

2022 drilling campaign concludes with further shallow high grade intersections

Geopacific Resources Ltd ('Geopacific' or 'the Company'; ASX: GPR) is pleased to provide an update on its recently concluded exploration drilling campaign at the Woodlark Gold Project ('Woodlark' or the 'Project'). The results of the 2022 drilling campaign have now all been received and reported.

Highlights

- Resource extension drilling and rheological test work holes at Busai and Kulumadau delivered positive near surface results (all within 100m of surface) including:
 - BSSTG001 with **91 metres at 2.64 g/t Au** from 40 metres, including **3 metres at 6.57/t Au** from 53 metres, **3 metres at 6.84 g/t Au** from 64 metres, **1 metre at 25.40 g/t Au** from 76 metres, **1 metre at 14.47 g/t Au** from 87 metres, **1 metre at 6.79 g/t Au** from 100 metres, **1 metre at 22.20 g/t Au** from 119 metres and **1 metre at 5.71 g/t Au** from 125 metres;
 - KURC22054 with **24 metres at 1.85 g/t Au** from 104 metres, including **1 metre at 8.70 g/t Au** from 109 metres, **1 metre at 6.41 g/t Au** from 111 metres, **1 metre at 3.01 g/t Au** from 117 metres and **2 metres at 3.61 g/t Au** from 121 metres;
 - KURC22060 with **24 metres at 3.94 g/t Au** from 31 metres, including **3 metres at 17.82 g/t Au** from 44 metres;
 - KURC22067 with **3 metres at 14.34 g/t Au** from 70 metres, including **1 metre at 39.55 g/t Au** from 70 metres;
 - KULSTG003 with **17 metres at 3.03 g/t Au** from 38 metres, including **1 metre at 14.35 g/t Au** from 41 metres and **2 metres at 10.64 g/t Au** from 43 metres.
- These results were not available at the time of the preparation of the recently reported Mineral Resource update¹ for the project and will be incorporated into future resource updates.

Interim Chief Executive Officer, Richard Clayton commented

"It is pleasing to see that the final phase of the 2022 drilling campaign on Woodlark Island has continued to yield positive results, further improving our confidence in the recently updated Mineral Resource and continuing to highlight the potential of the Project."

¹ Refer to ASX release on 23 December 2022 titled "Woodlark Project Mineral Resource Update".

Resource Extensional Drilling

Geopacific has now concluded its 2022 drilling program. In recent drilling, the Company has been able to test previously inaccessible areas facilitated by the ongoing community relocation program. This drilling has identified mineralisation that sits outside the historical pit design at Kulumadai and highlights the upside potential that exists at the Project. Further confidence has also been gained on the controls on high grade mineralisation at Kulumadai and Busai.

The rheological holes were drilled in order to obtain samples for additional rheological test work relating to the deep-sea tailings disposal pipeline design.

The full suite of significant intercepts relating to this release are presented as Appendix A. Figures 1 to 9 present representative plans and cross-sections showing the drill results relative to the block model from the recent Mineral Resource update.

