurman

Company Secretary

West African Project Highlights

- Significant DSO iron mineralisation
- Good infrastructure, close to ports
- Target: Expedite project development

Australian Project Highlights

- 2 classic BIF projects with alteration
- >70 km of iron formation
- DSO outcrops abundant
- Walk-up drill targets
- Target: DSO Resource

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ASX Announcement & Media Release

16 August 2011

Mid West Drilling Update

- Eight shallow reconnaissance RC drill holes completed at three prospects at Ironstone Well Project
- Wide zone of magnetite mineralisation intersected
- Significant strike length of untested banded iron formation remains, with further high-grade iron targets on two of four tenements
- Exploration focus now shifts to DSO iron projects in Guinea, West Africa, with drilling scheduled to commence later this year

Iron ore-focused explorer Nemex Resources Limited (ASX: NXR) advises that it has received all x-ray fluorescence spectrometry (XRF) results from eight shallow RC holes over three prospects at its Ironstone Well Project in the Mid West region of Western Australia (**Figure 1**).

Drilling was designed to test the depth-extent of surface hematite mineralisation at three prospects along the 50km long banded iron formation (BIF) horizon, where rock chip sampling in late 2010 identified extensive surface hematite mineralisation.

A total of eight shallow drill holes were completed for 467 metres at three prospects that were widely spaced along the BIF ridge (**Figure 2**). All holes were drilled at -60 degrees inclination to depths varying between 50 and 68 metres.

A portable Niton XRF analyser was used at the drill site on each metre of drilling to determine samples with higher than 25% Fe. These samples only were sent to Spectrolabs in Geraldton for independent analysis verification (see Table 1). From the eight drill holes completed, a total of 35 individual metre intervals were selected from two holes (NIWRC001 and NIWRC005) for independent XRF analysis.

The XRF results show wide intercepts of low-grade iron mineralisation (25-50% Fe) from these drill holes (**Table 1**).

Hole	From	To	Interval m	Fe %	SiO ₂ %	Al ₂ O ₃ %	P %	S %	TiO ₂ %	LOI %
NIWRC001	39	63	24	25.9	58.3	1.4	0.03	0.013	0.015	2.04
NIWRC005	19	29	10	35.6	45.0	0.07	0.03	0.011	0.014	2.83

Table 1. Summary of significant intercepts from Ironstone Well (NIWRC001-008) (see Table 2 for full results)

“The drilling indicates that the banded iron formation was encountered, but that no enriched hematite mineralisation extended to any significant depths,” Nemex’s Managing Director Dr Peter Turner said.

“There are further high-grade targets at Ironstone Well, with a significant strike length of banded iron formation remaining untested. Nemex will consider drill testing these targets in 2012. Nemex’s exploration activities will now concentrate on its DSO iron projects in Guinea, West Africa, with drilling scheduled to commence later this year.”

Detailed information about Nemex’s projects is available at www.nemexres.com.au

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About Nemex Resources

Nemex Resources is an iron ore-focused explorer with direct shipping ore (DSO) iron projects in Guinea, West Africa and the Mid West of Western Australia. Nemex is earning an 85% interest in the Coastal Project in Guinea, West Africa where an extensive ironstone formation has been discovered over a large area and is an *in-situ* DSO product. In Western Australia, Nemex owns 100% of the Woodley DSO project and is earning an 80% interest in Ironstone Well DSO project, both of which have abundant surface DSO occurrences. Nemex's goal is to identify DSO for commercial exploitation both in West Africa and Australia.

Competent Persons Statement

The information contained in this press release which relates to Exploration Results is based on information compiled by Mr Grahame Kennedy, a Member of the Australian Institute of Geosciences (AIG). Mr Kennedy is the Exploration Manager and a full-time member of Nemex Resources Limited. Mr Kennedy has sufficient experience which is relevant to the style of mineralization 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 Kennedy consents to the inclusion in the press release of the matters based on his information in the form and context in which it appears.

