

19 March 2018

Geopacific Resources (GPR)

BUY

Share Price: A\$0.032

Woodlark PFS demonstrates a solid, low risk project

Target Price:

A\$0.08

After undertaking an extensive work program, Geopacific Resources (GPR) has released the pre-feasibility study (PFS) on the Woodlark Gold Project, located on Woodlark Island in PNG. Woodlark is a straightforward, open pit gold project delivering >1Moz over a 10yr mine life at A\$1,100/oz AISC. Exploration upside is significant & will undoubtedly add to mine life. Importantly, the project sits on a mining lease and is fully permitted, paving the way for a development decision over coming months. The project stacks up well against its gold development peers, with a very low strip ratio, long mine life, comparable costs and good capital intensity. EV metrics illustrate GPR is cheap compared to this peer group, a factor we believe can change as the quality of Woodlark is better understood. Maintain BUY, price target of A\$0.08/sh.

A high level of confidence in the 'new' Woodlark

- Low-risk open pits at 3.1:1 strip ratio (2.5:1 in first 5yrs)
- Life-of-mine processed grade of 1.42g/t
- Free-milling ore averaging 90% recovery over mine life
- 1.1Moz reserve, 1.01Moz gold recovered
- Production of 100kozpa for 10yrs with scope to extend
- Pre-production capex \$180m including pre-strip & mining fleet; 2.2yr payback expected
- Extensive work program included reassessment of historical data, infill drilling, pit optimisation/scheduling, additional metallurgy, geotechnical & hydrology studies
- Favourable location to build a mine with air & deep-sea access, flat topography, supportive locals & Gov't

Innovative approach to treat 'mineralised waste'

- Gravity 'upgrade plant' built in year 3 for \$17m to process low grade material that would have been mined as waste or stockpiled as mineralised waste
- Open pits designed using a standard 0.47g/t cut-off grade, with an in-pit cut-off of 0.3g/t
- 15Mt at 0.43g/t processed through upgrade plant to produce 3Mt at 1.84g/t of gravity concentrate for 177koz

Exploration upside is significant

- Fieldwork now focused on prioritising and testing the numerous exploration targets at Woodlark
- Exploration success likely to improve production profile and continue building mine life

Price target A\$0.08/sh (previous A\$0.10/sh)

- Our price target is based on 1xP/NPV₁₀ which assumes 100kozpa at A\$1,050/oz AISC over 12 yrs

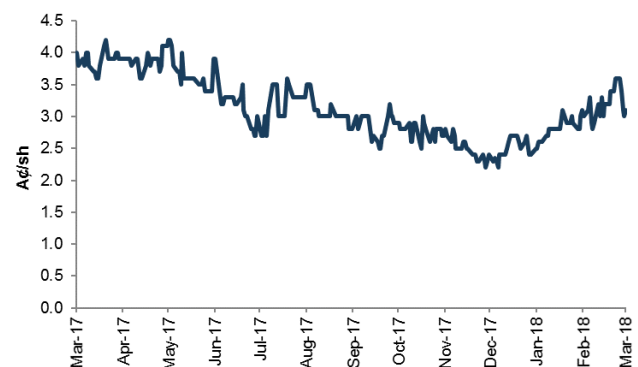
Company Data

Shares – ordinary (M)	1,802
Market capitalisation (\$M)	A\$56
12 month low/high (\$)	\$0.022 / \$0.043
Average monthly turnover (\$M)	\$0.65m
GICS Industry	Diversified metals & mining

Financial Summary (fully diluted/normalised)

Year end June	2017F	2018F	2019F	2020F	2021F
Revenue (\$M)	0.0	0.0	0.0	114.3	157.0
Costs (\$M)	3.0	3.0	3.0	48.6	79.8
EBITDA (\$M)	-3.0	-3.0	-3.0	65.8	77.2
NPAT (\$M)	-2.8	-2.8	-2.8	38.3	39.0
EPS (¢ps)	-0.2	-0.1	-0.1	1.2	1.2
EPS Growth (%)	-57.4	-7.3	37.5	>100%	1.8
PER (x)	na	na	na	2.6	2.5
Cashflow (\$M)	-5.0	-2.8	-2.8	61.5	73.3
CFPS (¢ps)	-0.3	-0.1	-0.1	1.9	2.3
PCFPS (x)	na	na	na	1.6	1.4
Enterprise Value (\$M)	48	54	132	151	92
EV / EBITDA (x)	-16.1	-18.1	-44.1	2.3	1.2
Payout ratio (%)	0.0	0.0	0.0	0.0	0.0
Dividends (¢ps)	0.0	0.0	0.0	0.0	0.0
Yield (%)	0.0	0.0	0.0	0.0	0.0
Franking (%)	0.0	0.0	0.0	0.0	0.0

GPR – performance over one year



Disclosure and Disclaimer

This report must be read with the disclosure and disclaimer on the final page of this document. Petra Capital Pty Ltd acted as sole lead manager and bookrunner for GPR's placement of \$10.5m at A\$0.03/share on 1 September 2017, for which a fee was received.

