

Trillium Gold Encounters Visible Gold in 3 of 5 Drill Holes. More High-Grade Results from Drilling at Newman Todd

- Drilling intersected Rivard-style veins in the Newman Todd structure and 3 of the 5 holes contained visible gold (VG)
- Continued drilling intersects 16.1 g/t gold (Au) over 3.9m, 124.66 g/t gold (Au) over 0.24m, 49.56 g/t gold (Au) over 0.3m, all with visible gold
- Drill testing of high-grade gold intersections continues with 25,000 to 35,000 meters of drilling, planned across Rivard, Newman Todd and Gold Centre, to resume before mid January
- 4 drillholes remaining in the assay lab from 2020 drilling

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Vancouver, British Columbia, Canada – January 12, 2021 – Trillium Gold Mines Inc. (TSXV:TGM, OTCQX:TGLDF, FRA:0702) (“Trillium” or the “Company“ - <https://www.commodity-tv.com/ondemand/companies/profil/trillium-gold-mines-inc/>) is pleased to report further results from the Company’s 2020 drill program at its flagship Newman Todd Property in Red Lake, Ontario.

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Newman Todd continues to deliver high grade gold and VG. Our initial drill program has been very successful, with well mineralized zones, of significant width and grade, intersected in every hole drilled to date, including several intercepts containing VG. A total of 9 drillholes (3,823m) were completed by the Christmas break. This brings the total current drilling at Newman Todd in 2020 to 6,027m in 16 drillholes, the first drilling since 2013 on the property.

“This follow-on phase of drilling has continued to uphold our re-interpretation of the controls of the high-grade gold mineralization at Newman Todd” states William Paterson, Trillium Gold’s Vice President of Exploration, “and with updated modeling I expect this to continue allowing us to enhance the overall project. The VG intercept in hole NT20-175 shows us that there is still more gold to be found outside of the NT zone, in the hangingwall.”

Russell Starr, CEO of Trillium Gold comments “Our geologists have done an incredible job in a very short period of time re-interpreting historical drill results and targeting high grade and VG

at Newman Todd. Being able to follow Rivards high grade veins into the Newman Todd structure and encounter VG is an exceptional feat. Having an geological team with more than 100 years combined Red Lake exploration and production experience running our drill program should give shareholders further confidence for our upcoming 25,000 - 35,000 meter program.”

Holes NT20-165, NT20-173, and NT20-174 holes were designed to test the core of the Newman Todd zone in the center of the project area. In Hole NT20-165, three significant intercepts were encountered between 210m and 270m depth, including 2.0 g/t gold (Au) over 11.2m and 2.19 g/t gold (Au) over 13.87m. These were from silicified and sulphidized carbonate breccia with relatively high concentrations of magnetite. A single high-grade assay of 15.29 g/t gold (Au) over 0.53m from 96.84m was received from a mafic dyke cutting through the zone.

Hole NT20-173 intersected several mineralized horizons, including a narrow band of quartz within a silicified sulphide breccia zone at 239.6m depth which **contained visible gold** (see Figure 1). This zone assayed **16.1 g/t gold (Au) over 3.9m** from 238.0m depth.

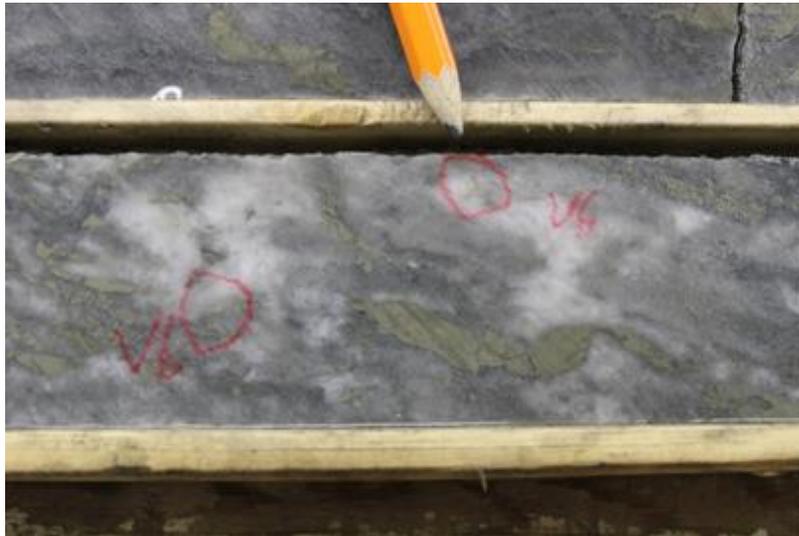


Figure 1: VG specks & clot in NT20-173 @ 239.6-.65m

Hole NT20-174 intersected a 5cm quartz vein **with visible gold** in the quartz sulphide breccia unit at a shallow 45.9m depth. This unit assayed **124.66 g/t gold (Au) over 0.24m**. Additional intercepts from this hole included 2.41 g/t gold (Au) over 9.18m at 211.14m depth and 1.69 g/t gold (Au) over 15.31m at 260m depth.

