



22 September 2010

The Company Announcements Office
Australian Stock Exchange Limited
Exchange Centre,
Level 6, 20 Bridge Street
SYDNEY, NSW 2000

High-grade gold (60g/t), silver (282g/t), zinc (16.95%), lead (5.17%) and copper (0.92%) have been intersected below previously drilled mineralisation at the Faddy's Gold Deposit, Fiji

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

The high-grade gold mineralisation was intersected in drill hole FAD043 (Figure 1) and occurs in a clay-quartz-sphalerite-galena-chalcopryrite sandy matrix within a 0.60m wide zone near the bottom of the diamond drill hole (Figure 2, Table 1). Assay data for FAD043 drill core samples are not yet complete but data at hand include:

- **0.60 metres of 60.0g/t gold, 282g/t silver, 16.95% zinc, 5.17% lead and 0.92% copper from 116.3 metres down hole.**
- **3.0 metres of 2.39g/t gold, 18g/t silver, 0.50% zinc and 0.54% lead from 109 metres down hole.**

Other drill core samples for which assay data have been recently received include FAD041 and FAD042 and locations of these holes are shown in Figure 1. Significant assay intervals for these holes (Table 1) include:

- **11.7 metres of 1.96g/t gold, 14.5g/t silver, 0.59% zinc, 0.70% lead and 0.26% copper from 136.3 metres down hole in FAD041.**
- **8 metres of 1.38g/t gold, 9.2g/t silver, 0.26% zinc and 0.14% lead from 119 metres down hole in FAD042.**

The 60g/t gold-high base metal interval in FAD043 occurs near the bottom of the hole which was completed at 120 metres. It is well below the targeted known mineralisation which dips towards the north and which was intersected by previous drilling by other companies (FRC20, MDDF006 and FRC54; Figure 2). This zone of north-dipping, low-grade gold and base metal mineralisation was the main target of the early work and drill samples beneath this zone may not have been recognised because of poor sample recovery of previous drilling and/or not assayed by the other companies.

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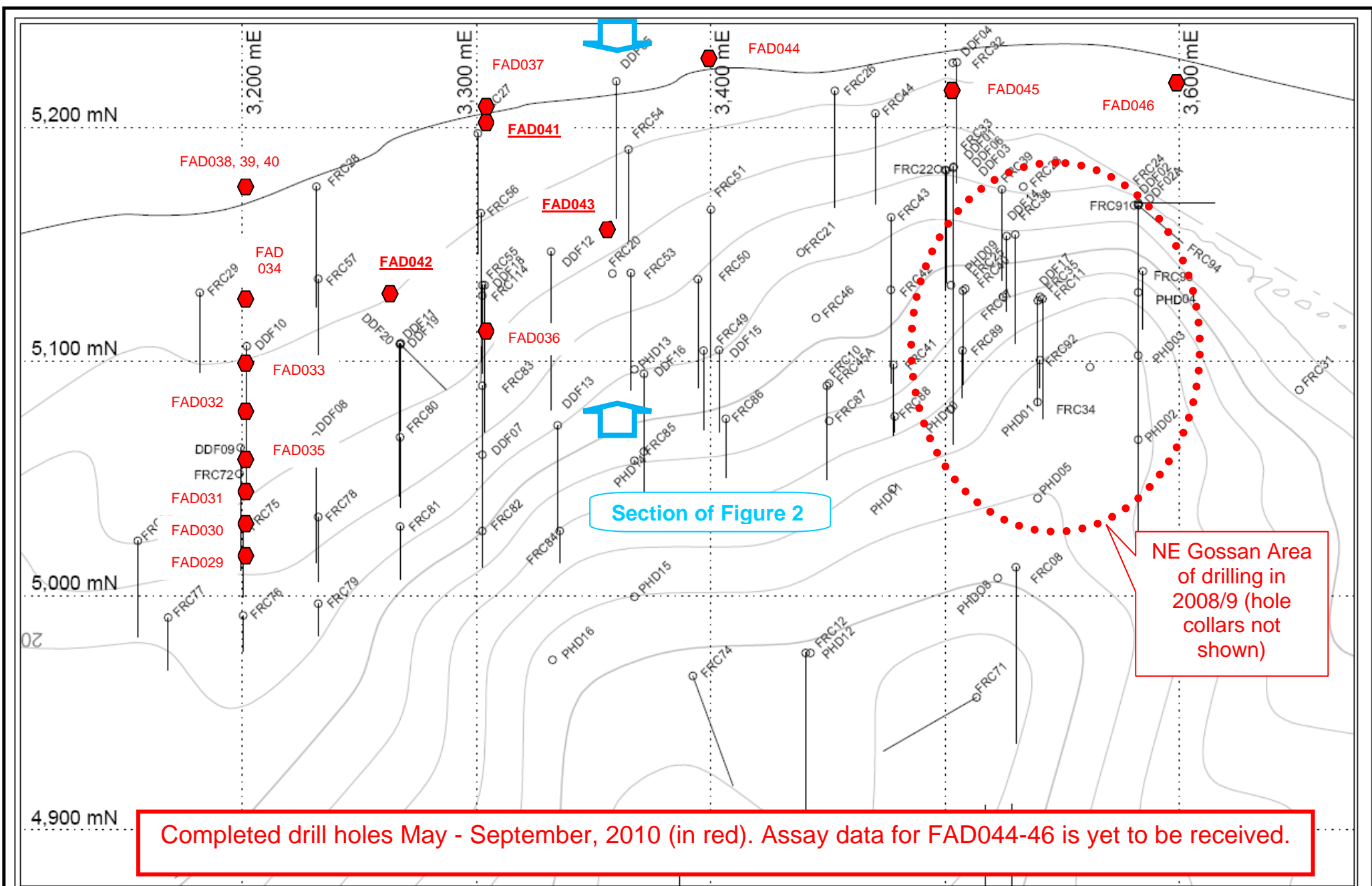
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GEOPACIFIC RESOURCES N.L.
 FADDYS GOLD PROSPECT
 NABILA, FIJI