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Analysis

Geopacific Resources (GPR)

16-Mar-18						Share Price (\$)							
Year End 31 Dec						Mkt Cap. (\$M)							
A\$						Unlisted Options (M)							
PROFIT & LOSS						2016A							
						2017F							
						2018F							
						2019F							
						2020F							
Sales Revenue	\$M	0.0	0.0	0.0	0.0	114.3	RESOURCES INVENTORY						
Other Income	\$M	0.1	0.0	0.0	0.0	0.0	Mining Inventory						
Operating Costs	\$M	1.9	3.0	3.0	3.0	48.6	Tonnes	Mt	0.0	24.5	24.5	24.5	22.9
Exploration	\$M	0.0	0.0	0.0	0.0	0.0	Grade	g/t	0.0	1.4	1.4	1.42	1.41
Other	\$M	0.0	0.0	0.0	0.0	0.0	Contained Gold	oz	0	0	1,118,524	1,118,524	1,038,122
EBITDA	\$M	(1.9)	(3.0)	(3.0)	(3.0)	65.8	Resources						
Dep. & Amort.	\$M	0.1	0.0	0.0	0.0	6.8	Tonnes	Mt	0.0	47	47	47	45
EBIT	\$M	(1.9)	(3.0)	(3.0)	(3.0)	59.0	Grade	g/t	0.0	1.0	1.0	1.0	1.0
Net Interest	\$M	0.0	(0.2)	(0.2)	(0.2)	4.2	Contained Gold	oz	0	0	1,571,528	1,571,528	1,491,126
Pre-Tax Profit	\$M	(1.9)	(2.8)	(2.8)	(2.8)	54.8	PRODUCTION (100%)						
Tax	\$M	(2.2)	0.0	0.0	0.0	16.4	Ore Milled	Mt	0.00	0.00	0.00	0.0	1.6
Minorities	\$M	0.0	0.0	0.0	0.0	0.0	Grade	g/t	0.0	0.0	0.0	0.0	1.6
Net Profit	\$M	0.3	(2.8)	(2.8)	(2.8)	38.4	Recovery	%	0%	0%	0%	0%	92%
Abnormal	\$M	0.0	0.0	0.0	0.0	0.0	Gold Produced	oz	0	0	0	0	73,970
Reported Profit	\$M	0.3	(2.8)	(2.8)	(2.8)	38.4	REVENUE (attributable)						
Dividends Paid	\$M	0.0	0.0	0.0	0.0	0.0	Woodlark	\$M	0.0	0.0	0.0	0.0	114.3
Adjustments	\$M	0.0	0.0	0.0	0.0	0.0	Other	\$M	0.0	0.0	0.0	0.0	0.0
Retained Earnings	\$M	(13.7)	(16.5)	(19.3)	(22.1)	16.3	Total	\$M	0.0	0.0	0.0	0.0	114.3
CASH FLOW						COSTS (attributable)							
Revenue	\$M	0.0	0.0	0.0	0.0	114.3	Cash costs	A\$/oz	0	0	0	0	627
Costs	\$M	(3.6)	(3.0)	(3.0)	(3.0)	(48.6)	All in sustaining costs	A\$/oz	0	0	0	0	726
Net Interest	\$M	0.1	0.2	0.2	0.2	(4.2)	Cash costs	US\$/oz	0	0	0	0	470
Tax Paid	\$M	0.0	0.0	0.0	0.0	0.0	All in sustaining costs	US\$/oz	0	0	0	0	545
Gross Cash Flow	\$M	(3.5)	(2.8)	(2.8)	(2.8)	61.6	Cash costs	\$M	0.0	0.0	0.0	0.0	45.6
Net Capex	\$M	(0.0)	0.0	0.0	(92.8)	(75.7)	Other/corporate	\$M	2.0	3.0	3.0	3.0	3.0
Exploration	\$M	(12.1)	(9.5)	(7.0)	(5.0)	(5.0)	Total	\$M	2.0	3.0	3.0	3.0	48.6
Dividends	\$M	0.0	0.0	0.0	0.0	0.0	CAPEX (attributable)						
Other	\$M	0.0	0.0	0.0	0.0	0.0	Woodlark	\$M	0.0	0.0	0.0	92.8	75.7
Free Cashflow	\$M	(15.7)	(12.2)	(9.8)	(100.5)	(19.1)	Other	\$M	0.0	0.0	0.0	0.0	0.0
Equity Issues	\$M	14.6	10.5	10.0	60.0	0.0	Total	\$M	0.0	0.0	0.0	92.8	75.7
Net Borrowings	\$M	0.0	0.0	0.0	60.0	0.0	DEPRECIATION (attributable)						
