

## Trillium Gold to Drill Test Updated Structural Model at Newman Todd in Red Lake

- New detailed model captures influence of east/west trending structures correlated with high-grade intercepts
- High-grade targets being defined to expand and upgrade mineralization

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**Trillium Gold Mines Inc. (TSXV: TGM) (OTCQX: TGLDF) (FRA: 0702)** (“Trillium” or the “Company” - <https://www.commoditytv.com/ondemand/companies/profil/trillium-gold-mines-inc/>) is

pleased to report that modelling of the structures and mineralization at its 100%-owned Newman Todd Project has yielded numerous drill targets to better define high-grade mineralization and structural controls. Work has begun on a fan of holes targeting high-grade structures and associated high-grade quartz veining emanating from the adjacent Rivard portion of the property.



The influence of structures and high-grade quartz veining observed in outcrops on both the Newman Todd and Rivard properties are now recognized in the new modeling of the Newman Todd Zone (NT Zone). The NT Zone is a 2.2 km long and up to 200 metre-wide structural target situated in the Red Lake Gold Camp.

From initial mapping on Rivard and close inspection of satellite images, a series of east/west trending structures have been modeled that appear to correlate well with the high-grade gold intercepts in the current and past drilling results (Figure 1).

Using these structural interpretations to influence the creation of grade shells, a series of discrete high-grade targets are identified that can now be tested for orientation and continuity.

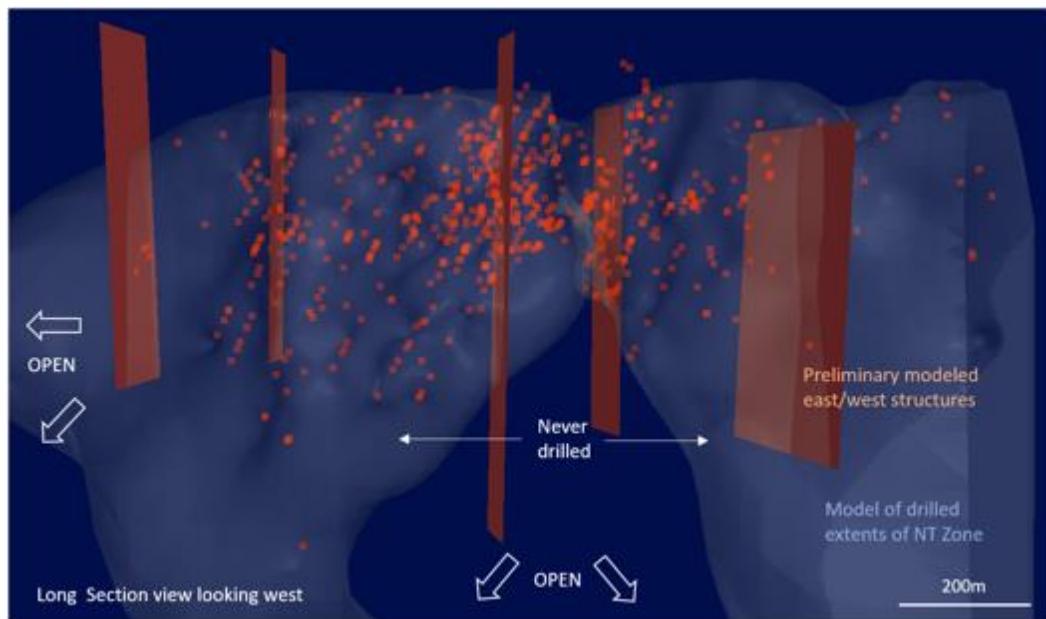
A fan of short holes to be drilled off-azimuth from the bulk of the historical drilling will confirm this interpretation and enable Trillium to begin targeting and defining the higher grade influences believed to be important from the outset of the current drilling program.

Bill Paterson, Vice President of Exploration at Trillium Gold states: “After countless hours of reviewing historical data, our thoughts are finally being recognized in the modeling of the NT Zone. These initial holes will confirm our interpretation of the high-grade intersections that were hinted in the historical drilling and will open up many more target zones up and down more than 2km of the NT Zone recognized on our property”.