Hole NT20-175 was drilled on the west flank of the property, targeting a silicified zone hosted within a limestone/stromatolite unit from 52.88m to 88.5m depth. A **large clot of visible gold**

was noted at 86.35m in this zone that assayed **49.56 g/t gold (Au) over 0.3m** (Figure 2). Elevated assay results were also documented from historical drill holes intersecting this structure east of NT20-175.



Figure 2: VG clot in NT20-175 @ 86.35m

Holes NT20-176 and NT20-177 were drilled to follow up on results from NT20-169. Hole NT20-176 intersected a mineralized chert unit, followed by sections of silica-sulphide breccia with significant pyrite, magnetite and pyrrhotite mineralization, and a narrow zone of quartz veining with galena and pyrite in a felsic unit at the bottom of the drill hole. Final assay results for this hole are pending.

Hole NT20-177 intersected similar mineralized zones in the top of the hole, but no mineralized quartz veins were logged in the felsic unit on the footwall side of the NT Zone. Significant assays from this hole included 1.46 g/t gold (Au) over 2.4m at 162.5m depth and 7.29 g/t gold (Au) over 0.75m at 213.5m depth.

New significant assay composite results are compiled in Table 1. For a listing of the significant results obtained from the first Phase of the drilling program please refer to the press release dated October 28, 2020. Sections for drill holes presented are appended at the end of this release.



Table 1: Newman Todd significant assay composite results

Hole Number		From (m)	To (m)	Width (m)	Au (g/t)
NT20-165		23.77	24.13	0.36	3.94
NT20-165		33.00	34.00	1.00	1.04
NT20-165		43.60	44.60	1.00	1.02
NT20-165		48.99	52.20	3.21	2.80
NT20-165		53.22	54.00	0.78	1.34
NT20-165		65.40	67.81	2.41	1.89
NT20-165		96.84	97.37	0.53	15.29
NT20-165		132.90	133.90	1.00	1.24
NT20-165		191.50	192.10	0.60	2.92
NT20-165		194.50	195.50	1.00	1.52
NT20-165		210.15	216.88	6.73	2.34
NT20-165		232.50	243.70	11.20	2.00
NT20-165		246.90	249.60	2.70	0.98
NT20-165		253.80	267.67	13.87	2.19
NT20-165		282.60	283.60	1.00	2.18
NT20-165		294.70	295.70	1.00	1.15
NT20-165		322.00	323.00	1.00	1.04
NT20-165		328.50	329.00	0.50	2.93
NT20-165		335.60	336.27	0.67	4.78
NT20-173		107.80	108.80	1.00	1.12
NT20-173		121.44	122.20	0.76	3.02
NT20-173		181.75	182.58	0.83	6.38
NT20-173		185.00	185.51	0.51	2.12
NT20-173		188.26	188.71	0.45	2.54
NT20-173		192.06	200.00	7.60	2.53
NT20-173		203.69	206.63	2.94	3.77
NT20-173		226.00	227.00	1.00	1.11
NT20-173		238.00	241.90	3.90	16.10
NT20-173		325.46	326.28	0.82	2.15
NT20-174		45.90	46.14	0.24	124.66
NT20-174		61.30	64.00	2.70	1.95
NT20-174		110.37	110.97	0.60	17.90
NT20-174		131.00	150.80	19.80	1.92
NT20-174	<i>Including:</i>	<i>150.00</i>	<i>150.80</i>	<i>0.80</i>	<i>11.63</i>
NT20-174		184.90	186.00	1.10	1.09
NT20-174		195.00	198.00	3.00	5.10
NT20-174		202.00	207.00	5.00	0.82
NT20-174		211.14	220.32	9.18	2.41
NT20-174	<i>Including:</i>	<i>213.93</i>	<i>214.86</i>	<i>0.93</i>	<i>11.80</i>
NT20-174		249.80	250.80	1.00	1.91
NT20-174		255.00	258.00	3.00	1.98
NT20-174		260.00	275.30	15.31	1.69
NT20-174	<i>Including:</i>	<i>264.00</i>	<i>264.70</i>	<i>0.70</i>	<i>12.33</i>
NT20-174		326.00	327.20	1.20	1.27
NT20-175		86.25	86.55	0.30	49.56
NT20-175		119.90	121.00	1.10	1.05



