



MACPHERSONS

## ASX Announcement

15 July 2013

### ASX Code: MRP

MacPhersons Resources Ltd

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### Capital Structure

Ordinary Shares on issue:  
249 M

Options on issue:  
22 M  
Exercise Price \$0.30  
Expiry 31 December 2013

### Board of Directors

**Ashok Parekh**  
Chairman – Executive Director

**Morrie Goodz**  
Managing Director – Executive  
Director

**Jeff Williams**  
Non-Executive Director

# Boorara Resource Modelling and Pit Design Study Underway

## Highlights:

- High grade intersection up to 3.3 ounces/tonne gold (101g/t) over one metre width, within 100m of the surface
- Diamond drilling validates historical database containing over 4000 drillholes and new geological models confirmed
- Multiple mineralisation zones intersected over 132m intersection zone where preliminary assays indicate 113m @1.29g/t gold (and 19m of drillcore remain to be assayed)
- Resource Block Modelling and Pit optimisation studies underway with 4 separate open pits under consideration

The Directors of **MacPhersons Resources Limited (ASX: MRP)** are pleased to announce, that interim diamond drilling results have been received from the Boorara drilling program **located 800m to 1700m southwest of the Company's 100%-owned Nimbus processing plant.**

Intersections include **both higher grade** gold-bearing quartz vein and stockwork mineralisation **and large halos of background** containing 0.3 – 1.0g/t gold. Results are summarised in Table 2; with recent new results:

- BODH 001 **1.0m @ 8.61g/t gold, from 13.5m;**
- BODH 001 **5.5m @ 2.30g/t gold, from 29.5m;**
  - Incl **0.8m @ 6.09g/t gold, from 30.45m;**
- BODH 002 **12.0m @ 2.12g/t gold, from 49.5m;**
  - Incl **2.1m @ 7.03g/t gold, from 58.3m;**

Geological and resource block modelling has been underway and has validated and expanded historical models and provided support that the historical database of more than 4000 holes can be used to produce a JORC compliant MRE.

MRP have commenced pit optimisation studies with favourable indications that up to 4 separate open pits may be feasible and pit design works have commenced with a view to be completed in early August (see Figure 3).

### MacPhersons Resources Managing Director Morrie Goodz commented:

*“Diamond drilling has successfully confirmed the Boorara Gold deposit and the preparations are now underway to issue a Maiden JORC MRE” Mr Goodz said.*

*“The Boorara Gold open pits will provide additional mill feed to the Nimbus Silver-Gold-Zinc project and will extend proposed mining and processing operations.”*

Figure 1 – New high grade intersection of 3.3 ounces per tonne gold (101g/t Au) in diamond drillhole BODH005 located 8km east of the Kalgoorlie Super Pit gold mine and 1.5km from the Company’s Nimbus gold and silver processing plant.



Table 1 – Boorara drill hole collar locations.

HOLE-ID	LOCATION[X]	LOCATION[Y]	LOCATION[Z]	LENGTH	AZIMUTH	DIP	DRILL_DATE
BODH001	369660.00	6592000.00	405.00	50.20	60.00	-60.00	4/06/2013
BODH002	369804.00	6591848.00	405.00	61.50	60.00	-60.00	2/06/2013
BODH003	369880.00	6591620.00	404.00	96.20	60.00	-60.00	30/05/2013
BODH004	369600.09	6591880.13	401.19	45.00	60.00	-60.00	19/05/2013
BODH005	369704.00	6591781.00	404.00	153.30	130.00	-60.00	25/05/2013
BODH008	370104.94	6591224.91	403.95	60.50	130.00	-60.00	15/05/2013
BODH009	370121.43	6591248.25	406.38	70.00	240.00	-60.00	11/05/2013
BODH010	370263.22	6590858.85	401.31	60.00	60.00	-60.00	8/05/2013
BODH011	370341.22	6590688.17	395.65	112.20	60.00	-60.00	17/05/2013
BODH014	370400.02	6590619.94	392.92	100.90	130.00	-60.00	2/05/2013

Table 2 - Interim results on Boorara Diamond Drilling.