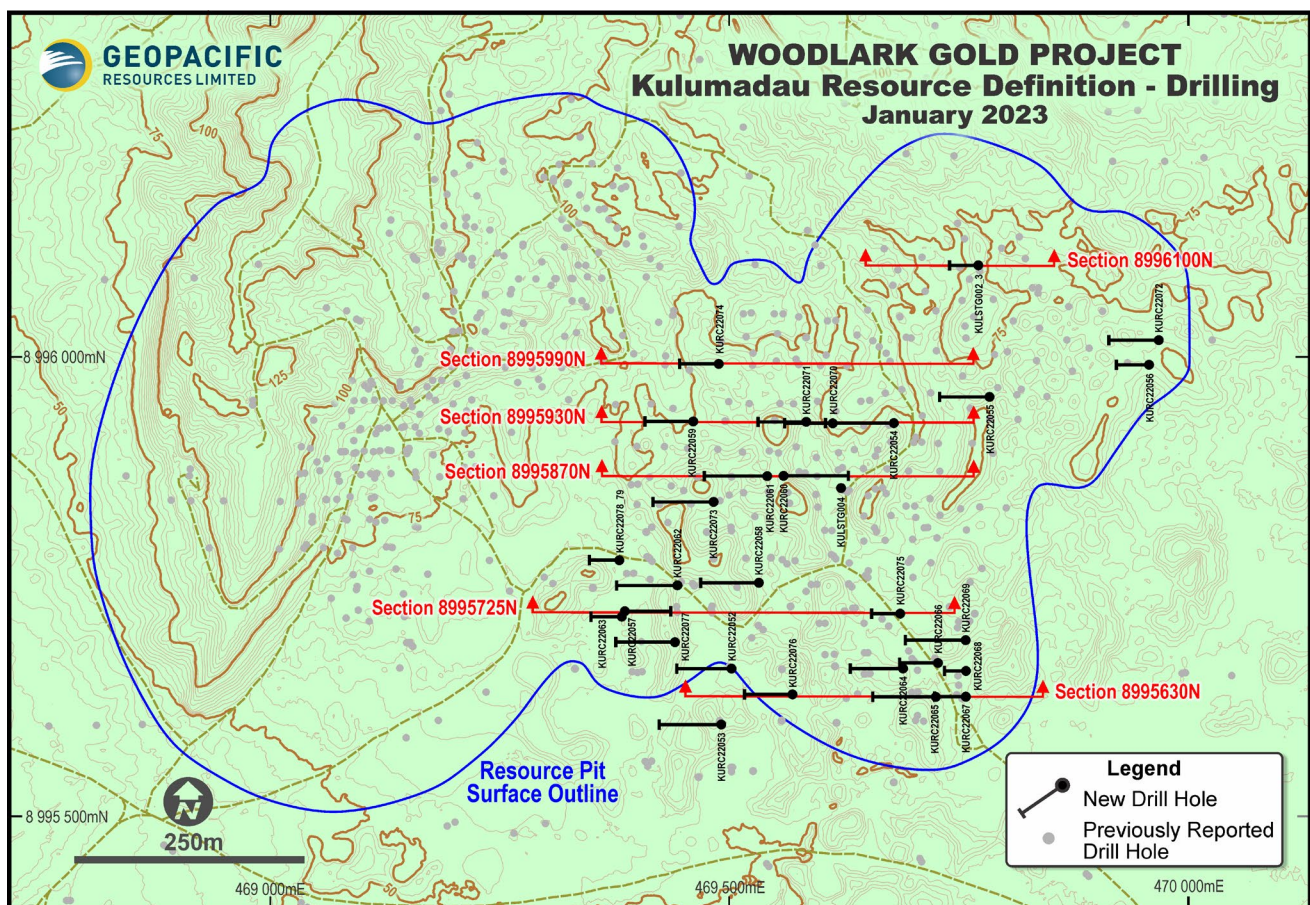


Figure 1: Plan view of drilling at Kulumadai

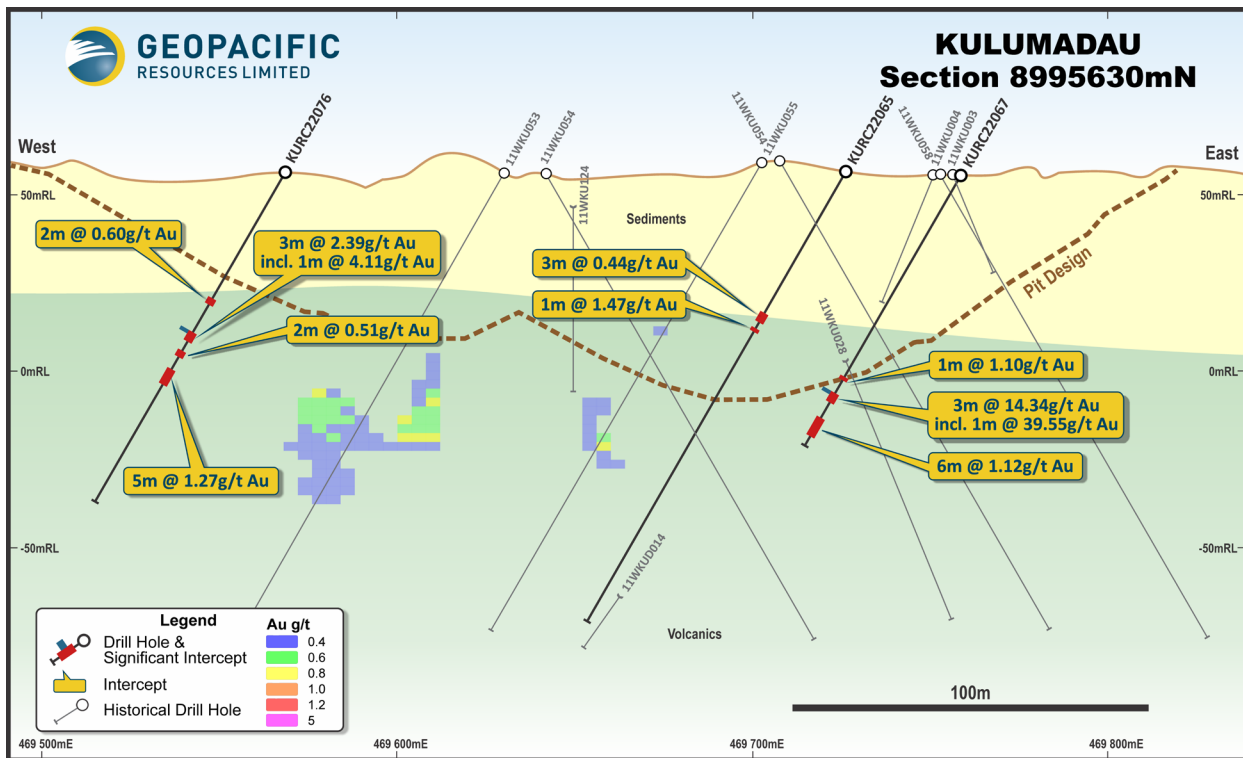


Figure 2: Kulumadau cross-section 8995630N

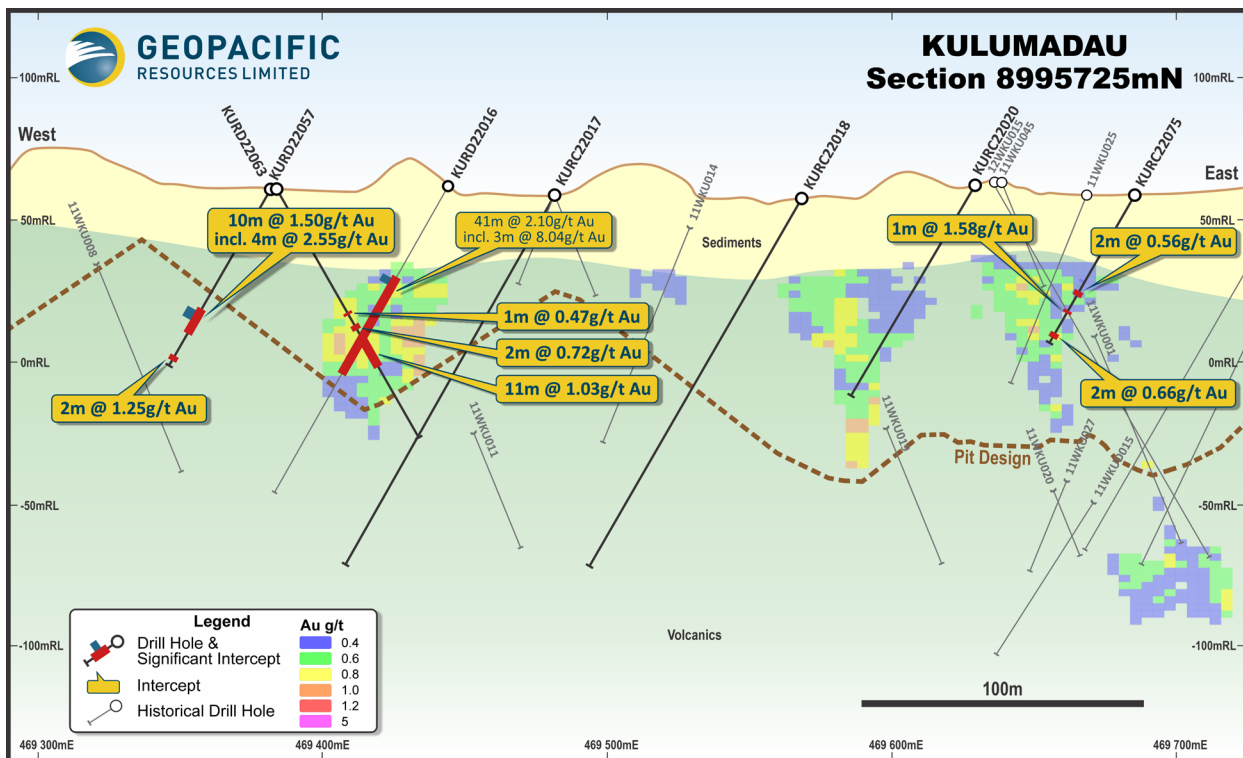


Figure 3: Kulumadau cross-section 8995725N

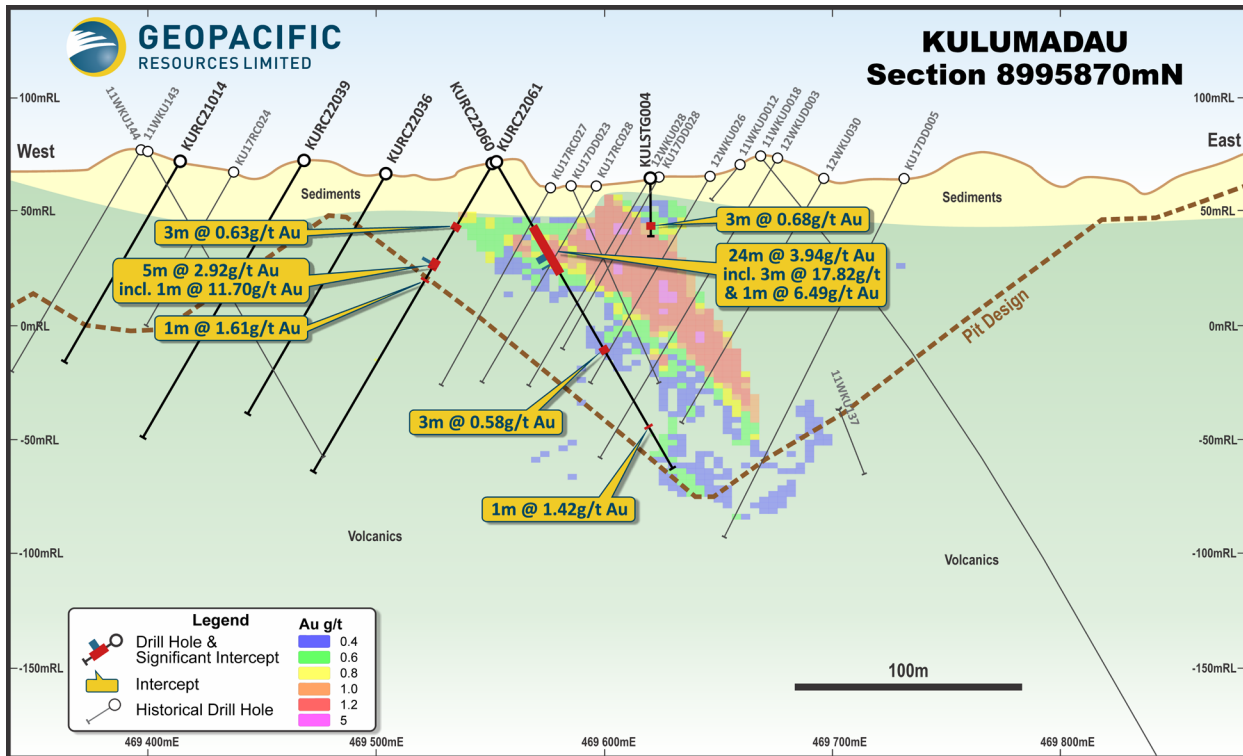


Figure 4: Kulumadau cross-section 8995870N

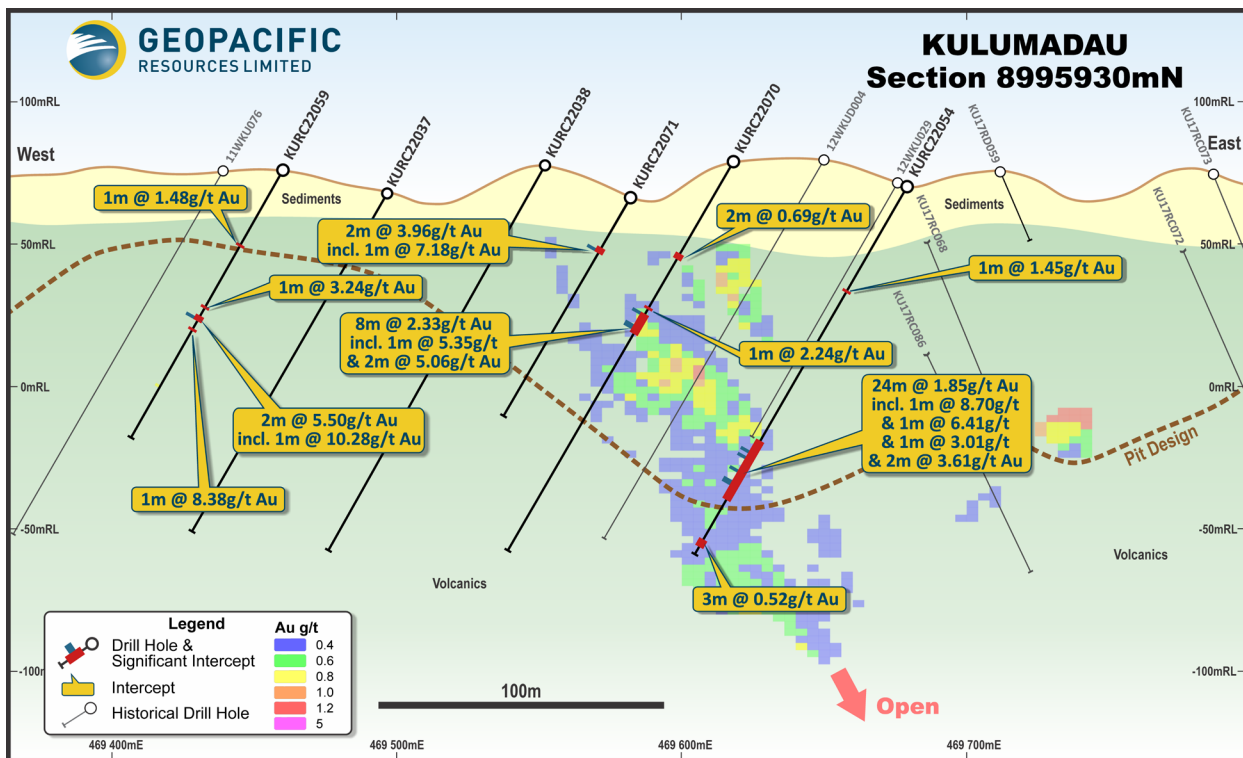


Figure 5: Kulumadau cross-section 8995930N

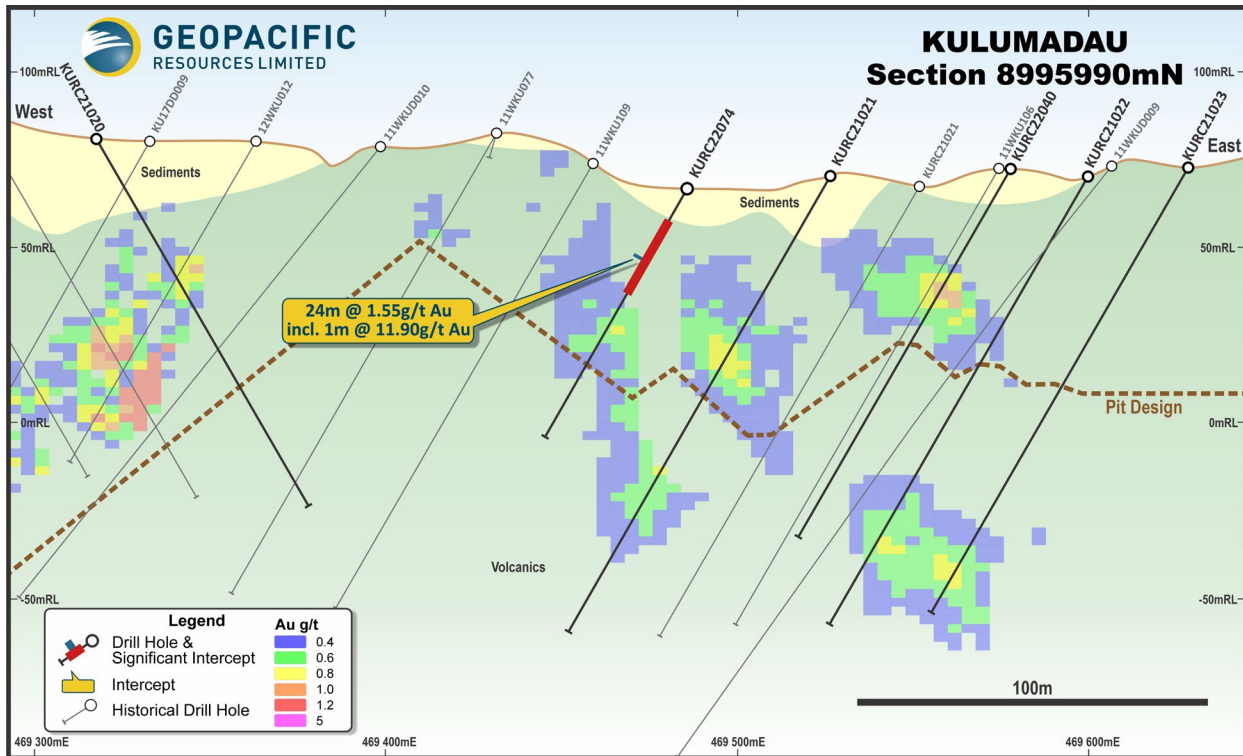


Figure 6: Kulumadau cross-section 8995990N

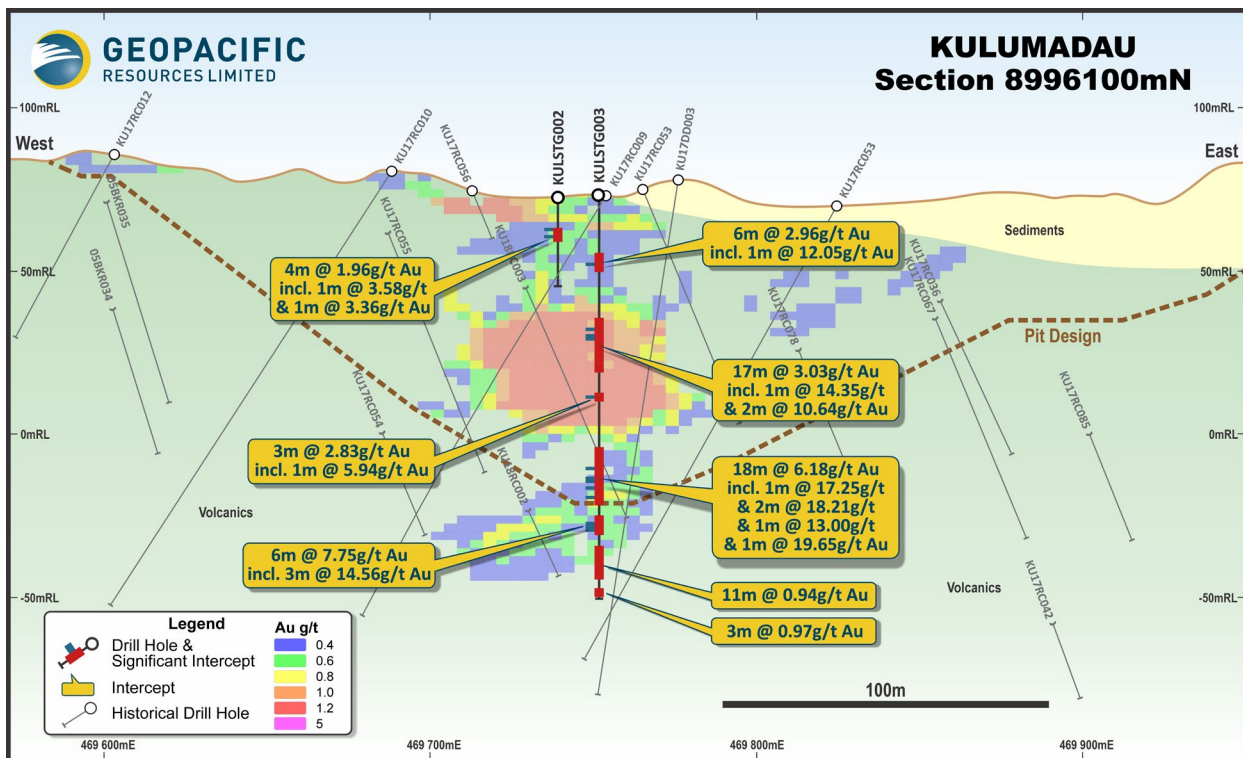


Figure 7: Kulumadau cross-section 8996100N

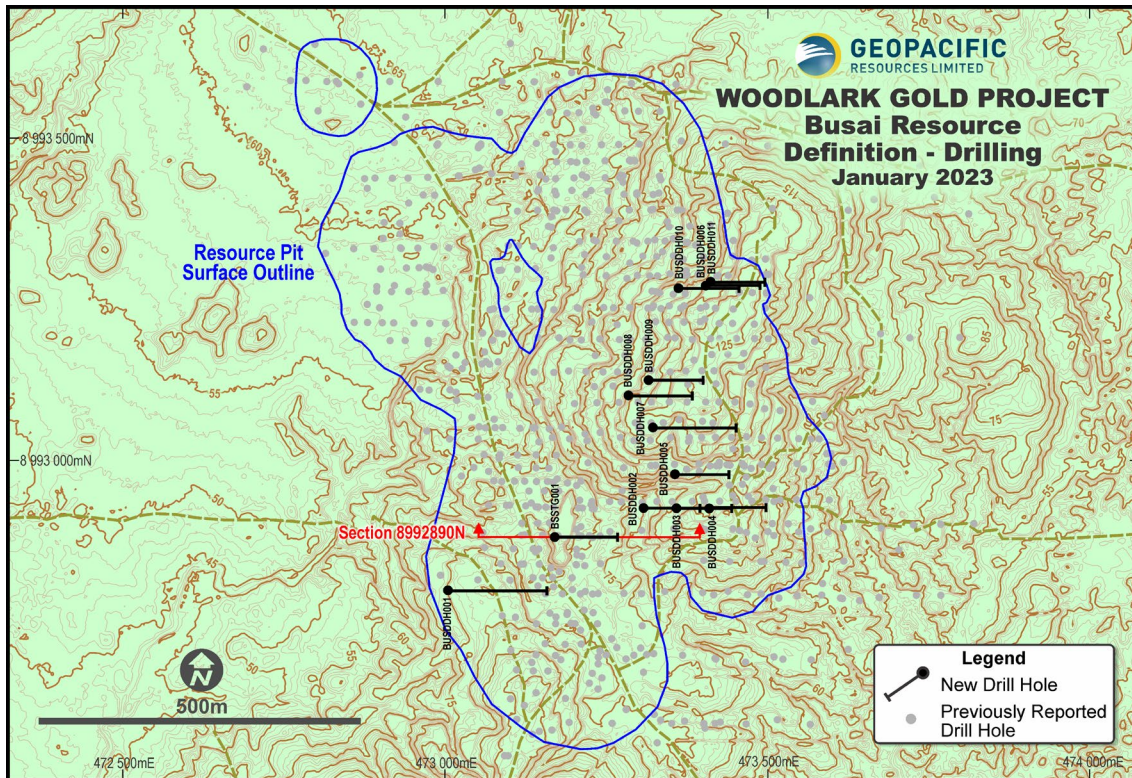


Figure 8: Plan view of drilling at Busai

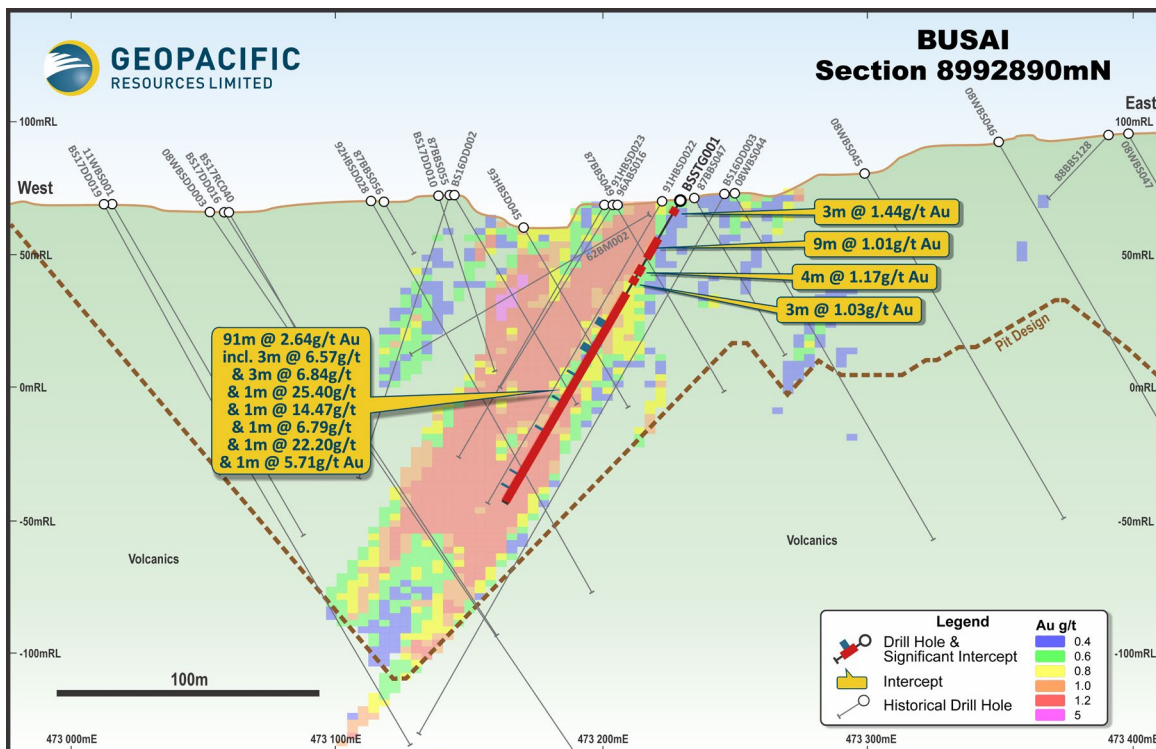


Figure 9: Busai cross-section 8992890N

The Woodlark Project

