



PRESS RELEASE

WESDOME – EAGLE RIVER MINE – NEW ZONES AT DEPTH

Toronto, Ontario – August 17, 2011 – Wesdome Gold Mines Ltd (WDO: TSX) is pleased to report encouraging drill results at its 100% owned Eagle River Mine, Wawa, Ontario.

Drilling conducted in late 2010 and the first half of 2011 has identified new gold zones at previously untested depths in the central portion of the mine.

Highlights include:

- **EU-504 41.77 gAu/tonne over 4.95 metres TRUE WIDTH**
- **EU-413 24.65 gAu/tonne over 1.47 metres TRUE WIDTH**
- **EU-497 111.13 gAu/tonne over 1.49 metres TRUE WIDTH**
- **EU-498 15.04 gAu/tonne over 4.29 metres TRUE WIDTH**
- **EU-356 13.79 gAu/tonne over 6.17 metres TRUE WIDTH**

Complete results are tabulated below and plotted on the accompanying longitudinal section.

George Mannard, VP Exploration, observes “New lenses of mineralization appear to be opening up at depth as has been our experience in the past. We will drift on these with the intent of proving continuity and, if results merit, incorporate them into our mine plan and ore reserves.”

Section	Hole No.	From (m)	To (m)	Core length (m)	True Width (m)	Grade (gAu/tonne)	Cut Grade (60gAu/tonne)
9900E	EU-419	138.80	140.80	2.00	1.53	11.57	11.57
9925E	EU-501	84.95	86.55	1.60	1.50	15.32	15.32
	EU-503	116.40	118.50	2.10	1.48	4.28	4.28
	EU-504	131.70	138.70	7.00	4.95	41.77	14.06
9950E	EU-412	85.20	86.75	1.55	1.50	5.00	5.00
	EU-413	95.80	97.60	1.80	1.47	24.65	11.83
	EU-436	126.50	128.80	2.30	1.48	8.83	8.83
	EU-414	155.50	157.85	2.35	1.51	1.09	1.09
9975E	EU-496	86.50	88.10	1.60	1.50	7.51	7.51
	EU-497	98.65	100.60	1.95	1.49	111.13	27.87
	EU-498	112.40	118.00	5.60	4.29	15.04	10.65
10000E	EU-499	135.00	137.30	2.30	1.48	6.22	6.22
	EU-355	115.50	118.10	2.60	1.49	4.85	4.85
	EU-356	139.90	149.50	9.60	6.17	13.79	7.94

Gold mineralization is hosted in subvertically dipping, east-west striking tabular quartz veins in a discrete shear zone cutting a quartz-diorite stock. High grades are typically accompanied by accessory amounts of pyrite, sphalerite and galena.

Since the first gold pour in October, 1995, the Eagle River Mine has produced 873,000 ounces of gold from 2.92 million tonnes at a recovered grade of 9.3 gAu/tonne. The bulk of this production has come from a depth of less than 500 metres.

Recent development has opened up positions from which to drill at previously untested depths and preliminary results are very encouraging.

All assays are performed at the Eagle River mine assay office by fire assay on 25 gram sample aliquots. Duplicates, replicates, blanks and standards are routinely incorporated into the sample stream to monitor quality control. Werner Wirowatz,, P.Geo., Mine Geologist, Wesdome Gold Mines Ltd. is the "Qualified Person" responsible for the technical content of this Press Release as required by National Instrument 43-101.

ABOUT WESDOME

Wesdome is an established Canadian gold producer with wholly-owned mining and milling complexes located in Wawa, Ontario and Val d'Or, Québec. Wesdome has been producing gold continually for more than 20 years on an unhedged basis and to date has produced in excess of 1.2 million ounces. The Company has 101.9 million shares issued and outstanding and trades on the Toronto Stock Exchange under the symbol "WDO".