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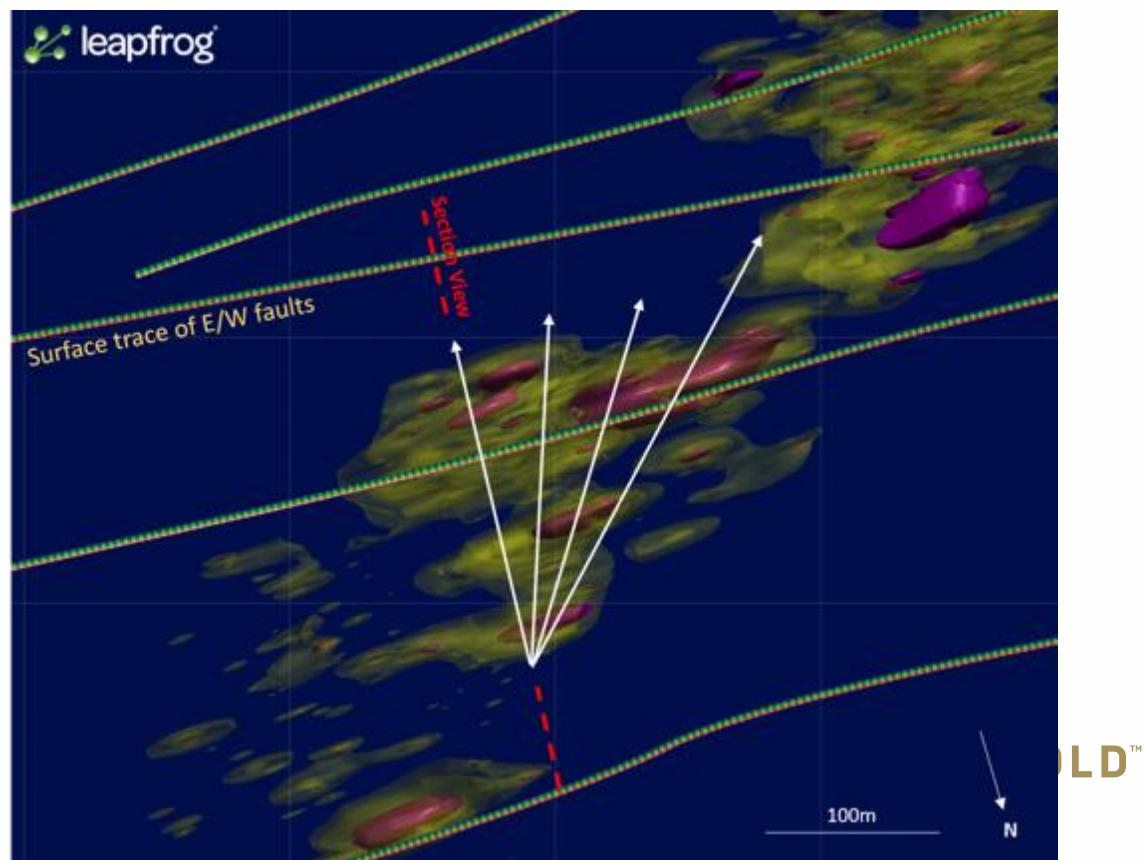
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**Figure 1:** Section view looking west showing correlation between east/west structures and drill hole assays >3.0 g/t Au (red dots).