The Woodlark Project currently has a 1.5Moz gold resource with significant exploration upside located in Milne Bay Province, Papua New Guinea. A summary of the Mineral Resource² is detailed in the table below:

Table 1: Woodlark Mineral Resource

Mineral Resource (>0.4g/t lower cut)			
Category	Tonnes (Mt)	Grade (g/t)	Ounces ('000)
Measured	2.43	2.77	216
Indicated	41.60	0.92	1,227
Inferred	3.85	0.79	97
Total	47.88	1.00	1,541

This announcement was authorised by the Board of Geopacific.

For further information, please visit www.geopacific.com.au or contact Mr Richard Clayton, Interim CEO.

Company details	Board & Management	Projects
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² Mineral Resource estimates contained in the announcement to the ASX made on 23 December 2022 headed "Woodlark Project Mineral Resource Update".

Appendix A: Woodlark Project Significant Intercepts

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
BUSDDH001*	8992798	472999	74	-60/090	308.8*	150	150.8	0.8	11.05
						169	170.7	1.7	1.30
						188.8	194	5.2	1.29
<i>Including</i>						188.8	189.4	0.6	6.71
						201.2	202	0.8	0.42
						216	219.7	3.7	0.95
						224.4	228	3.6	0.61
						231.5	234.4	2.9	0.59
						238	239	1	0.48
						258.2	260.6	2.4	0.59
						290	291	1	2.45
BUSDDH007*	8993050	4733201	116	-60/090	250*	150	151	1	1.24
						170	171	1	0.74
						174.82	175.18	0.36	0.50
BUSDDH003*	8992926	473356	92	-60/090	165*	146	148	2	0.86
						152.2	158	5.8	0.73
						162	163	1	1.15
BUSDDH002*	8992926	473304	79	-60/090	200*	160.2	161.2	1	3.53
						167.6	168.6	1	1.20
						172.4	177.5	5.1	1.37
<i>Including</i>						172.4	173.4	1	4.14
BUSDDH004*	8992928	473407	97	-60/090	175*	159.6	161.6	2	0.89

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
BUSDDH005*	8992978	473354	98	-60/090	168*	No significant results			
BUSDDH009*	8993125	473314	111	-60/090	160*	No significant results			
BUSDDH010*	8993268	473360	107	-60/090	185*	176	177	1	0.47
BUSDDH011*	8993275	473408	115	-60/090	170*	No significant results			
BUSDDH008*	8993101	473282	111	-60/090	200*	166	167	1	0.68
BUSDDH006*	8993273	473401	115	-60/090	175*	0	1	1	0.41
KURC22052	8995661	469501	54	-60/270	120	24	25	1	0.65
						51	52	1	1.03
KURC22053	8995600	469491	62	-60/270	128	No significant results			
KURC22054	8995929	469680	71	-60/270	150	18	19	1	0.41
						43	44	1	1.45
						81	82	1	0.44
KURC22054	8995929	469680	71	-60/270	150	104	128	24	1.85
<i>Including</i>						109	110	1	8.70
<i>and</i>						111	112	1	6.41
<i>and</i>						117	118	1	3.01
<i>and</i>						121	123	2	3.61
						144	147	3	0.52
						149	150	1	0.49
KURC22055	8995956	469783	70	-60/270	108	34	35	1	0.64
						77	78	1	0.66
						83	84	1	0.64
						97	98	1	0.66

