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High-grade gold, silver and base metals in drill intersections show considerable extension to the Faddy's Gold Deposit, Fiji

Geopacific Resources NL (ASX: GPR) is pleased to report that high gold, silver, lead, zinc and copper intervals have been intersected by diamond drilling peripheral to the known mineralisation at Geopacific's Faddy's Gold Deposit ("Faddy's"), south of Nadi, Viti Levu, Fiji.

The following high-grade mineralised intervals have been intersected by diamond core drilling peripheral to near-surface gold mineralisation at Faddy's and these results confirm that the deposit extends for at least 200 metres south west along strike as well as to the north of the deposit (Figure 1).

1. South west area:

- **1.20 metres of 14.17g/t gold and 49.7g/t silver from 47.9 metres in FAD050 including 0.6 metres of 21.7g/t Au from 48.5 metres.**
- **0.60 metres of 7.21g/t gold, 43.2g/t silver, 3.22% zinc, 2.09% lead and 0.53% copper from 140.9 metres in FAD049.**
- **0.60 metres of 4.99g/t gold, 32.3g/t silver, 1.74% zinc and 2.03% lead from 194.9 metres in FAD048.**
- **0.7 metres of 31.0g/t gold, 176g/t silver, 2.70% zinc, 6.86% lead and 0.99% copper from 184.7 metres in FAD047.**

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2. Northern area:

- **7.0 metres of 1.87g/t gold from 134.0 metres in FAD044.**
- **2.0 metres of 3.57g/t gold from 60.0 metres in FAD045.**

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Location details and assay summaries for the seven drill holes (FAD044-FAD050) are listed in Table 1. Assays for FAD050, from surface to 47.9 metres have yet to be received and are not likely to be completed until January 2011.

The drill results reported in this announcement are in addition to previously reported drillholes FAD038-40 which showed that the Faddy's mineralisation continues at depth towards the northwest (Figure 1). The gold and base metal mineralisation intersected in the 3200E holes show a down dip continuation of high grade gold intersected in FAD029-34 and extends this zone from near surface to 400m down-dip at about 280m vertical depth (refer September Quarterly Report).



Drilling at Red Ridge

Two diamond drill holes (RRD001 and RRD002) have recently been completed at the Red Ridge Prospect in the Nadi South Project. Both were drilled beneath gossanous and ferruginous basaltic volcanics with surface gold mineralisation in a steep dipping fracture zone. Costean surface samples above RRD001 and 2 which were collected by CRA Exploration Pty Limited in 1988, included 50 metres averaging 3.28g/t gold and 35 metres averaging 6.6g/t gold.

RRD001 was completed to 177.5m and RRD002 was finished at 254.5m. Both drill holes intersected strongly fractured basaltic volcanic rocks intruded by basic dykes. Wide intersections of chlorite-quartz-magnetite alteration were intersected and fine grains of gold were detected in core from both holes (Figure 2). Drill core from RRD001 has been processed and sampled for assay and logging of core from RRD002 is in progress. Assay results for RRD001 are expected in late December.

Drilling and assaying procedures

Exploration Drilling Services Pty Ltd (EDS) are undertaking the work using PQ3 sized drill core to achieve optimum sample recovery (Figure 3).

Care is taken to reduce core sample loss during drilling and handling and drill core recovery has been excellent. Drill core is sampled over portions of alteration and/or mineralisation by cutting competent drill core along the core axis using a diamond saw. Softer, clay altered core is hand cut to avoid sample loss. Drill core samples are crushed, split and pulverised at ALS Chemex's sample preparation facility in Suva and pulp splits are air freighted to ALS Chemex laboratories in Queensland where assays on 50g pulp samples are completed for gold (method AA26). Silver, lead, zinc and copper are determined by aqua regia ICP-AES (methods ME-ICP41 or OG46). Standard reference materials and blank samples are been included for quality control (approximately one in ten samples). Sample residues are retained for possible future reference.

ZTEM and VTEM helicopter survey results

Geotech Ltd have completed and forwarded most of the processed results for the airborne geophysical surveys completed in September and the remaining data are expected this week. An evaluation of the dataset together with interpretation of anomalies is expected to be completed by the Company's geophysical consultants during the next several weeks.