Net Investments	\$M	0.0	0.0	0.0	0.0	0.0	Woodlark	\$M	0.0	0.0	0.0	0.0	6.8
Surplus Cash Flow	\$M	(1.1)	(1.7)	0.2	19.5	(19.1)	Other	\$M	0.0	0.0	0.0	0.0	0.0
BALANCE SHEET						Total							
Cash	\$M	11.5	9.8	10.0	29.4	10.3	Woodlark	\$M	0.0	0.0	0.0	0.0	6.8
Other Current	\$M	2.3	4.2	4.2	4.2	4.2	Other	\$M	0.0	0.0	0.0	0.0	0.0
Total Current	\$M	13.7	13.9	14.1	33.6	14.5	Total	\$M	0.0	0.0	0.0	0.0	6.8
Fixed Assets	\$M	0.1	0.1	0.1	92.9	161.7	EBITDA (attributable)						
Exploration	\$M	33.2	42.7	49.7	54.7	59.7	Woodlark	\$M	-2.0	-3.0	-3.0	-3.0	65.8
Intangibles	\$M	0.0	0.0	0.0	0.0	0.0	Other (incl. writedowns)	\$M	0.0	0.0	0.0	0.0	0.0
Other	\$M	13.7	13.7	13.7	13.7	13.7	Total	\$M	-2.0	-3.0	-3.0	-3.0	65.8
Total NC Assets	\$M	47.0	56.4	63.4	161.2	235.1	HEDGING (attributable)						
TOTAL ASSETS	\$M	60.7	70.3	77.5	194.8	249.5	Gold hedged	oz	0	0	0	0	0
Total Debt	\$M	0.0	0.0	0.0	60.0	60.0	Hedged price	US\$/oz	0	0	0	0	0
Current Liab	\$M	0.6	0.6	0.6	0.6	17.0	Hedged price	A\$/oz	0	0	0	0	0
Non Current Liab	\$M	2.2	0.0	0.0	0.0	0.0	Sales hedged	%	0%	0%	0%	0%	0%
TOTAL LIAB	\$M	2.8	0.6	0.6	60.6	77.0	Ave. deliverable price	US\$/oz	1247	1258	1310	1275	1250
NET ASSETS	\$M	57.9	69.7	77.0	134.2	172.5	Ave. deliverable price	A\$/oz	1,677	1,641	1,701	1,700	1,667
SH/HLDRS FUNDS	\$M	62.0	69.7	77.0	134.2	172.5	ASSUMPTIONS						
RATIO ANALYSIS						Exchange Rate A\$/US\$ 0.74 0.77 0.77 0.75 0.75							
EPS	¢	0.0	(0.2)	(0.1)	(0.1)	1.2	Gold Price	US\$/oz	1247	1258	1310	1275	1250
PER	x	126.2	na	na	na	2.7	Gold Price	A\$/oz	1677	1641	1701	1700	1667
EPS Growth	%	>100	(704.2)	(8.8)	37.6	(1,473.6)	Silver price	US\$/oz	17.09	17.05	20.00	20.00	20.00
EBITDA per share	¢	-0.2	-0.2	-0.1	-0.1	2.1	90 day Bank Bills	%	2.14	2.09	2.09	2.09	2.09
EBITDA Multiple	x	-19.8	-19.2	-21.4	-34.2	1.6	10 Yr Bond rate	%	2.38	2.78	2.78	2.78	2.78
EV/EBITDA	x	-13.6	-16.0	-18.0	-44.3	2.3	Interest Rate Charged	%	8.00	8.00	8.00	8.00	8.00
CFPS	¢	(0.3)	(0.2)	(0.1)	(0.1)	1.9	VALUATION (fully diluted) at 10% discount rate						
PCFR	x	na	na	na	na	1.7	Woodlark (92.75%)	ASM					190
DPS	¢	0.0	0.0	0.0	0.0	0.0	Exploration (incl Kou Sa & Fijj)	AS/sh					55
Yield	%	0.0	0.0	0.0	0.0	0.0	Corporate / Other						-13
Franking	%	0	0	0	0	0	Net Cash (Debt)						10
Payout Ratio	%	0%	0%	0%	0%	0%	Total						243
Gearing D/E	%	na	na	na	22.8	28.8							0.08
Interest Cover	x	0.0	12.5	14.7	14.4	14.1							
EBITDA Margin	%	na	na	na	na	57.5							
EBIT Margin	%	na	na	na	na	51.6							
Return On Assets	%	(3.2)	(4.3)	(3.9)	(1.5)	23.6							
Return On Equity	%	0.5	(4.0)	(3.6)	(2.1)	22.2							
Eff Tax rate	%	30	30	30	30	30							