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
						99	100	1	1.19
KURC22056	8995992	469957	72	-60/270	72	No significant results			
KURC22057	8995719	469382	61	-60/270	72	0	1	1	0.46
						49	59	10	1.50
<i>Including</i>						50	54	4	2.55
						68	70	2	1.25
KURC22058	8995755	469531	60	-60/270	126	66	68	2	1.03
						94	111	17	0.50
KURC22059	8995930	469460	74	-60/270	106	28	29	1	1.48
						53	54	1	3.24
						57	59	2	5.50
<i>Including</i>						58	59	1	10.28
						62	63	1	8.38
						85	86	1	0.84
KURC22060	8995870	469554	71	-60/090	150	31	55	24	3.94
<i>Including</i>						44	47	3	17.82
<i>and</i>						49	50	1	6.49
						56	57	1	0.41
						58	59	1	0.76
						70	71	1	0.45
						92	95	3	0.58
						132	133	1	1.42
						136	137	1	0.68
						141	142	1	0.47

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
						146	147	1	0.65
KURC22061	8995870	469554	71	-60/270	150	30	33	3	0.63
						48	53	5	2.92
<i>Including</i>						50	51	1	11.7
						58	59	1	1.61
						99	100	1	0.92
						133	134	1	0.50
						142	143	1	0.80
						146	147	1	0.43
KURC22062	8995752	469443	62	-60/270	132	35	36	1	0.52
						50	52	2	0.51
						66	68	2	1.12
						70	75	5	0.88
						79	80	1	0.52
						81	82	1	0.44
						84	85	1	0.98
						95	98	3	0.78
						109	113	4	0.73
KURC22063	8995723	469384	61	-60/090	100	50	51	1	0.47
						55	57	2	0.72
						61	72	11	1.03
KURC22064	8995662	469689	57	-60/270	108	19	20	1	0.50
						47	51	4	0.45
						53	54	1	0.40

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
KURC22065	8995631	469725	54	-60/270	144	44	47	3	0.44
						49	50	1	1.47
						52	53	1	0.87
						56	57	1	0.42
						68	69	1	0.87
KURC22066	8995666	469729	56	-60/270	78	62	63	1	1.53
						77	78	1	0.70
KURC22067	8995630	469578	54	-60/270	87	64	65	1	1.10
						70	73	3	14.34
<i>Including</i>						70	71	1	39.55
						78	84	6	1.12
KURC22068	8995659	469757	53	-60/270	36	No significant results			
KURC22069	8995692	469758	59	- 60/270	133	104	113	9	0.77
						129	130	1	0.41
KURC22070	8995928	469614	72	- 60/270	150	30	32	2	0.69
						51	52	1	2.24
						54	62	8	2.33
<i>Including</i>						54	55	1	5.35
<i>and</i>						59	61	2	5.06
KURC22071	8995929	469582	68	- 60/270	90	22	24	2	3.96
<i>Including</i>						23	24	1	7.18
						44	45	1	0.46

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
						47	48	1	0.56
KURC22072	8996020	469969	70	- 60/270	108	No signific ant results			
KURC22073	8995843	469482	67	- 60/270	132	27	31	4	1.07
						58	60	2	1.39
						131	132	1	0.41
KURC22074	8995993	469487	69	- 60/270	84	0	1	1	0.55
						13	37	24	1.55
<i>Including</i>						26	27	1	11.90
KURC22075	8995721	469686	59	- 60/270	60	35	36	1	0.53
						37	38	1	0.60
						39	41	2	0.56
						47	48	1	1.58
						56	58	2	0.66
KURC22076	8995633	469569	57	- 60/270	108	42	44	2	0.60
						53	56	3	2.39
<i>Including</i>						53	54	1	4.11
						59	61	2	0.51
						65	70	5	1.27
						94	95	1	0.49

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
KURC22077	8995690	469441	64	- 60/270	132	45	46	1	0.43
						101	102	1	0.80
KURC22078	8995781	469380	62	- 60/270	30	No significant results			
KURC22079	8995779	469380	63	- 60/270	66	31	32	1	0.82
						45	48	3	1.15
						64	66	2	0.99
KULSTG002	8996099	469739	75	-90/0	30	8	10	2	1.77
						12	16	4	1.96
<i>Including</i>						12	13	1	3.58
<i>and</i>						14	15	1	3.36
KULSTG003	8996097	469752	75	-90/0	125	4	5	1	0.45
						12	13	1	0.57
						18	24	6	2.96
<i>Including</i>						21	22	1	12.05
						29	30	1	0.94
						38	55	17	3.03
<i>Including</i>						41	42	1	14.35
<i>and</i>						43	45	2	10.64
						58	59	1	0.97
						61	64	3	2.83
<i>Including</i>						62	63	1	5.94
						66	68	2	0.82

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
						69	72	3	0.47
						74	75	1	1.41
						78	96	18	6.18
<i>Including</i>						84	85	1	17.25
<i>and</i>						87	89	2	18.21
<i>and</i>						90	91	1	13.00
<i>and</i>						93	94	1	19.65
						99	105	6	7.75
<i>Including</i>						101	104	3	14.56
						107	108	1	0.54
						109	120	11	0.94
						122	125	3	0.97
KULSTG004	8995859	469620	64	-90/0	25	19	22	3	0.68
BSSTG001	8992881	473229	70	- 60/270	131	3	6	3	1.44
						16	25	9	1.01
						28	32	4	1.17
						33	36	3	1.03
						40	131	91	2.64
<i>Including</i>						53	56	3	6.57
<i>and</i>						64	67	3	6.84
<i>and</i>						76	77	1	25.40
<i>and</i>						87	88	1	14.47
<i>and</i>						100	101	1	6.79

Hole ID	North	East	RL	Dip/ Azimuth	Total Depth	Down-hole Mineralised Intersection			
	m	m	M	Degrees	m	From	To	Interval	Gold grade
						m	m	m	g/t Au
<i>and</i>						119	120	1	22.20
<i>and</i>						125	126	1	5.71
BSRC22013	8992775	473375	74	-90/0	25	0	1	1	0.79
						3	4	1	0.57
						10	11	1	0.86
BSRC22019	8992775	473348	75	-90/0	25	16	17	1	1.09
BSRC22020	8992775	473323	77	-90/0	25	No significant results			
BSRC22021	8992775	473300	76	-90/0	25	No significant results			
BSRC22017	8992775	473276	74	-90/0	8	No significant results			