Hole ID	From (m downhole)	To (m downhole)	Interval (m)	Au (g/t)	Core loss included in interval (m)
*BODH001	7.20	11.45	4.25	0.86	*0.1
BODH001	10.30	11.45	1.15	1.07	
BODH001	13.50	14.50	1.00	8.61	
BODH001	29.50	35.00	5.50	2.30	
including	30.45	31.25	0.80	6.09	
*BODH002	15.80	18.80	3.00	1.47	*0.18
BODH002	25.00	32.35	7.35	1.63	
BODH002	37.50	38.60	1.10	0.54	
BODH002	49.50	61.51	12.01	2.12	
including	58.30	60.40	2.10	7.03	
*BODH003	5	7	2	0.72	*1.5
*BODH003	21.3	50.05	28.75	1.42	*1.05
BODH003	58	59	1	1.51	
BODH003	73.35	84	10.65	0.51	
BODH004	12.75	13.75	1	1.03	
BODH004	19.97	24.00	4.03	1.21	
*BODH005	0.00	12.00	12.00	0.48	*2.55
BODH005	16.00	17.15	1.15	0.74	
BODH005	24.10	25.00	0.90	0.67	
BODH005	28.10	36.10	8.00	0.97	
BODH005	40.00	42.00	2.00	0.92	
BODH005	44.00	45.00	1.00	0.96	
BODH005	56.00	61.05	5.05	1.03	
BODH005	62.05	67.55	5.50	1.00	
BODH005	68.50	72.55	4.05	1.99	
BODH005	73.55	77.70	4.15	0.54	
BODH005	78.70	80.75	2.05	1.39	
BODH005	127.00	128.00	1.00	101	
BODH008	37.40	38.50	1.10	0.54	
*BODH008	41.60	49.50	7.90	1.30	*1.6
BODH008	55.85	56.85	1.00	0.93	
BODH009	34.00	35.00	1.00	2.64	
BODH009	42.50	47.50	5.00	1.73	
BODH009	64.80	66.90	2.10	0.72	
BODH009	67.90	68.90	1.00	0.50	
*BODH010	1.60	9.80	8.20	2.60	*2.95
Including	4.00	5.60	1.60	9.21	
BODH010	11.70	13.00	1.30	0.72	
BODH010	21.00	26.00	5.00	0.50	
BODH010	31.00	33.00	2.00	1.59	
BODH010	42.10	44.10	2.00	5.19	
Including	43.10	44.10	1.00	9.13	
BODH010	49.00	50.00	1.00	1.02	
*BODH011	4.10	5.10	1.00	1.33	0.2
BODH011	8.30	10.40	2.10	1.00	
*BODH011	37.80	106.05	68.25	0.96	*0.9
Including	47.30	48.35	1.05	3.53	
Including	94.00	95.05	1.05	3.22	
BODH014	4.40	5.50	1.10	1.46	
*BODH014	12.60	46.70	34.10	1.21	*1.1
Including	33.40	34.50	1.10	4.50	
BODH014	53.50	54.60	1.10	1.22	
BODH014	67.90	74.00	6.10	2.39	
Including	69.85	71.00	1.15	7.53	
BODH014	79.05	84.15	5.10	3.69	
Including	82.00	83.00	1.00	13.15	
BODH014	90.80	93.85	3.05	1.23	

Figure 2 –Boorara diamond drill core (HQ-size) showing visible gold in quartz breccia zone at 127.15 – 127.3m assaying up to 101g/t Au over 1m interval of 127 – 128m down hole depth. Near true thickness determined by ori and by 3d-model validation (see Figure 3).