Source: Petra Capital

Woodlark Pre-Feasibility Study (PFS)

GPR has delivered a robust PFS on the Woodlark Gold Project located on Woodlark Island, around 600km east of Port Moresby in the Milne Bay Province of PNG (Figure 1). Woodlark is in good company, with numerous large gold projects located throughout the PNG archipelago and mainland.

The PFS comes after a 14-15 month period of detailed work programs, including a full data review of historical information, infill and extensional drilling, metallurgical testwork, processing plant design, as well as resource/reserve estimates and open pit optimisation. Whilst the PFS outlines a different project compared to what was considered in the past, we feel the project is more robust, lower-risk and more easily funded.

Further, the definition of a 1.2Moz reserve using the prescribed parameters in the joint-venture agreement with Kula Gold, means GPR now hold a 92.75% interest in Woodlark.

Figure 1: Location of Woodlark Gold Project



Source: Company reports

Key outcomes of PFS

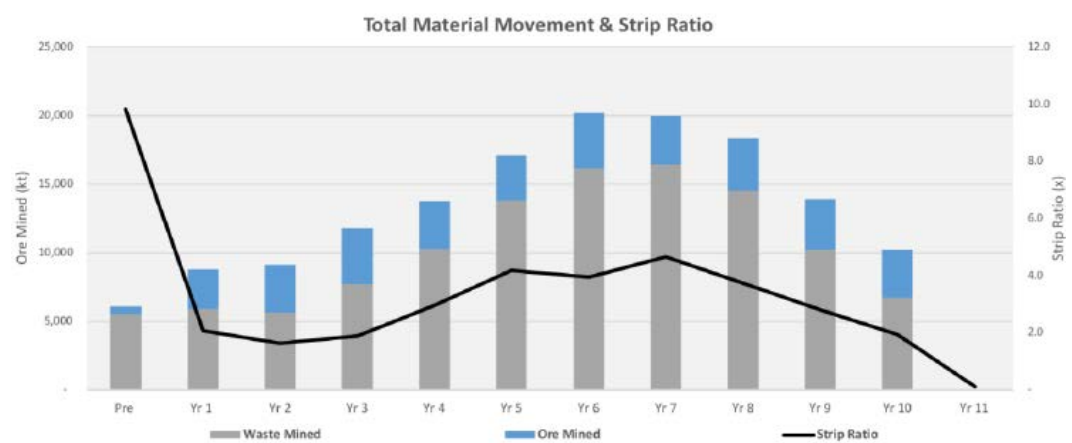
- 24.5Mt at 1.42g/t processed
- Life-of-mine strip ratio of 3.1:1, 2.5:1 over first 5 years
- Mining costs of A\$2.75/t
- 2.4Mtpa CIL plant with a gravity 'upgrade plant' introduced in year 3
- 90% recovery, with 92% for first 5 years
- 1.01M recovered ounces
- Average 100kozpa over a 10 year mine life
- Life-of-mine AISC of A\$1,100/oz, A\$990/oz in first 5 years
- Pre-production capex of \$180m includes \$18m pre-stripping and \$22m for mining fleet
- Upgrade plant capex of \$17m
- High gravity recoveries up to 60%
- Medium to coarse grind of P80 106µm
- 2.2 year project payback
- Definitive Feasibility Study to be released in SepQ 2018
- Gold price of A\$1,650/oz assumed for economic analysis and reserve calculations
- Satisfaction of second tranche of the joint venture agreement taking GPR overall economic interest in Woodlark to 92.75%

Mining in large, shallow open pits at low strip ratios

Open pit mining will be conducted by conventional excavator and articulated truck fleets to ensure equipment efficiency and reliability in the weather conditions. Mining is assumed to be owner-operated, with \$22m of capital included in the pre-production capex estimate.

The strip ratio of 3.1:1 reflects the large, low risk nature of the open pits. Whereas previous plans had relied upon selective mining of higher grade zones, the nature of the epithermal mineralisation at Woodlark is better suited to a 'bulk-style' mining operation where there is limited risk of excessive dilution. The strip ratio of 2.5:1 over the first 5 years significantly contributes to project economics and rapid payback (Figure 2). Open pit wall angles remain conservative, in our view, with opportunity to optimise and potentially reduce the strip ratio once operations are underway; this is particularly the case in the overlying coronus material. Open pits average only 150m deep, with opportunities to push pits deeper if wall angles can be steepened and with further drilling.

Figure 2: Ore and waste movements over the life-of-mine



Source: Company reports

Innovative solution to process plant design to maximise gold production

GPR has developed an innovative solution to treating the ‘mineralised waste’ contained within the open pits. Open pits have been designed using a fairly standard 0.47g/t Au cut-off grade. However, within these pits a lower cut-off grade of 0.3g/t is used to classify low grade ore that would have otherwise been mined as either waste or stockpiled as mineralised waste for processing at the backend of the mine life. This material therefore only carries the marginal cost of processing.

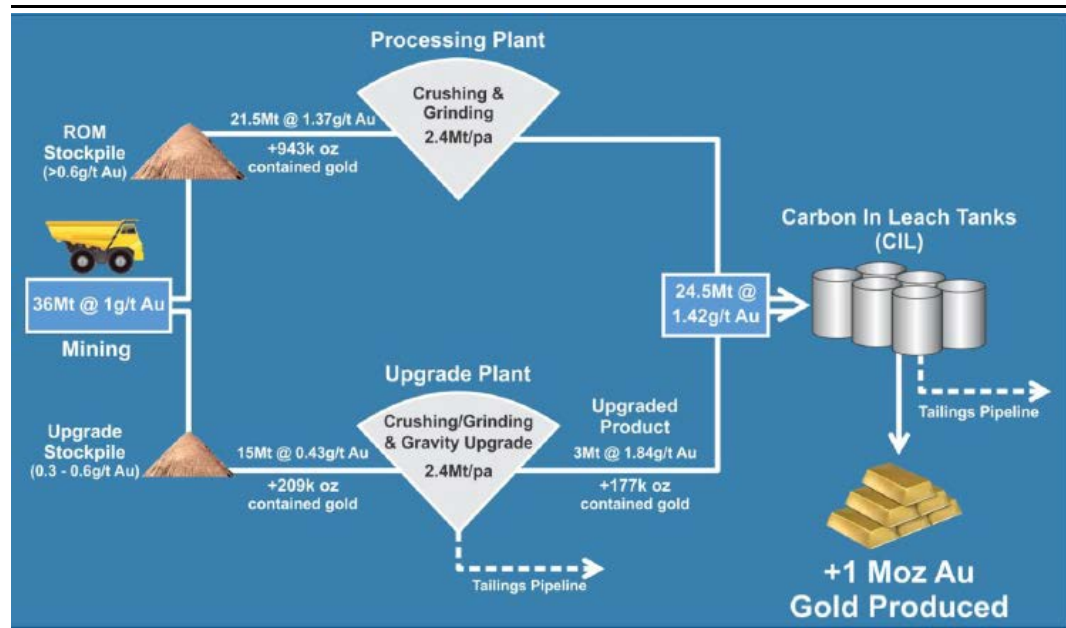
Woodlark will start at 2.4Mtpa conventional CIL processing circuit with a head grade of 1.6g/t for the first two years. This is a standard crush-SAG-ball-gravity-CIL flowsheet with a grind size of P80 106µm. During this time ore grading >0.6g/t will be placed on the ROM for processing, whilst ore at 0.3-0.6g/t will be stockpiled.