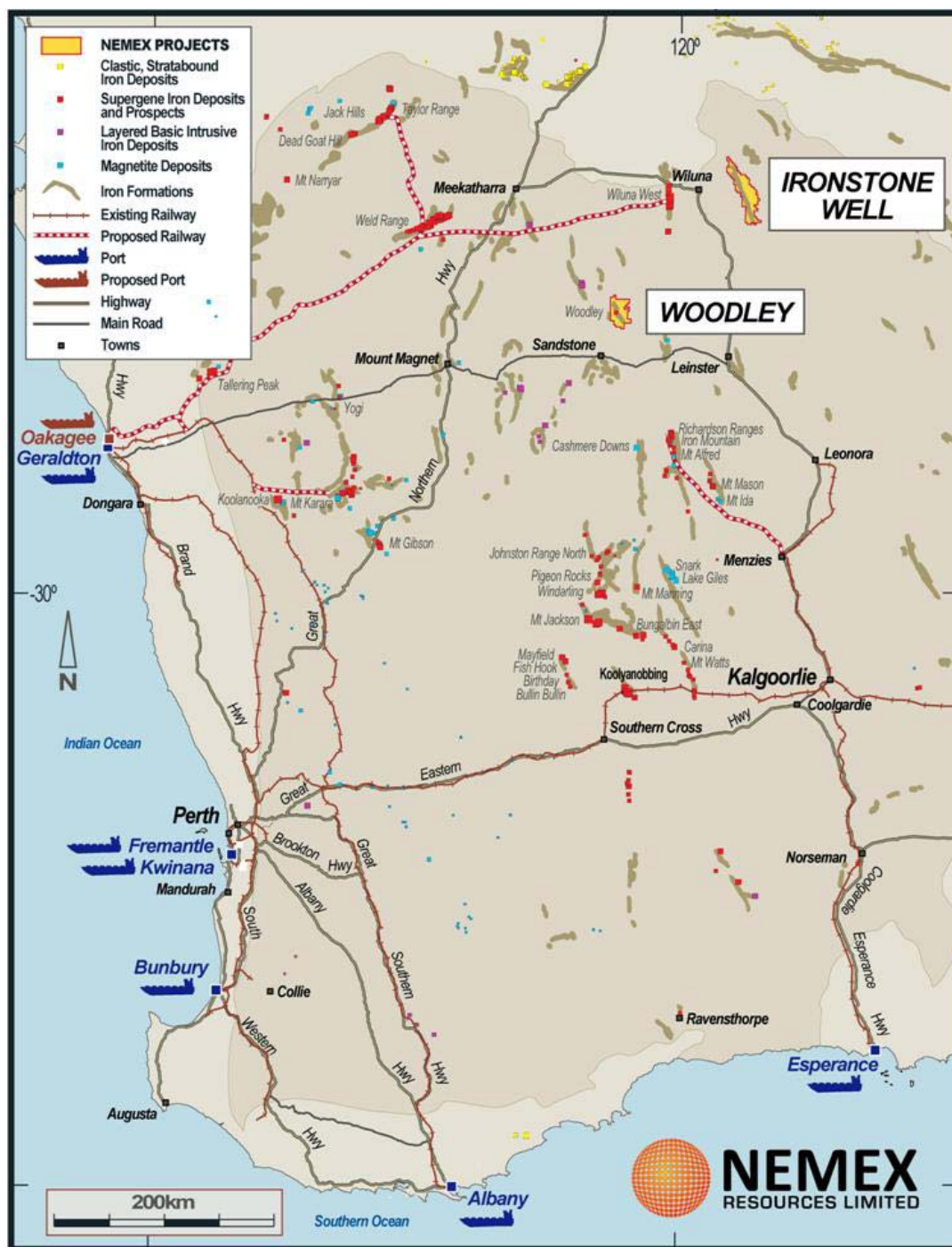


Figure 1. Location map of Woodley and Ironstone Well DSO iron projects