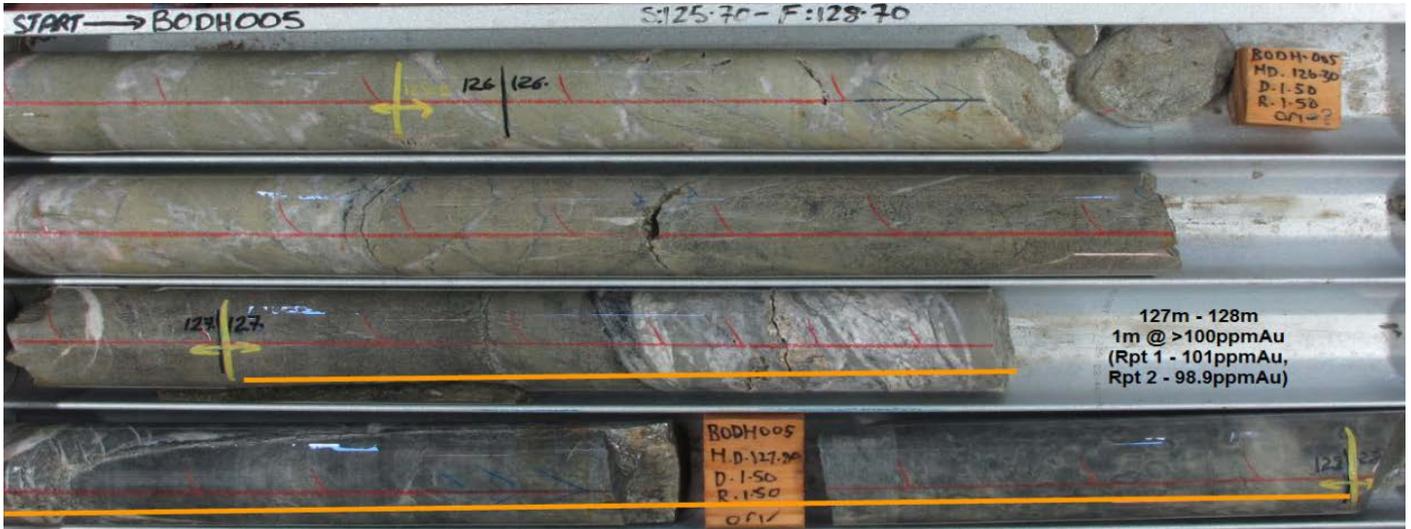


Figure 3 – Drillhole trace of BODH001 and BODH002 showing confirmation and extension of mineralisation. Review of the mineralisation has supported a much larger mineralisation outline and the opportunity for larger open pit options.