In the middle of year 3, another processing circuit will be installed for a cost of A\$17m, termed an ‘upgrade plant’. This will exploit the specific mineral qualities of the low-grade gold ore at Woodlark, with this material shown to be readily amenable to upgrading through gravity separation. In this instance, gold is associated with pyrite and iron oxides (oxidised pyrite) making it easy to upgrade using standard gravity techniques.

This plant will utilise a simple 2.4Mtpa crushing-grinding and gravity circuit (Knelson concentrators & spirals) to create a gravity concentrate for treatment through the common CIL backend (Figure 3). Total feed of 15Mt at 0.43g/t will be processed into 3Mt at 1.84g/t containing 177koz; this adds around 25koz to gold production per year.

We estimate the total processing cost, including the operation of both circuits, will be A\$21.60/t.

Figure 3: Simplified process flowsheet for Woodlark



Source: Company reports

Exploration likely to add material upside to the project

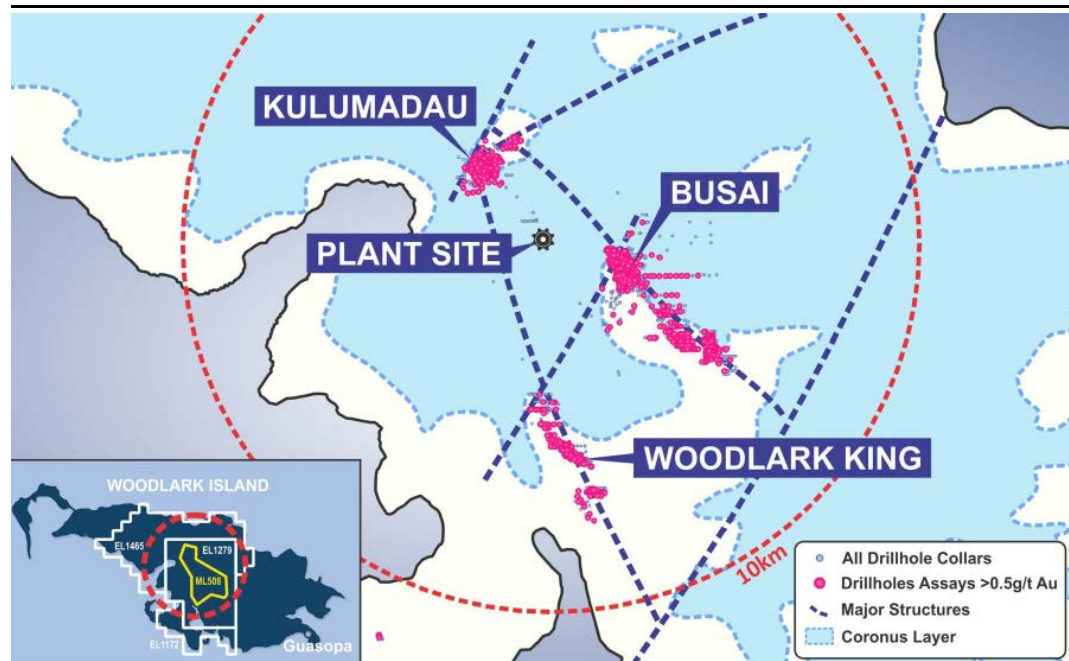
Despite having countless exploration targets to follow up, GPR has remained firmly focused on completing updated resources, reserves and the PFS for Woodlark. With the PFS now complete and the DFS well advanced, exploration will now be prioritised.

A number of key near-mine areas have the potential to materially contribute to the mine plan, especially in the early years.

At Kulumadau, there are a two targets which represent near-term upside. Firstly, there are a number of significant drill holes sitting adjacent to the pit shell, with further drilling required before they can be incorporated into a larger pit. In most part, this drilling remains limited by the location of the Kulumadau village, with access becoming available once the village relocation is complete prior to the mine starting production. Secondly, mineralisation remains open at depth, with further drilling likely to pull the pits deeper; this will be easier to achieve if pit wall angles can be steepened.