For further information, please contact:

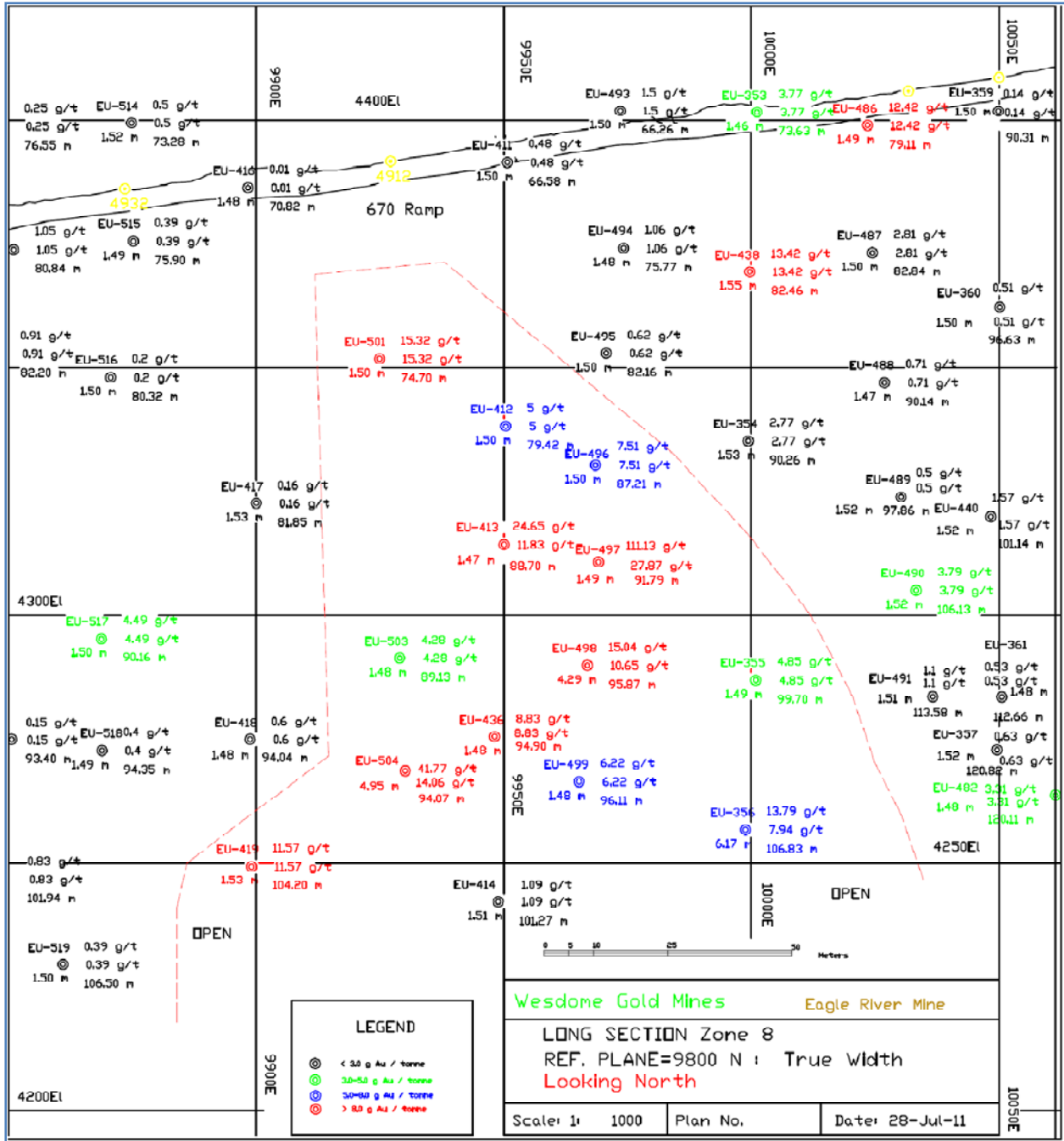
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