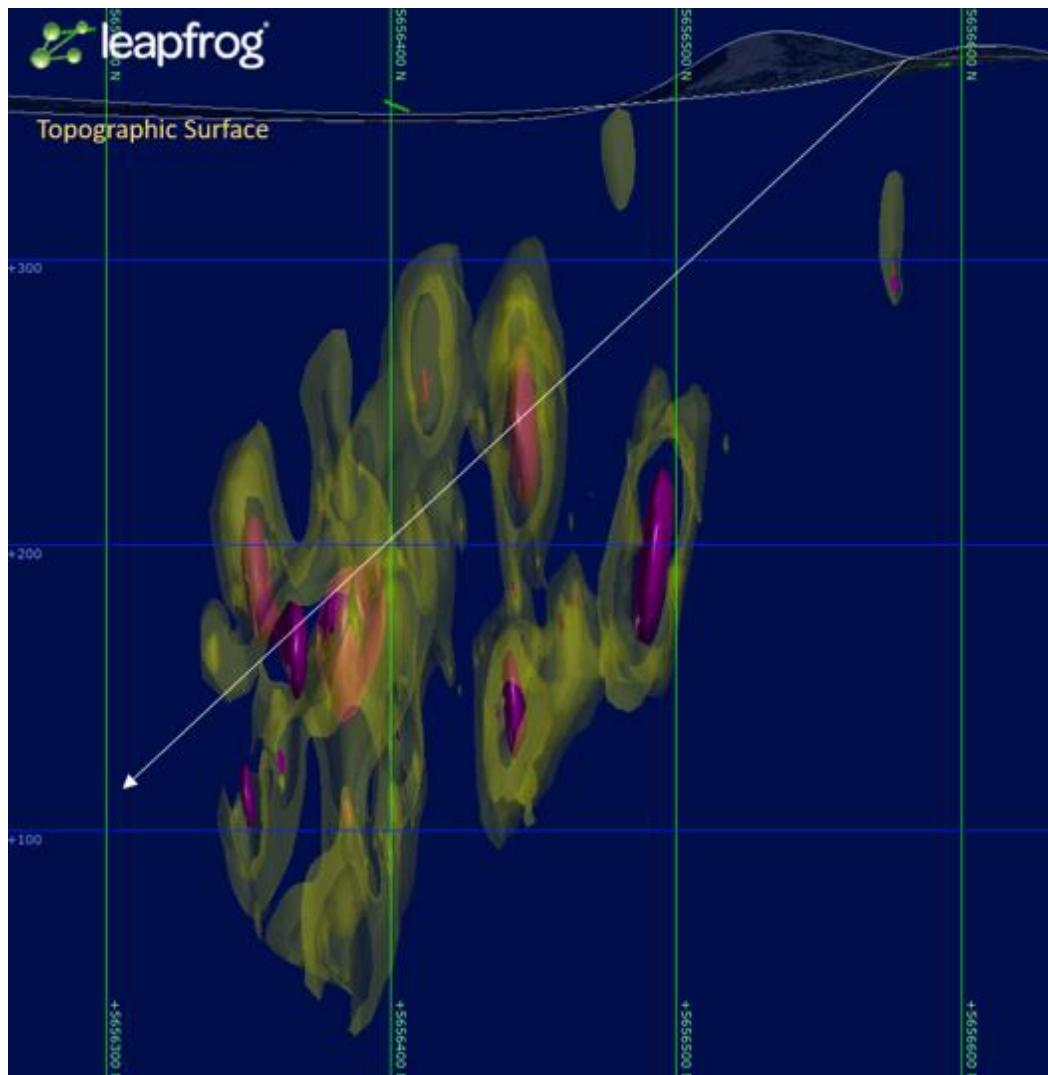


A selection of the current and historical results in the vicinity of the drill hole fan includes: 5m @ 18.25 g/t Au (from 170m) in NT-062, 2.3m @ 89.69 g/t Au (from 251.7m) in NT-083, 7m @ 32.57 g/t Au (from 193m) and 1m @ 174.11 g/t Au (from 229m) in NT-148, 1m @ 98.6 g/t Au (from 287m) in NT-152, and up-plunge of the more recent 7.05m @ 15.41 g/t Au (from 226m) in NT20-169, incl. 4.3m @ 23.88 g/t Au and 1.12m @ 69.85 g/t.