***Diamond Core Tail depth**

Appendix B: JORC Code, 2012 Edition – Table 1

Section 1: Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Sampling techniques	<p><i>Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p>	<p>Sampling was conducted using diamond drilling (DD) and Reverse Circulation Drilling (RC).</p> <p>Sampling of the diamond drilling comprised half core samples taken based on lithological, alteration, and mineralisation breaks observed in geological logging. Generally, sampling is at 1m intervals.</p> <p>1 in 50 samples is a duplicate sample, taken from quarter core.</p> <p>Core recovery is routinely recorded for each drill run</p> <p>RC drilling samples were collected in 1m intervals from a cyclone and weighed. The entire sample is riffle split using a 75% / 25% splitter, yielding approximately 3kg sub split for assaying. The 75% split is stored in plastic sample bags and removed from site on the completion of the hole to a bag farm for future reference if required.</p> <p>The sample splitter is cleaned with compressed air and water if necessary to ensure no contamination between samples.</p> <p>1 in 50 samples is a duplicate sample, collected as a re-split of the residual sample material.</p> <p>All samples were submitted to ITS Pty Ltd PNG (Intertek Services Ltd) - operated sample preparation laboratory on site.</p> <p>Sample pulps were sent for fire assay gold at Intertek's Lae analytical laboratory with four-acid multi-element analysis by ICPMS method at Intertek Genalysis Townsville analytical laboratory. Blank, duplicate, and standard samples were inserted at various intervals based on Geopacific's QAQC procedure to ensure sample representivity and repeatability of the sampling results.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
	<p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.</i></p>	<p>Core was cut in half using a core saw. Where core competency was low, whole core was wrapped in plastic clingfilm to help maintain integrity of the sampled interval while being cut. Samples were prepared on the on-site sample prep laboratory operated by ITS Pty Ltd PNG (Intertek Services Ltd).</p> <p>Standard preparation of samples is to kiln dry samples, crush ~2kg through a jaw crusher, with a blank bottle wash between each sample. Crushed sample is then transferred to a LM-2 pulveriser for reduction to pulp. A 150gm pulp sample is split from the master sample and submitted for analysis. Coarse reject material and pulps are bagged and stored on site for future reference.</p> <p>Samples were sent for fire assay gold analysis using a 50g charge, to Intertek's Lae laboratory, with multi-element analysis using multi-acid digest with ICP finish at Intertek's Townsville laboratory.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Drilling Techniques	<i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).</i>	<p>Geopacific Resources diamond drilling was undertaken using triple tube methodology in PQ or HQ core diameter depending on the ground conditions and depth of investigation.</p> <p>Casing of DD holes was to variable depths depending on ground conditions.</p> <p>All core was oriented using Reflex ACT III digital orientation equipment.</p> <p>Pre 2021, Geopacific Resources RC drilling utilised a dual-purpose Sandvik D880 rig, capable of drilling RC and diamond. RC drilling used a 139mm face sampling hammer and cyclone return. All RC holes were pvc collared to 12m minimum. A 350psi / 850cfm compressor plus booster compressor were utilised for RC drilling.</p> <p>Some holes completed by Geopacific used RC drilling for a pre-collar and diamond drilling for the lower part of the hole. These holes are prefixed RD, e.g. KU17RD011 is an RC pre-collar hole with a diamond tail.</p> <p>All holes were downhole surveyed using a Reflex EZ Gyroscope.</p> <p>From mid 2021, a KL-150 was used to undertake RC drilling pending the arrival to site of the Schramm 485/650. This rig was used to drill shorter holes befitting its smaller capacity. It was fitted with a 108mm face sampling hammer and a cyclone/cone splitter sampling system.</p> <p>From late 2021 a Schramm 450/685 mounted on a tracked carrier was used instead of the dual purpose rig to undertake Resource definition and exploration RC drilling on the island. This rig used a 130 to 146mm face sampling hammer and was fitted with an integrated cyclone/cone splitter system.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Drill Sample Recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	<p>Core recovery is recorded by measuring the core recovered from the drill hole against the actual drilled metres.</p> <p>RC drilling samples were all weighed on collection from the cyclone, with relative moisture content noted. A back-calculation of sample weight relative to estimated specific gravity is made to assess for potential downhole blowouts (where the hole diameter gets enlarged by the action of the compressed air against the wall rock at certain intervals, potentially causing downhole contamination).</p>
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	<p>Triple tube drilling as well as shorter runs in zones of broken ground were used to maximise the sample recovery. A rigorous program of experimentation and refinement of drilling mud regimes was conducted, resulted in significant improvements to recoveries in poor ground conditions when compared to historical drilling in similar zones.</p>
	<i>Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	<p>Historically, some core loss was recorded in particularly poor ground, especially at Kulumadau West diamond drilling. Gold mineralisation in the cataclasite zones is typically preferentially within the fine, muddy breccia matrix as opposed to the harder, resistant breccia clasts. Unless great care is taken through these zones, DD drilling may inadvertently wash away the mineralised clays, resulting in overall core loss and significantly reduced gold grades in the sampled interval.</p> <p>Geopacific has gone to great lengths to improve drilling methodology and practice and as a result, has consistently achieved good core recoveries. Overall, there is no discernible bias recorded against gold values and sample recoveries in Geopacific DD and RC holes.</p> <p>Some concerns over potential smearing of gold grades in RC drilling pre 1996 were identified. These holes were removed from the database for resource calculation purposes and replaced by new RC holes.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Logging	<i>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</i>	<p>All drill samples were geologically logged by Geopacific geologists using Geopacific's logging procedure.</p> <p>Geotechnical logging of Rock Quality Designation (RQD), hardness, degree of fracturing and weathering is undertaken by Geopacific staff using Geopacific's logging procedure.</p>
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i>	Drill core and RC chips were logged both qualitatively (e.g. lithology, alteration, structure, etc.) and quantitatively (e.g. veining and mineralisation percentage, structural orientation angles, etc.). Drill core is photographed both dry and wet and is stored in plastic core trays in our exploration core yard.
	<i>The total length and percentage of the relevant intersections logged.</i>	All holes are logged their entire length.
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	Core is halved, with one half sent for sample preparation and analysis. The remaining core is stored in the core trays on site.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i>	RC drilling used a cyclone and riffle splitter for dry samples. If samples were damp, cuttings were heaped, quartered, spear sampled, with the process repeated 8 times per sample to generate a representative sample. Unless drilling a pre-collar, RC drilling is terminated if water inflows compromise sample integrity. For pre-collar RC drilling, RC drilling is outside the target ore zone and as there is no expectation of encountering mineralisation, there is minimal concern over potential sample contamination for this section of the drill hole if the sample is delivered wet. Four metre composite samples are collected for this style of drilling to ensure analytical coverage of the entire hole.
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	Samples are kiln dried, crushed to a nominal 2mm by a jaw crusher, with the whole sample pulverised to 85% passing 75µm and then split; one 150gm sample for submission with residue stored on site.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	Field blank, duplicate, and standard samples are introduced to maximise the representivity of the samples. Two blank samples, two reference standard samples and two duplicate samples are included per 100 samples.
	<i>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.</i>	Field duplicates are inserted in accordance with Geopacific's QAQC procedure. This includes two blank samples and two field duplicate samples. Field duplicated for RC drilling are created by splitting a 1m sample twice into two separate samples. For DD core, core is quartered, with quarter core per sample interval used.
	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	Sample sizes are appropriate to the grain size of the material being sampled.
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i>	50gm fire assay Au and four-acid digest ICP analysis are thought to be appropriate for determination of gold and base metals in fresh rock and are considered to represent a total analysis. Representative check samples were submitted to ALS laboratories to assess the effectiveness of 50gm Fire Assay method by repeating both Fire Assay and Aqua Regia gold analyses, with acceptable results.
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.</i>	No results from geophysical tools, spectrometers, or handheld XRF instruments are included in this report. Some modelling of As values of historical drill sample pulps using a hand held XRF instrument was undertaken.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
	<i>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</i>	Field and lab blank, duplicate, and independent certified standard samples were used in drilling. Laboratory blanks, duplicates and reference standards are routinely used. Results from these QAQC samples were within the acceptable ranges, with the only exception being the detection of very low values of gold in a blank sample. The weak gold value in a blank sample was attributed to a preceding sample containing significant amounts of free gold, which appeared to have contaminated the jaw crusher in the sample prep laboratory. A full review of equipment cleaning and increased attention to the bottle wash process has eliminated any repeat of this occurrence.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i>	Significant intersections were inspected by senior geological staff.
	<i>The use of twinned holes.</i>	Twin holes were drilled as part of the evaluation and QAQC process for Kulumadau, Busai and Woodlark King deposits. Twin holes were utilised in the resource calculations for each respective deposits.
	<i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i>	Data entry, data validation and database protocols are an integral part of the capture and use of geological information. A rigorous industry-standard system is utilised, which is administered by an Independent third party to ensure data integrity and off-site data backup.
	<i>Discuss any adjustment to assay data.</i>	No adjustments were made or required to be made to the assay data. Some historical RC drill holes were removed from the database due to sample contamination concerns. These holes were re drilled.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Location of data points	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.</i>	<p>Drill hole collars were located using a total station surveying instrument. Survey control points were established in 2007 across the project and provide excellent ground control for total station surveying.</p> <p>Downhole surveys using a Reflex EZ Gyro were conducted on all drillholes with readings recorded every 5 metres downhole.</p> <p>Historical drilling utilised both a single shot down hole camera and a multi shot downhole camera to determine downhole dip and azimuth readings.</p>
	<i>Specification of the grid system used.</i>	Coordinates are recorded in PNG94 geodetic system
	<i>Quality and adequacy of topographic control.</i>	LiDAR survey data obtained over the licence area, tied in to total station collar readings provide sub-metre accuracy.
Data spacing and distribution	<i>Data spacing for reporting of resource calculation results.</i>	Drilling used to inform the resource estimates is variably spaced from as close as 5m x 5m basis in some areas to a more nominal 25m x 40m spacing. Generally speaking, the high grade sections of both Busai and Kulumadau are very tightly drilled.
	<i>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</i>	Drilling results referred to in this report confirm mineralisation delineated in previous drilling and confirm both grade and geological continuity. Drill spacing is deemed to be appropriate for this style of mineralisation.
	<i>Whether sample compositing has been applied.</i>	Some RC drilling utilised 4m composites for initial sampling of zones considered unlikely to host mineralisation. All samples were split at 1m intervals and where deemed appropriate, composited using a 75/25 riffle splitter. Where composite samples returned a gold value greater than 0.25g/t Au, the zone was re sampled using original 1 metre sample splits collected when the hole was drilled.
Orientation of data in relation to	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i>	Current interpretations of the mineralised zones in all areas indicate that the orientation of the drillholes has achieved unbiased sampling of the structures.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
geological structure	<i>If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.</i>	An interpretation of the mineralisation has indicated that no sampling bias has been introduced to the drillholes reported herein.
Sample security	<i>The measures taken to ensure sample security.</i>	All samples are collected by GPR staff and put into numbered plastic bags, along with a corresponding sample ticket, which are immediately sealed and placed in order on a pallet with other samples in an area directly adjacent to the onsite sample preparation laboratory. The pallet containing the sealed samples is then delivered directly into the onsite sample prep lab, where chain of custody hands over to ITS Ltd.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	QAQC sample data is constantly collected and reviewed for each sample submission.