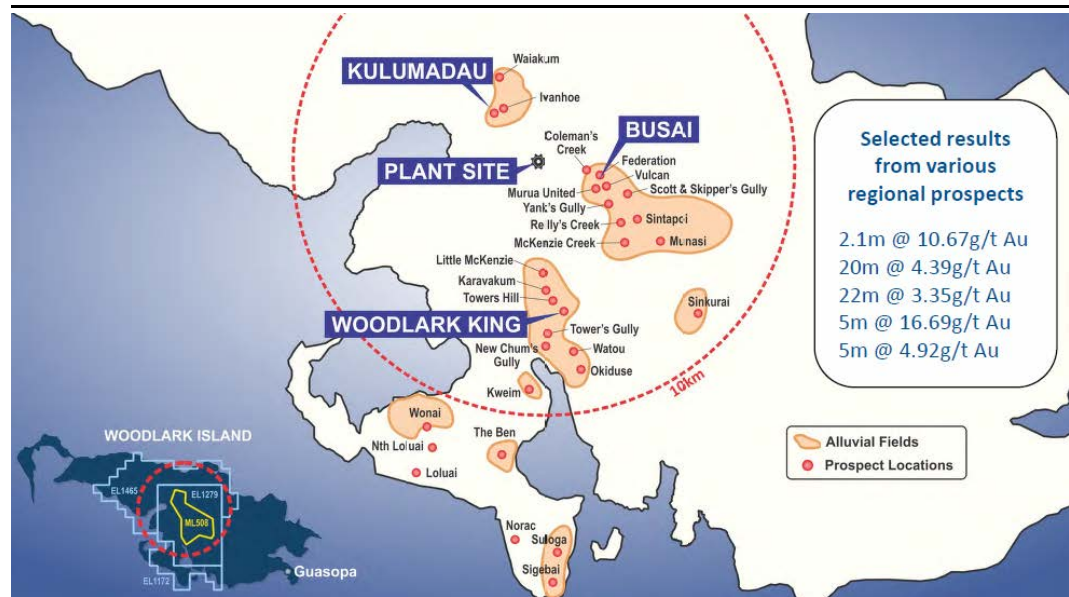
Several other near-mine and extensional targets require follow up, including the depth extension of the recent Boscala discovery, the Great Northern target, Busai North as well as Watoa and Munasi further afield. Most of these targets are simply following the structural corridors which current host the main orebodies in Kulumadau and Busai; this is particularly the case in areas which extend under the thin coronus cover sequence (Figure 4). The 5km structural corridor between Busai and Kulumadau is also a high priority target. The numerous regional targets are in the process of being prioritised and ground-truthed prior to further tested (Figure 5).

Figure 4: All drilling at Woodlark has focused on areas ‘daylighting’ through the coronus



Source: Company reports

Figure 5: Some of the exploration targets around the main orebodies at Woodlark



Source: Company reports

Economic analysis and updated valuation

We have updated our model to align with the new parameters of the Woodlark project, with the exception of mine life; we assume a 12 year mine life compared to the current 10 years as defined in the PFS (Figure 6). We forecast average life-of-mine production of 100koz at average AISC of A\$1,050/oz. We believe there are multiple opportunities to expand the main orebodies at Kulumadau and Busai, in addition to more regional discoveries. Our gold price and currency forecasts have also been updated.

We assume construction gets underway in early CY19, with mining occurring in early CY20 and full production by mid CY20. Our funding assumption is split 60/40 debt/equity, with \$70m raised at \$0.05/sh.

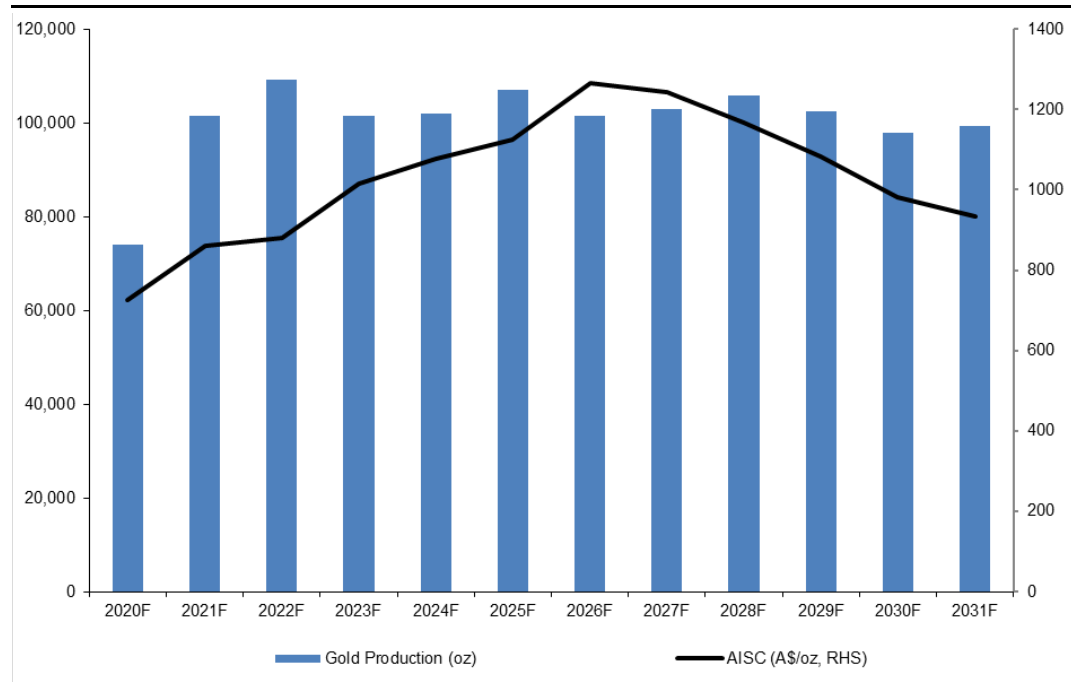
We value Woodlark at A\$190m (A\$0.06/sh) using a 10% discount rate and an average gold price of US\$1,210/oz and 0.75 AUDUSD (A\$1,610/oz). We include a nominal valuation of A\$55m (A\$0.02/sh) for the Kou Sa and Fijian assets, as well as the extensive exploration upside apparent on Woodlark (Figure 7).