Hole Number		From (m)	To (m)	Width (m)	Au (g/t)
NT20-175		162.50	164.60	2.40	1.46
NT20-175		199.50	200.10	0.60	1.71
NT20-175		204.75	205.70	0.95	1.37
NT20-175		213.50	214.25	0.75	7.29
NT20-175		240.00	241.00	1.00	1.38
NT20-177		168.60	169.50	0.90	4.03
NT20-177		248.32	249.32	1.00	2.21
NT20-177		267.43	268.30	0.87	3.01
NT20-177		275.80	276.40	0.60	2.03
NT20-177		279.00	280.00	1.00	1.06
NT20-177		295.35	296.35	1.00	1.83
NT20-177		344.00	345.00	1.00	2.57
NT20-177		390.00	391.00	1.00	1.47



The Newman Todd Zone is currently a 2.2km long and up to 200 metre-wide structural target which is situated in the Red Lake Gold Camp. Drilling from 2013 and earlier had mostly focused on testing the zone by targeting the footwall with drilling toward the southeast, now known to be sub-parallel to gold mineralized veining and structures, as seen on the Rivard property immediately to the west, and potentially missing high-grade intersections or undercutting much of the targeted zone. 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 to depths less than 400m. The Red Lake Camp is famously known for high grade gold mineralization at depth with Evolution Mining's Red Lake Gold Mine currently reaching depths of several thousands of feet. Trillium will continue to test various drill orientations in order to develop a comprehensive understanding of the mineralization and structural controls and test the depth potential of the Newman Todd Zone. Figure 3 below shows the location of the Newman Todd Project as well as its relative location to the producing and past producing mines within the Red Lake Camp.

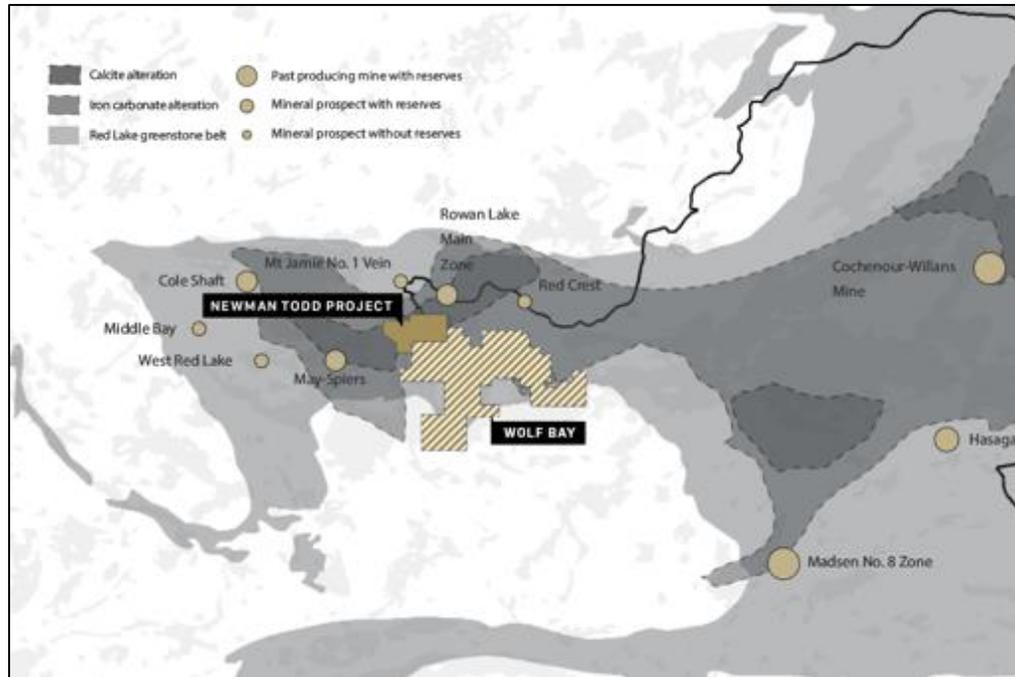


Figure 3: Geologic map of Red Lake including producing and past producing mines, mineral prospects, as well as the Red Lake Greenstone belt, geology and alteration packages.