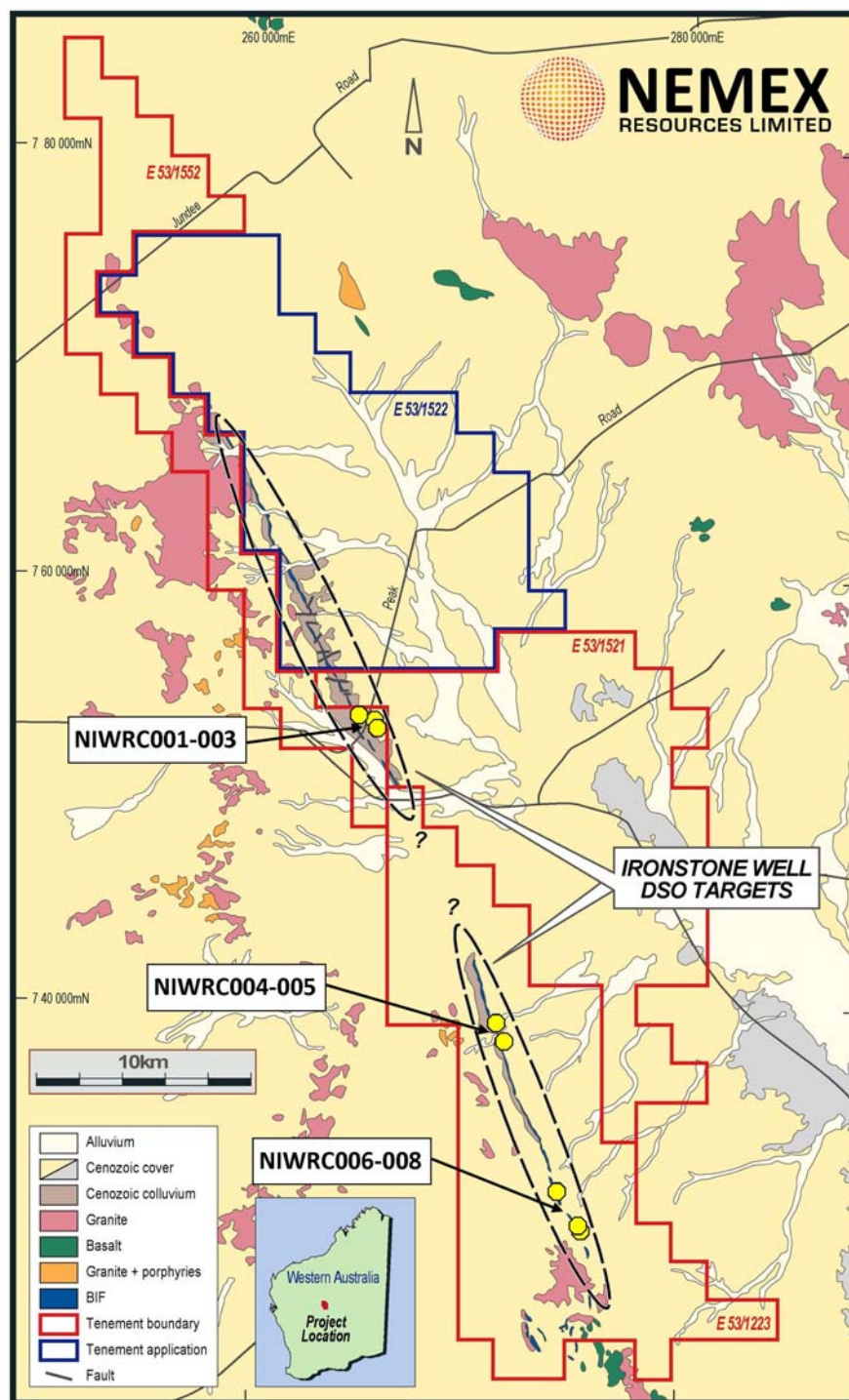


Figure 2. Drill location plan at the Ironstone Well iron project.