Grid: Local (Climax)
 Drawn by: J. Elliot, Anzoco Pty Ltd
 DATE: 21 Sep 2010



FADDYS GOLD PROSPECT
 NABILA, FIJI

FIGURE NO. 1

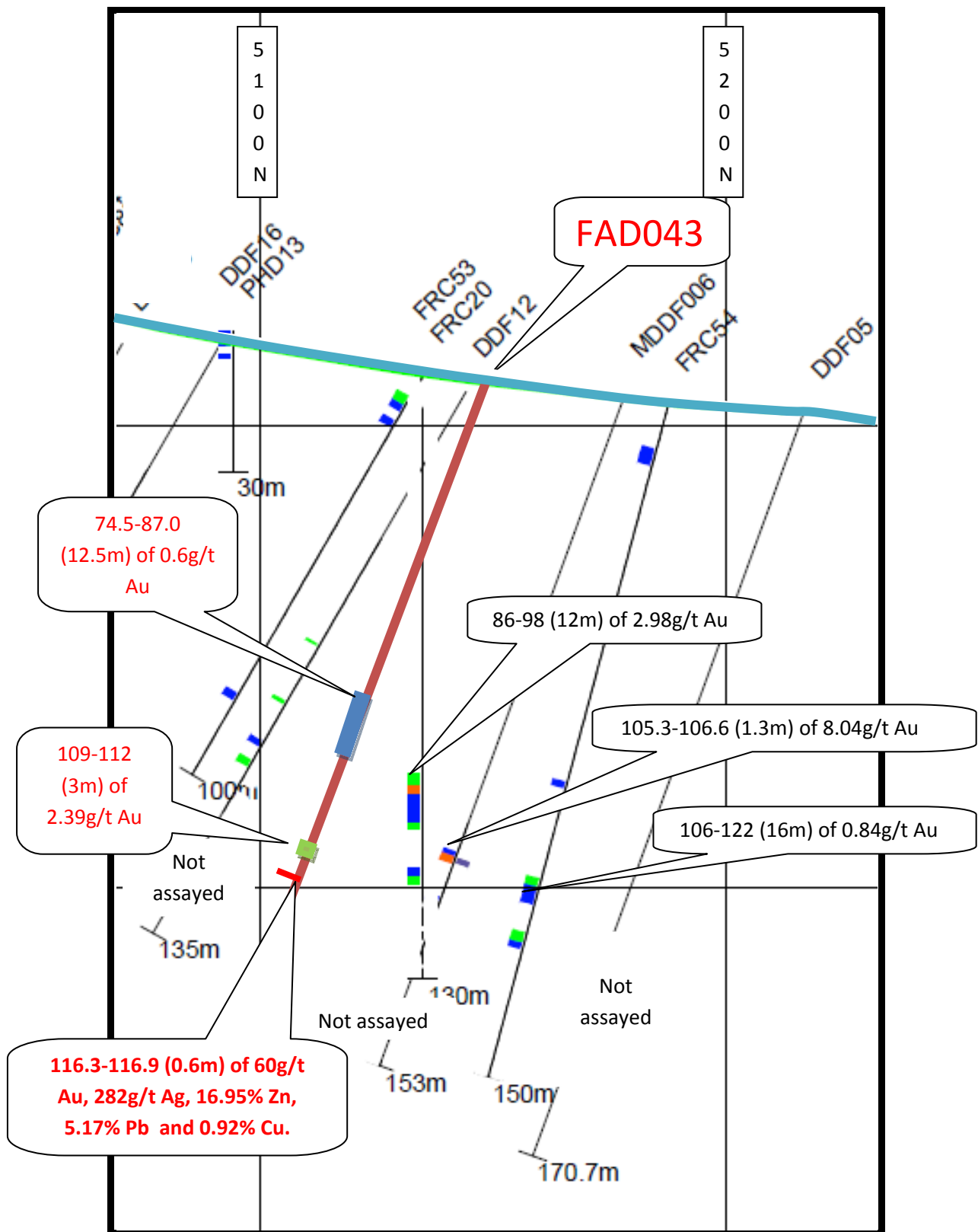


Figure 2. Cross section along grid line 3350E of the Faddy's Gold Deposit showing drill hole traces of previous drill holes (black) and recent Geopacific drill hole FAD043 (red). Significant gold analyses are shown by colour bars (blue <1g/t Au; green 1-5g/t Au, blue >5g/t Au). Grid lines are 100 metres apart.



The high-grade intersection may represent a previously unknown deeper horizon of high gold and base metals which occurs at depth within the Faddy's deposit and further drilling is required to determine the extent of the mineralisation.

Drilling and assaying procedures

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

Care is taken to reduce core sample loss during drilling and handling and drill core recovery has been close to 100%. Drill core is sampled over portions of visible sulphide 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 included for quality control (approximately one in ten samples). Sample residues are retained for possible future reference.

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)