Section 2 Reporting of Exploration Results

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Mineral tenement and land tenure status	<p><i>Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.</i></p> <p><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.</i></p>	<p>Woodlark Mining Limited (WML) holds a 100% interest in Mining Lease 508, within which all reported resources in this report are located. WML is 100% owned by Geopacific Resources Limited (Geopacific), a Public Company incorporated in Western Australia, Australia. Mining Lease 508 was granted to Woodlark Mining Limited on the 4th of July 2014 and is valid for 21 years, renewable.</p>
Exploration done by other parties	<p><i>Acknowledgment and appraisal of exploration by other parties.</i></p>	<p>This report is primarily based on work done by Geopacific Resources Limited.</p>
Geology	<p><i>Deposit type, geological setting and style of mineralisation.</i></p>	<p>Most of Woodlark Island is covered by a veneer of Plio-Pleistocene limestones (coronatus) of variable thickness with associated marine clays and basal conglomerates. A central elevated portion of the island (horst structure) contains Miocene volcanic rocks.</p> <p>Gold mineralisation within the Woodlark Island Gold Project is principally hosted by andesites and their sub-volcanic equivalents within the Miocene age stratigraphic unit known as the Okiduse Volcanics. The mineralisation is variously associated with lodes, quartz veins, stockwork zones and breccias developed within proximal phyllic and marginal propylitic alteration envelopes regionally associated with intrusive breccia complexes. Gold mineralisation is consistent with low sulphidation, base metal carbonate, epithermal systems typical of the south-west Pacific.</p>

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Drill hole Information	<p><i>A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:</i></p> <ul style="list-style-type: none"> <i>o easting and northing of the drill hole collar</i> <i>o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i> <i>o dip and azimuth of the hole</i> <i>o down hole length and interception depth</i> <i>o hole length</i> <p><i>If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.</i></p>	This report does not refer to exploration results specifically.
Data aggregation methods	<i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</i>	This report does not refer to exploration results specifically.
	<i>Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.</i>	Aggregated intercepts are not reported.
	<i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	No metal equivalent values are reported.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
Relationship between mineralisation widths and intercept lengths	<p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p><i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i></p>	The orientation of drilling relative to strike and dip of mineralisation encountered suggests there is some variability to how perpendicular drillholes have intersected mineralised zones. All drilling attempts to intersect mineralised as close to perpendicular as is possible. All intercepts are downhole and not true width calculations.
Diagrams	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.</i>	Diagrams relevant to the report content are included in the body of the report.
Balanced reporting	<i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>	This report does not refer to exploration results specifically.
Other substantive exploration data	<i>Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i>	Additional information generated through the exploration process and through specific, targeted work programmes is utilised in the calculation of Resources and Reserves
Further work	<p><i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></p> <p><i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></p>	Exploration activities undertaken by Geopacific to date have identified numerous exploration targets that are actively being assessed. Geopacific intends to maintain an active exploration presence on Woodlark Island.

Competent Person's Statement

The information in this announcement that relates to exploration results is based on information compiled by or under the supervision of Michael Woodbury, a Competent Person who is a Fellow, and Chartered Professional (CP) of The Australasian Institute of Mining and Metallurgy, and Member of Australian Institute of Geoscientists. Mr Woodbury has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Woodbury consents to the inclusion in the announcement of the matters based on his information in the form and context in which it appears.