



**BREAKAWAY**  
Resources Limited

# Kambalda West Project

## 5A Prospect Drill Results

## 5B Sampling Results

**18 August 2003**

Breakaway Resources Limited is pleased to announce the results from the latest drilling and sampling programs at the Company's Kambalda West Project.

A second drilling program has been completed at the wholly owned **5A Nickel Prospect** at Spargoville. The drilling program consisted of 21 holes comprising 1,859 metres of reverse circulation (RC) drilling and 278.6 metres of diamond drilling designed to define the limits of the 5A nickel mineralisation located in the previous drilling program. The results confirmed the potential to redevelop of the 5A open pit to produce both oxide and sulphide nickel ore for treatment at regional facilities. A full listing of all results is appended at the end of this announcement.

Significant results from the 5A drilling program include:

**Hole 5ADD04** which intersected **1.15m grading 5.47% nickel** from 132.66m,  
**Hole 5ARC63** which intersected **1.0m grading 2.99% nickel** from 86m,  
**Hole 5ARC65** which intersected **2.0m grading 2.12% nickel** from 86m and,  
**Hole 5ARC55** which intersected **4.0m grading 1.83% nickel** from 38m and a further zone of **3.0m grading 1.83% nickel** from 43m.

Significantly, the Hole 5ADD04 intersection is the deepest economic intersection recorded on the 5A deposit to date opening the possibility of a second lower lens of nickel sulphide mineralisation or an down plunge extension of the upper main body. A downhole EM survey will commence immediately to investigate the extent of these new intersections.

Of particular interest, **Hole 5ARC62** intersected **12m grading 1.3% nickel** (4 m composite samples) from 20 metres depth within oxidised hanging wall basalts highlighting the potential for structurally remobilised mineralisation in the hanging wall position. This is considered significant given all previous exploration the Spargoville area has focused on the basalt-ultramafic contact with sampling restricted to the selected intervals in immediate contact position. Resampling of the anomalous zone on 1 metre intervals is currently underway.

The drilling program has provided all information required to finalise resource modelling and metallurgical test work. Once a suitable off take agreement is negotiated, final open pit optimisation studies will be completed and mine plan prepared.

Rock chip channel sampling was conducted in the abandoned 5B open pit to outline possible additional nickel oxide ore. Historical work by Selcast Exploration Pty Ltd at 5B in the 1970's defined an unaudited nickel sulphide resource of 117,000 tonnes grading 1.95% nickel. The results returned significant supergene nickel assays with associated PGM values and high gold values in coincident or adjacent zones. Significant results returned from the sampling include:

#### **Lower Bench**

**3.0 m grading 25.2g/t gold** coincident with **5.0 m grading 1.2% nickel**,  
**2.0 m grading 1.9g/t palladium** and **2.1g/t platinum**.

#### **Upper Bench**

**2.0 m grading 1.0% nickel and 5.8g/t gold**,  
**3.0m grading 1.6% nickel**.

Remodelling of the nickel and gold mineralisation defined by historical drilling has commenced and further drilling of both the nickel and gold mineralisation is being planned.

Yours faithfully

  
Michael Mulroney  
Managing Director

**Kambalda West Project – Spargoville 5A Prospect  
 Reverse Circulation Drill Results Jungle Well North West Drill Results**

Hole ID	Type	Northing	Easting	RL	Azi	Dip	TD (m)	From (m)	To (m)	Width (m)	Ni %	Ore Type
5ADD04	DD	6530046.11	357745.01	345.95	90	-69	153.2	132.66	133.81	1.15	5.47	S
5ADD05	DD	6530072.20	357739.38	345.28	90	-60	41				Abd	
5ADD06	DD	6530072.49	357736.71	345.23	90	-60	131.8	114.02	114.24	0.22	1.34	S
5ADD07	DD	6530122.48	357758.55	341.49	90	-60	102				NSI	
5ADD08	DD	6529995.96	357735.66	346.92	90	-62	131.7	118.69	118.83	0.14	1.64	S
5ADD09	DD	6530101.29	357730.22	342.10	90	.60	141.1				NSI	
5ADD10	DD	6530020.15	357739.24	346.42	90	-61	131.8	110.1	112.23	2.13	1.07	S
5ARC52	RC	6530122.45	357771.20	341.26	90	-55	76				NSI	
5ARC53	RC	6530122.54	357733.95	342.94	90	-60	142				NSI	
5ARC54	RC	6530073.14	357724.27	345.20	90	-60	130				NSI	
5ARC55	RC	6529996.3	357817.07	349.04	270	-50	52 incl	37 38 43	46 42 46	9 4 3	1.54 1.83 1.83	O O O
5ARC56	RC	6529980.12	357810.24	349.46	270	-60	34				NSI	
5ARC57	RC	6529978.73	357835.18	348.92	270	-60	76				NSI	
5ARC58	RC	6529979.44	357820.87	349.48	270	-60	40				NSI	
5ARC59	RC	6529978.43	357842.07	348.47	270	-63	106	77 101	78 103	1 2	1.5 1.37	T/S T/S
5ARC60	RC	6530015.53	357820.31	348.72	270	-50	64	47	53	6	1.85	O
5ARC61	RC	6530019.96	357741.57	346.54	90	-58	130				NSI	
5ARC62	RC	6530046.27	357748.30	346.16	90	-55	74				Abd	
5ARC63	RC	6530046.27	357746.62	346.00	90	-55	118	20 86 89	32 87 90	12* 1 1	1.30 2.99 1.21	O T/S T/S
5ARC64	RC	6530047.66	357746.31	345.99	90	-61	142				NSI	
5ARC65	RC	6530102.31	357752.50	341.88	90	-60	106	86	88	2	2.12	T/S

DD = Diamond hole  
 RC = Reverse Circulation  
 Abd = Hole abandoned  
 NSI = no significant intersection  
 \* = 4m composite sample  
 O = Oxide Mineralisation  
 T/S = Transition-Sulphide Mineralisation  
 S = Sulphide Mineralisation