Our group valuation of A\$240m (A\$0.08/sh) is fully diluted for new equity funding required to build the project. However, we also recognise there are multiple options available to GPR to assist funding the Woodlark development including partial sale of the project, joint venture, royalty deals, hedging or hybrid equity/debt instruments.

Our prior valuation of A\$0.10/sh was based on the scope of the previous project outlined in feasibility studies delivered in 2012; this featured higher grade, less pre-development capex and lower forecast operating costs. We had also included a higher nominal exploration value and new equity funding being raised at a higher share price. We view the current project to be a far more robust proposition with upside as exploration delivers additional ounces.

Valuation sensitivities are provided in Figure 8. GPR is valued at A\$0.09/sh at spot commodity prices and FX (US\$1,314/oz and 0.7775 AUDUSD).

Figure 6: Petra gold production and ASIC forecasts



Source: Petra Capital

Figure 7: Fully diluted valuation at 10% discount rate

	A\$m	A\$/share
Woodlark (92.75%)	190	0.06
Exploration (incl Kou Sa & Fiji)	55	0.02
Corporate	-13	-0.00
Net cash (debt)	8	0.00
Total	240	0.08

Source: Petra Capital

Figure 8: Valuation sensitivities based on various US\$ gold price and AUDUSD forecasts

	0.60	0.65	0.70	0.75	0.80	0.85	0.90	0.95
1100	0.11	0.09	0.07	0.05	0.04	0.02	0.01	0.00
1150	0.12	0.10	0.08	0.06	0.05	0.03	0.02	0.01
1200	0.13	0.11	0.09	0.08*	0.06	0.04	0.03	0.02
1250	0.15	0.12	0.10	0.08	0.07	0.05	0.04	0.03
1300	0.16	0.13	0.11	0.09	0.08	0.06	0.05	0.04
1350	0.17	0.15	0.12	0.10	0.09	0.07	0.06	0.04
1400	0.19	0.16	0.13	0.11	0.10	0.08	0.07	0.05
1450	0.20	0.17	0.15	0.12	0.11	0.09	0.07	0.06
1500	0.21	0.18	0.16	0.13	0.12	0.10	0.08	0.07
1550	0.23	0.19	0.17	0.15	0.12	0.11	0.09	0.08
1600	0.24	0.21	0.18	0.16	0.13	0.12	0.10	0.09

Source: Petra Capital

*Current assumptions for base case valuation

Woodlark comps up well against ASX-listed gold developers

In Figures 9 – 14, we compare key parameters of Woodlark and GPR to other ASX-listed gold development companies. The comparison illustrates the quality of Woodlark on several metrics, especially when compared to some better known development projects owned by much larger companies.

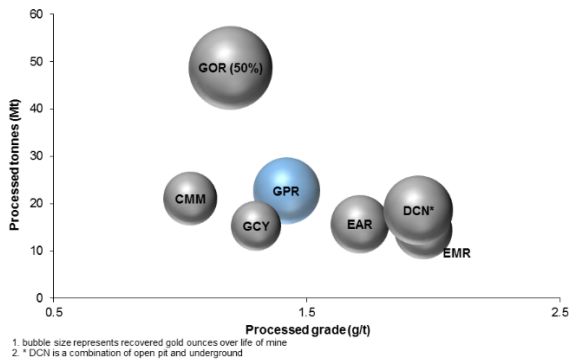
Annual gold output average 111koz across the group, which includes DCN at 145kozpa and GOR's share of Gruyere at 135koz. Total life-of-mine recovered gold production is dominated by Gruyere (GOR), however Woodlark and Mt Morgans (DCN) are comparable, before a step-down to the rest of the group (Figure 11). Average life-of-mine ASIC are A\$1,036/oz, slightly below GPR's A\$1,100/oz forecast.

Interestingly, looking at gold grades per tonne of material moved (average gold grade contained within both ore and waste combined), Woodlark compares very well against the peer group, despite appearing to have a low head grade (Figure 12). This is the benefit of having the second lowest strip ratio amongst the group, with Woodlark at 3.1:1 second only to Gruyere at 2.8:1.

Further, the capital intensity of the Woodlark Project is very competitive compared against new gold projects (Figure 10). EAR's Orelia project has very low capital intensity as it plans to utilise the Bronzewing mill, whilst others (such as GCY and DCN) will benefit from regional infrastructure availability (eg. roads, power, labour, ports, contractor accessibility etc) which help to improve overall capital cost and efficiency.

Looking at the key parameters of Woodlark compared to other projects, these charts also show how cheap GPR is relative to the gold developers on the ASX (Figure 13). We believe this gap can close as the quality of Woodlark is more broadly understood and the project is accepted into this peer group of gold development projects.