HoleID	East	North	Az	Dip	T.Depth	DepthFrom	DepthTo	Interval	Fe %	SiO2 %	Al2O3 %	P %	TiO2 %	S %	LOI
NIWRC001	264862	7053245	224	-60	68m	0	39	39	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC001						39	40	1	30.81	51.945	1.631	0.021	X	0.006	2.34
NIWRC001						40	41	1	22.77	62.118	0.711	0.034	0.012	0.008	3.12
NIWRC001						41	42	1	30.72	52.406	0.286	0.027	X	0.004	2
NIWRC001						42	43	1	23.55	62.903	0.157	0.019	0.001	0.005	1.46
NIWRC001						43	44	1	26.34	59.96	0.37	0.026	0.016	0.022	1.21
NIWRC001						44	45	1	27.42	57.53	0.20	0.023	X	0.02	2.62
NIWRC001						45	46	1	19.89	68.67	0.29	0.021	X	0.009	1.74
NIWRC001						46	47	1	24.9	58.99	0.38	0.032	X	0.025	3.07
NIWRC001						47	48	1	21.09	64.53	1.45	0.036	0.004	0.028	2.59
NIWRC001						48	49	1	22.41	61.98	1.88	0.022	0.001	0.008	2.18
NIWRC001						49	50	1	18.25	69.28	0.75	0.018	0.022	0.011	2.11
NIWRC001						50	51	1	32.54	48.89	1.44	0.021	0.006	0.008	2.01
NIWRC001						51	52	1	32.56	48.67	1.45	0.021	0.006	0.008	2.01
NIWRC001						52	53	1	38.48	42.47	0.85	0.021	X	0.006	1.43
NIWRC001						53	54	1	28.38	54.89	1.47	0.012	X	0.006	1.68
NIWRC001						54	55	1	33.31	46.21	3.27	0.017	0.175	0.002	1.84
NIWRC001						55	56	1	17.3	69.50	1.89	0.019	0.007	0.007	1.52
NIWRC001						56	57	1	22.37	61.38	2.93	0.011	X	0.01	1.87
NIWRC001						57	58	1	18.68	64.87	3.71	0.016	X	0.005	4.17
NIWRC001						58	59	1	24.53	59.35	2.45	0.017	0.048	0.004	1.67
NIWRC001						59	60	1	16.37	69.93	2.73	0.02	0.046	0.008	1.62
NIWRC001						60	61	1	22.86	63.57	1.04	0.017	X	0.009	1.15
NIWRC001						61	62	1	29.07	53.12	2.58	0.022	X	0.025	1.95
NIWRC001						62	63	1	36.9	45.07	0.18	0.024	X	0.077	1.62
NIWRC001						63	68	5	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC002	265597	7053136	44	-60	58m	0	58	58	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC003	265686	7052941	82	-60	62m	0	62	62	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC004	271575	7039170	270	-60	50m	0	50	50	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC005	271764	7038166	70	-60	62m	0	19	19	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC005						19	20	1	31.19	50.565	0.845	0.021	0.02	0.018	2.36
NIWRC005						20	21	1	35.96	45.124	0.862	0.051	0.013	0.011	2.13
NIWRC005						21	22	1	33.05	47.695	0.703	0.022	0.022	0.014	2.7
NIWRC005						22	23	1	38.79	40.292	1.167	0.086	0.019	0.018	3.13
NIWRC005						23	24	1	36.17	45.427	0.514	0.021	0.013	0.01	2.46
NIWRC005						24	25	1	37.43	43.038	0.428	0.036	0.01	0.008	2.92
NIWRC005						25	26	1	36.25	44.993	0.621	0.017	0.012	0.011	2.34
NIWRC005						26	27	1	36.69	44.31	0.474	0.028	0.007	0.005	1.99
NIWRC005						27	28	1	35.4	43.987	0.909	0.029	0.019	0.01	4.14
NIWRC005						28	29	1	35.23	44.603	0.262	0.038	0.002	0.004	4.14
NIWRC005						29	62	33	NSI	NSI	NSI	NSI	NSI	NSI	NSI

NIWRC006	274421	7031450	270	-60	56m	0	56	56	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC007	275398	7029919	60	-60	58m	0	58	58	NSI	NSI	NSI	NSI	NSI	NSI	NSI
NIWRC008	275324	7030028	247	-60	50m	0	50	50	NSI	NSI	NSI	NSI	NSI	NSI	NSI

Table 2. XRF Results of all Ironstone Well drill samples analysed at Spectrolab Pty Ltd

Notes:

- 1) NSI = No Significant Intercepts
- 2) X = Below detection
- 3) Sample intervals for independent analysis were selected in the field using a Niton XRF analyser prior to dispatch to an independent XRF laboratory
- 4) Spectrolab Pty Ltd in Geraldton conducted the independent XRF analysis
- 5) All samples results have been determined to be accurate by inspection of internationally-recognised geological standards that were inserted into sequence with the drill samples at a minimum rate of 5%
- 6) Duplicate samples of anomalous mineralized intervals were submitted at a minimum rate of 5% to determine repeatability of the sampling procedure
- 7) Anomalous intercepts are considered those intervals whose results are above 25% Fe and contain less than 2m of continuous internal dilution
- 8) The mineralized intervals are down-hole drill lengths, which cannot be assumed as true thickness of mineralization.