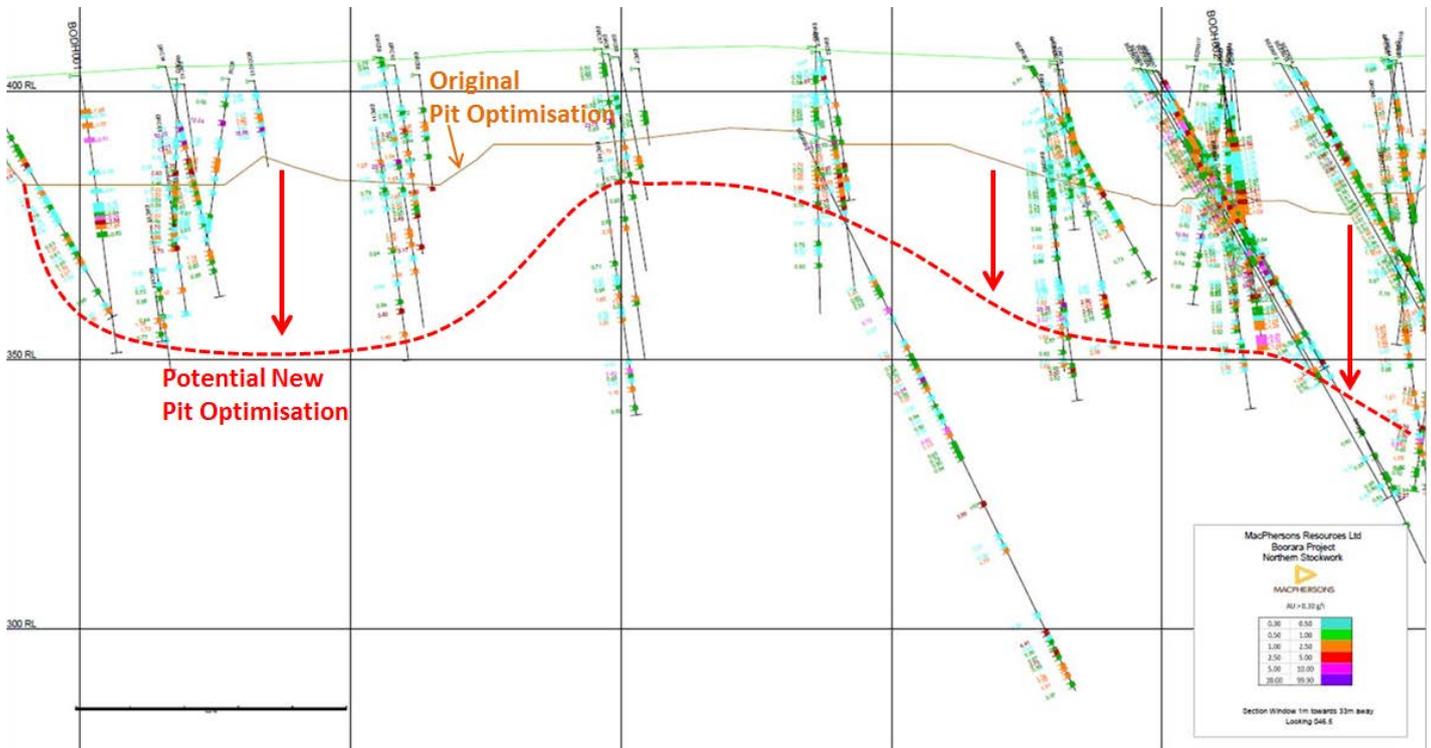
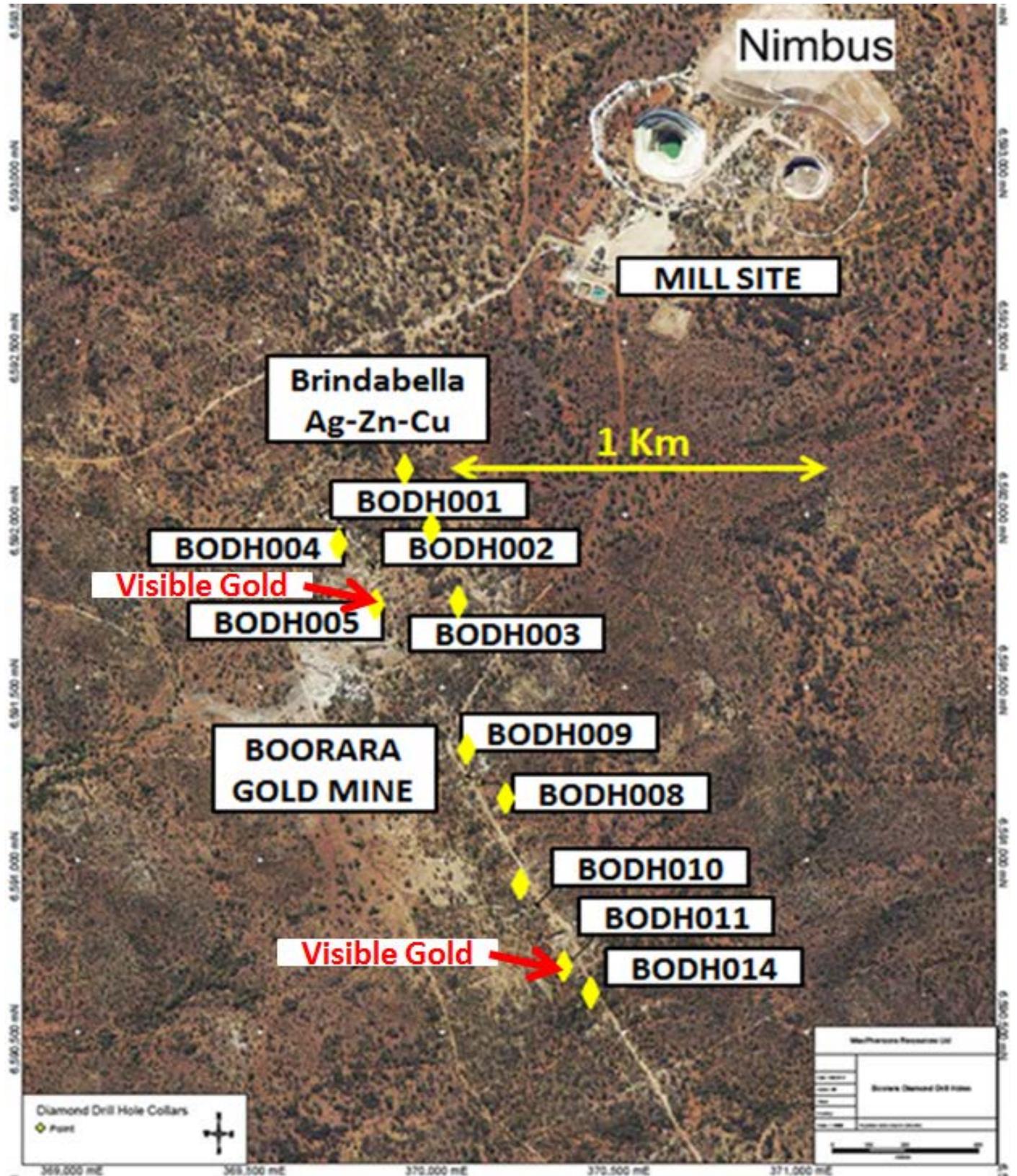


Figure 4 – Drill collar positions for the Boorara diamond drilling located 800m to 1700m southwest of the Nimbus processing plant.



## About MacPhersons

MacPhersons Resources Ltd (MRP) is a Western Australian resource company with a number of advanced gold, silver and zinc exploration projects.

The Company's focus is to explore and extend the highly prospective Boorara and MacPhersons geological domains of which the Company holds 100% interest in 20km and 11km of strikelength, respectively, including the Nimbus silver-gold-zinc mine and the namesake MacPhersons open cut gold mine.