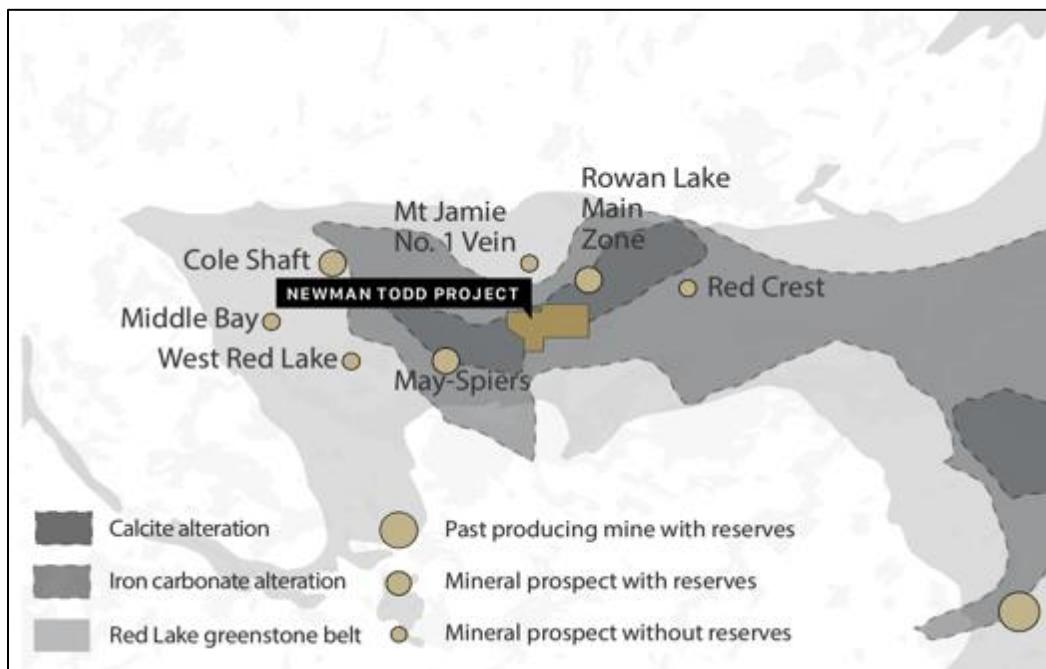
**Figure 2:** Plan view of the drillhole fan to test the structurally influenced high-grade mineralization at the NT Zone. Grade shells shown are 0.5-1.0 g/t Au (yellow) and >3.0 g/t Au (purple-red). North/South section line shown in red.

Drilling from 2013 and earlier had mostly focused on testing the NT Zone by targeting from the footwall with drilling toward the southeast, now known to be sub-parallel to gold mineralized veining and structures, potentially missing high-grade intersections or undercutting much of the targeted mineralization. Newman Todd is a highly prospective target with 41% of the 165 historic drill holes having intervals of greater than 20 g/t gold over various lengths. In addition, nearly all drilling has been conducted to depths of less than 400 metres.



**Figure 3:** Section view (looking west) showing short off-section drill hole to test structural influence on the high-grade gold mineralization at the NT Zone. Grade shells shown are 0.5-1.0 g/t Au (yellow) and >3.0 g/t Au (purple-red).

will continue to test various drill orientations in order to develop a comprehensive understanding of the mineralization and its structural controls and test the depth potential of the NT Zone. Figure 4 below shows the location of the Newman Todd Project as well as its relative location to the nearby past producing mines within the Red Lake Camp.



**Figure 4:** Location of the Newman Todd Project owned 100% by Trillium Gold Mines, including producing and past producing mines, mineral prospects, as well as the Red Lake Greenstone belt, geology and alteration packages

The technical information presented in this news release has been reviewed and approved by William Paterson QP, PGeo, VP of Exploration of Trillium Gold Mines, as defined by NI 43-101.

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On behalf of the Board of Directors,

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**About Trillium Gold Mines Inc.**

Trillium Gold Mines Inc. is a growth focused British Columbia based company engaged in the business of acquisition, exploration and development of mineral properties located in the Red Lake Mining District of Northern Ontario. The Company recently extended its holdings in the Confederation Lake and Birch-Uchi greenstone belts, as well as in highly prospective properties in Larder Lake, Ontario and the Matagami and Chibougamou areas of Quebec.

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