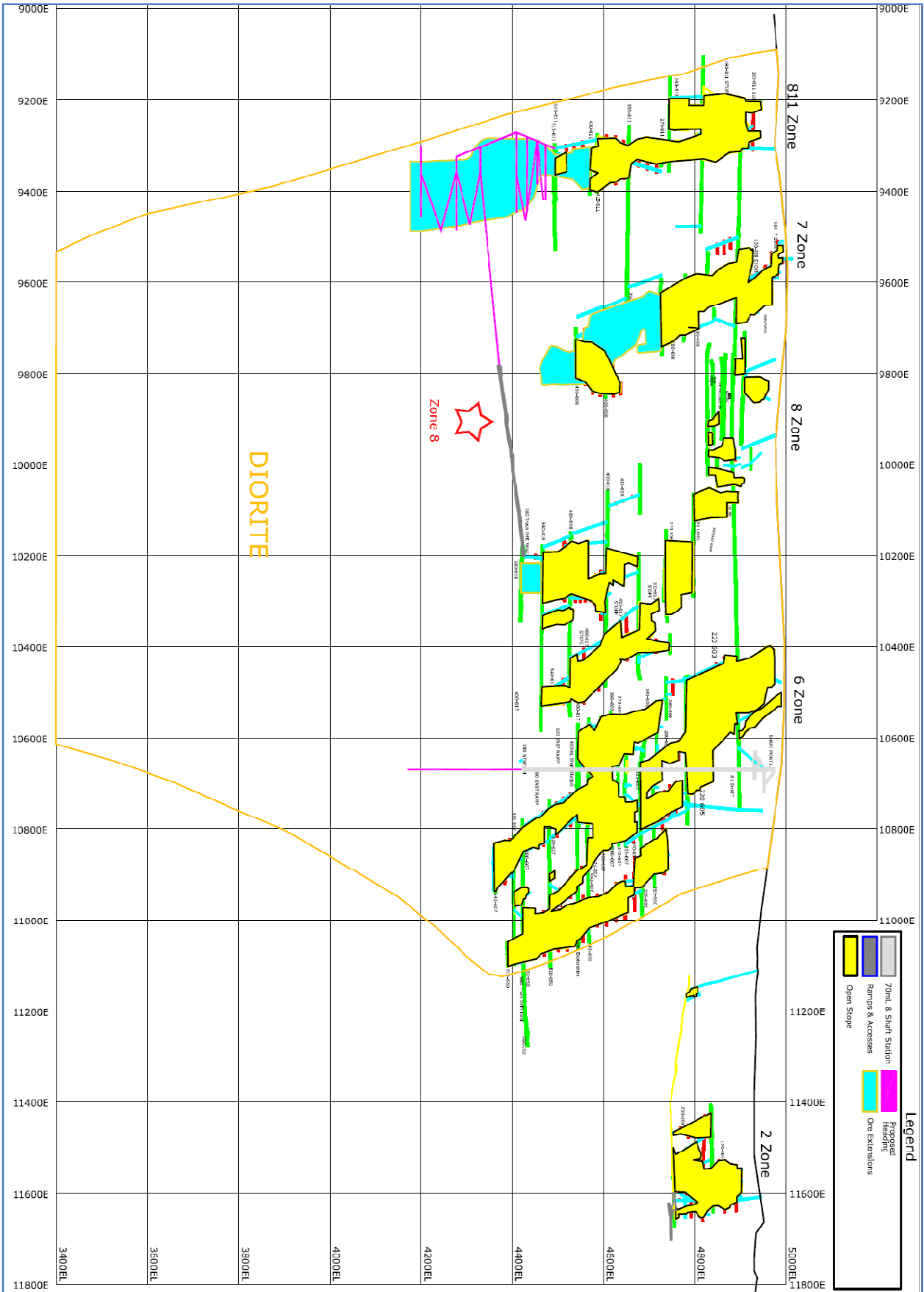
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Zone 8 Long Section



Eagle River Mine Long Section