



PRESS RELEASE

MARTIN ZONE DRIFTING DEMONSTRATES IMPRESSIVE CONTINUITY

Val d'Or, Quebec – May 25, 2007 – Continued drifting on the Martin zone structure has demonstrated continuity of mineralization over the full width of the drift at Wesdome's Kiena Mine Complex. The structure was initially crosscut on the 330 metre level, crosscut towards the Shawkey 22 zone at a position 1.2 kilometres east of the Kiena shaft. The crosscut averaged 5.28 gAu/tonne over 4.0 metres in chip samples.

Drifting along the structure commenced 20 metres northwest of this sampling and exposed a length of 91.3 metres averaging 4.11 gAu/tonne across the drift width of 2.6 metres as determined by composite muck samples of each round. Assuming continuity in the 20 metre sampling gap indicates a mineralized length in excess of 110 metres.

The Martin zone structure is a northwest-southeast striking and subvertically dipping sheared and brecciated basalt. Gold values are associated with laminated quartz-pyrite veins and silicified and albitized breccias or stockworks.

The Martin zone structure supported historic production of 139,000 tonnes grading 6.2 gAu/tonne above 230 metres depth during the period 1936-1938. This historic production is from an area located 1.0 kilometres southeast of the current work. The 330 metre level crosscut has swung parallel to this zone on its way to the Shawkey 22 zone. This will provide a drilling platform to examine the previously unexplored 1.0 kilometre section of the Martin zone structure between the current work and the old workings.

Combined with encouraging preliminary drilling results announced October 19, 2006, Management is optimistic regarding the potential of this structure to add incremental production to existing mining operations.

Assaying is performed by fire assay techniques on 30 gram aliquots at the Kiena mine assay office. Atomic absorption finish is applied to assays less than 3.0 gAu/tonne with gravimetric finish on assays greater than 3.0 gAu/tonne. In addition to internal duplicates, standards and blanks, the geology department inserts blind standards and blanks at a frequency of one in twenty samples. Paul Arscott, P.Geol., Chief Geologist and George Mannard, P.Geol., Vice-President Exploration, both "Qualified Persons" as per 43-101, have compiled and double-checked all technical information in this press release.

Wesdome Gold Mines Ltd. is an established Canadian gold producer with mining operations and development projects in Wawa, Ontario and Val d'Or, Quebec. The

Company has 90.5 million shares issued and trades on the TSX Exchange under the symbol "WDO".

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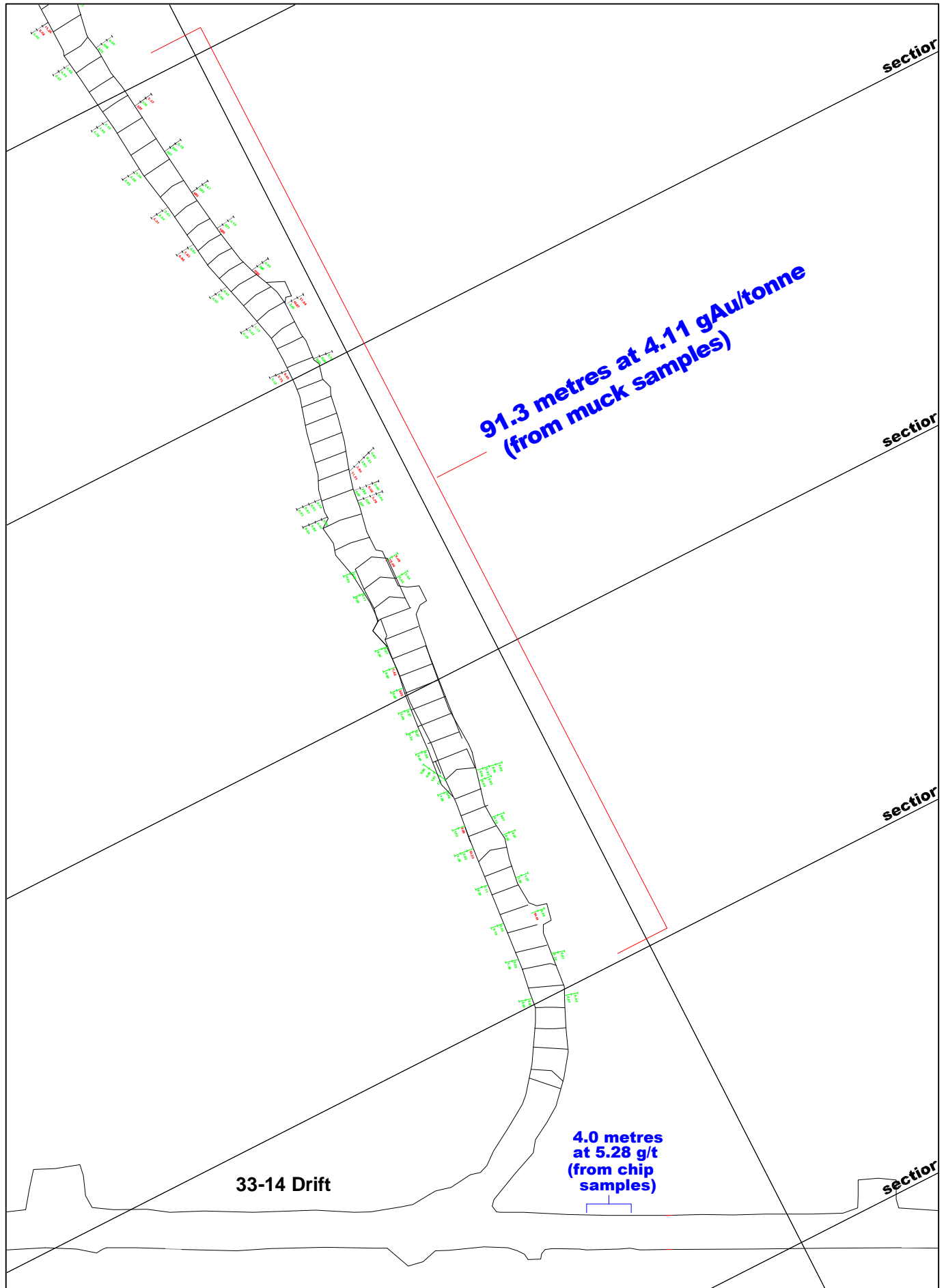


Figure 1: Plan view of the 33-14 drift and drifting into the Martin Zone, 1.2 km east of the Kiema shaft.