To fast track the opportunity to process MacPhersons' ore within the MRP business, the Company has acquired mill processing and mine assets at the Nimbus silver-gold-zinc mine, located 10 km east of Kalgoorlie's superpit. The assets come with an approved site for ore processing.

The assets have advanced exploration targets adjacent to and beneath 10 existing open cuts and with multiple polymetallic VHMS deposits carrying silver-gold- zinc-lead-copper mineralisation, and new greenfields discoveries.

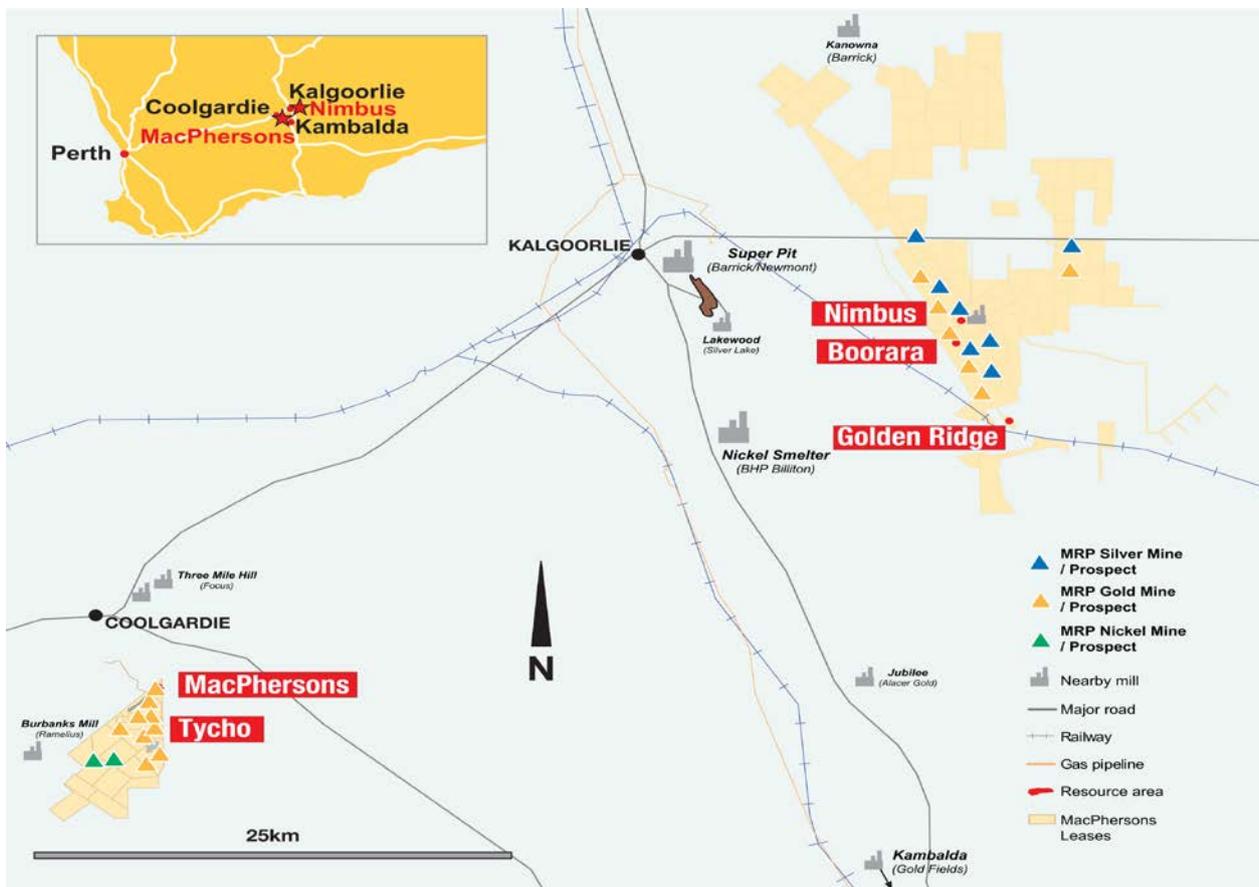


Figure 3 – Location of the Nimbus processing facility and silver mines, Boorara gold-silver-zinc projects, the MacPhersons Reward gold mine and Tycho gold project at Coolgardie.

## Competent Person's Statement

The information in this report that relates to mineral resources and exploration results is based on information compiled by Mr Morrie Goodz who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Morrie Goodz is a full time officer of MacPhersons Resources Ltd and 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 Goodz has given his consent to the inclusion in this report of the matters based on the information in the form and context in which it appears.