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.*

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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

Table 1. Drill hole and assay data for diamond drill holes FAD041, FAD042 and FAD043 (Faddy's Gold Deposit).

Hole	WGS84		RL (m)	Dip	Az (grid)	depth (m)	Au intersections (0.5g/t Au cut-off)								Ag/ Au
	East*	North*					from (m)	to (m)	int (m)	Au (g/t)	Ag (g/t)	Pb (%)	Zn (%)	Cu (%)	
FAD041	530579	8025785	1	-65	180	161	136.3	148	11.7	1.96	14.5	0.70	0.59	0.26	7.4
							incl 136.3	138.4	2.1	7.85	68	3.88	2.89	1.41	8.7
FAD042	530588	8025687	4	-80	180	146.3	20.5	21	0.5	1.50	19	0.12	0.08	0.06	12.7
							91	92	1	1.35	6.5	0.11	0.09	0.04	4.8
							119	127	8	1.38	9.2	0.14	0.26	0.03	6.7
							incl 119	120	1	4.40	31	0.57	1.27	0.12	7.0
FAD043	530645	8025745	8	-70	180	120.8	74.5**	87	12.5	0.60	3.7	0.20	0.43	0.06	6.2
							109	112	3	2.39	18	0.54	0.50	0.03	7.5
							incl 109	110	1	6.09	44.5	1.55	1.24	0.09	7.3
							116.3	116.9	0.6	60.00	282	5.17	16.95	0.92	4.7

* Surveying yet to be completed (values given are GPS +/- 3 metres).
** Assays not yet complete



Recent photograph of the drilling rig in operation at the Faddy's Gold Deposit

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