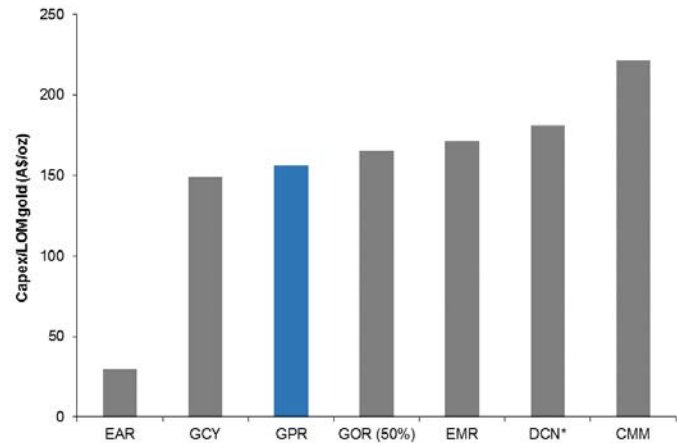
Figure 9: Processed tonnes, grade & LOM ounces



Source: Petra Capital, Company reports

*DCN open pit & underground

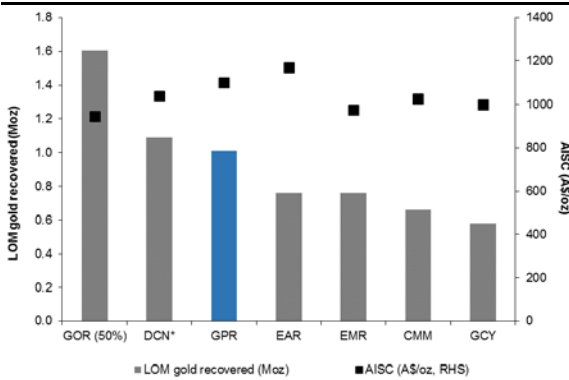
Figure 10: Capital intensity (capex/LOM gold production)



Source: Petra Capital, Company reports

*DCN open pit & underground

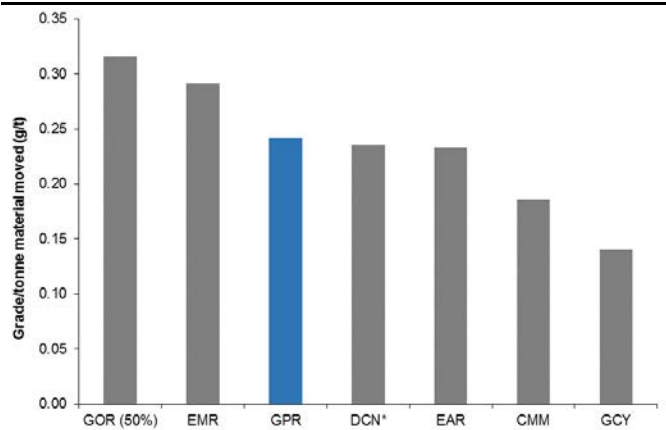
Figure 11: LOM gold recovered and AISC



Source: Petra Capital, Company reports

*DCN open pit & underground

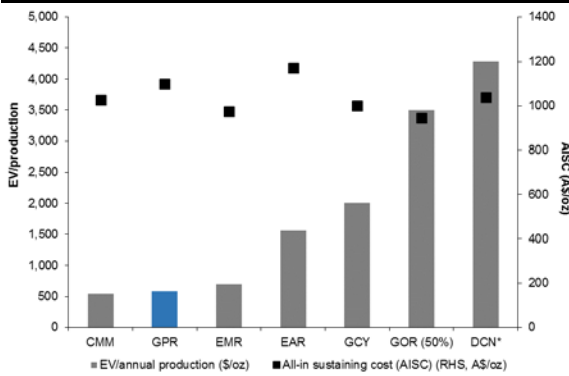
Figure 12: Gold grade per tonne of material moved



Source: Petra Capital, Company reports

*DCN open pit & underground

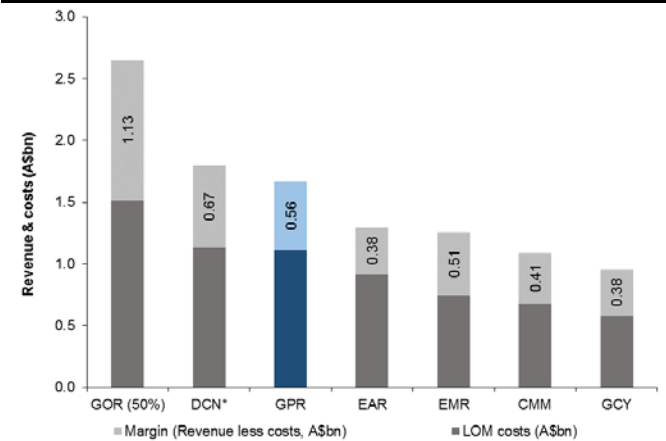
Figure 13: EV/oz annual production and AISC



Source: Petra Capital, Company reports

*DCN open pit & underground

Figure 14: LOM operating margin



Source: Petra Capital, Company reports

*DCN open pit & underground

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