Additional information on the Company's projects and previous Geopacific announcements are available on Geopacific's website at www.geopacific.com.au.

Yours faithfully,

A handwritten signature in black ink, appearing to read 'I. J. Pringle'.

Ian J Pringle
(Managing Director)

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Competent Person

The review of exploration activities and results contained in this report is based on information compiled by **Dr Ian Pringle**, a Member of the Australasian Institute of Mining and Metallurgy. Dr Pringle is the Managing Director of Geopacific Resources NL and also a Principle of Ian J Pringle & Associates Pty Ltd, a consultancy company in minerals exploration. He has sufficient experience which is relevant to the style of mineralization and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Dr Pringle has consented to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Further Information

For further information please contact Dr Ian Pringle, Managing Director, on (02) 8622 1691 or ianp@geopacific.com.au. An overview of Geopacific Resources NL can be viewed at www.geopacific.com.au.



Figure 2. Grain of gold, broken core fracture surface, FAD002 (167m), Red Ridge.

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Table 1. Drill Hole location and assay data summary, Faddy's Prospect.

Hole	WGS84	WGS84	RL (m)	Dip	Az (grid)	depth (m)	Au intersections (0.5g/t Au cut-off)							
	East*	North*					from (m)	to (m)	int (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)
FAD044	530670	8025838	2	-70	180	197.3	134	141	7	1.87	11	0.09	0.16	0.02
FAD045	530774	8025845	5	-85	180	219.8	60	62	2	3.51	2.3	0.07	0.27	0.02
							73	74	1	2.55	15	0.12	0.16	0.02
							78.5	78.8	0.3	2.19	23	0.08	0.06	0.02
							109	111.7	2.7	0.54	4.9	0.02	0.05	0.08
							121	129.2	8.2	1.34	12	0.26	0.32	0.09
							198.1	199.3	1.2	4.79	17	0.31	0.25	0.05
FAD046	530868	8025867	4	-80	180	200.3	126.6	127.7	1.1	2.00	9.3	0.22	0.26	0.07
							133	134	1	0.83	5.4	0.21	0.48	0.08
FAD047	530461	8025658	3	-80	180	224.3	89	90.6	1.6	1.09	5.3	0.00	0.01	0.02
							118	119	1	1.33	5.6	0.01	0.01	0.00
							126	126.6	0.6	1.36	6.4	0.19	0.07	0.01
							138.4	139	0.6	6.19	27	0.04	0.03	0.01
							142.7	143.7	1	7.79	32	0.17	0.36	0.02
							151	153	2	3.23	20	0.10	0.13	0.02
							155	156	1	1.04	5.1	0.03	0.08	0.00
							178.1	178.7	0.6	1.07	6.6	0.17	0.35	0.32
							184.7	185.4	0.7	31.00	176	6.86	2.70	0.99
FAD048	530419	8025630	5	-80	180	230.3	144	145.1	1.1	9.05	8	0.15	0.32	0.06
							160.7	161.7	1	0.98	3.8	0.06	0.10	0.02
							194.9	195.5	0.6	4.99	32.3	2.03	1.74	0.01
							201.7	202.3	0.6	1.00	5.4	0.45	0.57	0.03
							211.3	213.8	2.5	0.90	3.48	0.68	0.28	0.07
FAD049	530392	8025552	5	-60	180	200.3	140.9	141.5	0.6	7.21	43.2	2.09	3.22	0.53
FAD050	530272	8025450	5	90	NA	275.3	47.9**	49.1	1.2	14.17	49.7	0.17	0.28	0.09
							incl 48.5	49.1	0.6	21.70	73.1	0.25	0.15	0.06
							99.6	100	0.4	0.47	1.9	0.16	0.19	0.05
							186.6	187.6	1	0.64	4	0.00	0.03	0.11
							226.8	227	0.2	0.62	5.7	0.00	0.03	0.01
							257	258.1	1.1	0.62	2.5	0.06	0.10	0.00

* Surveying yet to be completed. (values given are GPS +/- 3 metres).

** assays not yet available for FAD050, 0 - 47.9 metres

Figure 3. Drill team at FAD001, Red Ridge Prospect.