All drilling was supervised by Paul Barc, PGeo. The drilling was conducted by Rodren Drilling Ltd., of West St. Paul, Manitoba. Drill core was logged and sampled in a secure core facility on site. Core samples from the program were cut in half, using a diamond cutting saw, and half cores were sent for analysis to the SGS Laboratory in Red Lake, ON, an accredited mineral analysis laboratory. All samples were analysed for gold using standard Fire Assay-AA techniques. Samples returning over 10.0 g/t gold were analysed utilizing standard Fire Assay-Gravimetric methods. Duplicate assays of approximately 5% of the samples were also obtained from the coarse reject of the original sample. Selected samples with results greater than one ounce per ton gold were also analyzed with a standard 1 kg metallic screen fire assay. Certified gold reference standards and blanks are routinely inserted into the sample stream, as part of Trillium Gold's quality control/quality assurance program (QAQC) to monitor accuracy and precision. No QAQC issues were noted with the results reported herein. All drill intercepts reported are down-hole core lengths, which does not necessarily represent true widths.

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.



For further information about this news release and the Company's current activities contact info@trilliumgold.com , visit our website at www.trilliumgold.com or call us at 604-688-9588.

On behalf of the Board of Directors,

Trillium Gold Mines Inc.

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About Trillium Gold Mines Inc.

Trillium Gold Mines Inc. is a British Columbia based company engaged in the business of acquisition, exploration and development of mineral properties located in the highly prospective Red Lake Mining District of Northern Ontario.

Disclosure and Caution

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accepts responsibility for the adequacy or accuracy of this release.

This news release contains forward-looking information, which involves known and unknown risks, uncertainties and other factors that may cause actual events to differ materially from current expectation. Readers are cautioned not to place undue reliance on these forward-looking statements, which speak only as of the date of this press release. The Company disclaims any intention or obligation, except to the extent required by law, to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise.

2020 Drill Program Results - Plan and Section Views

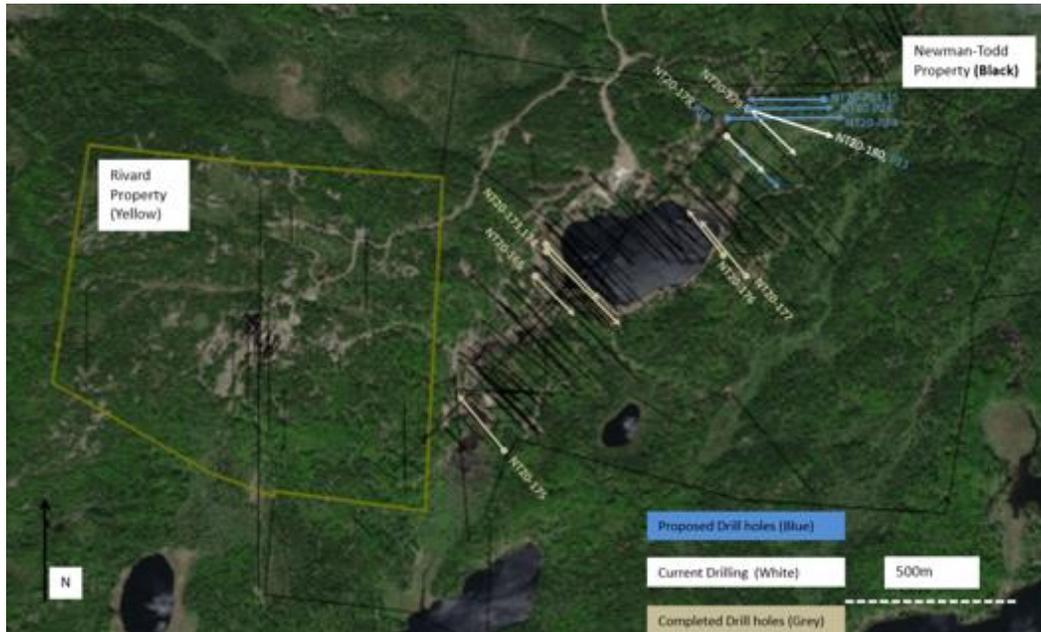


Diagram 1: Drill layout, plan view



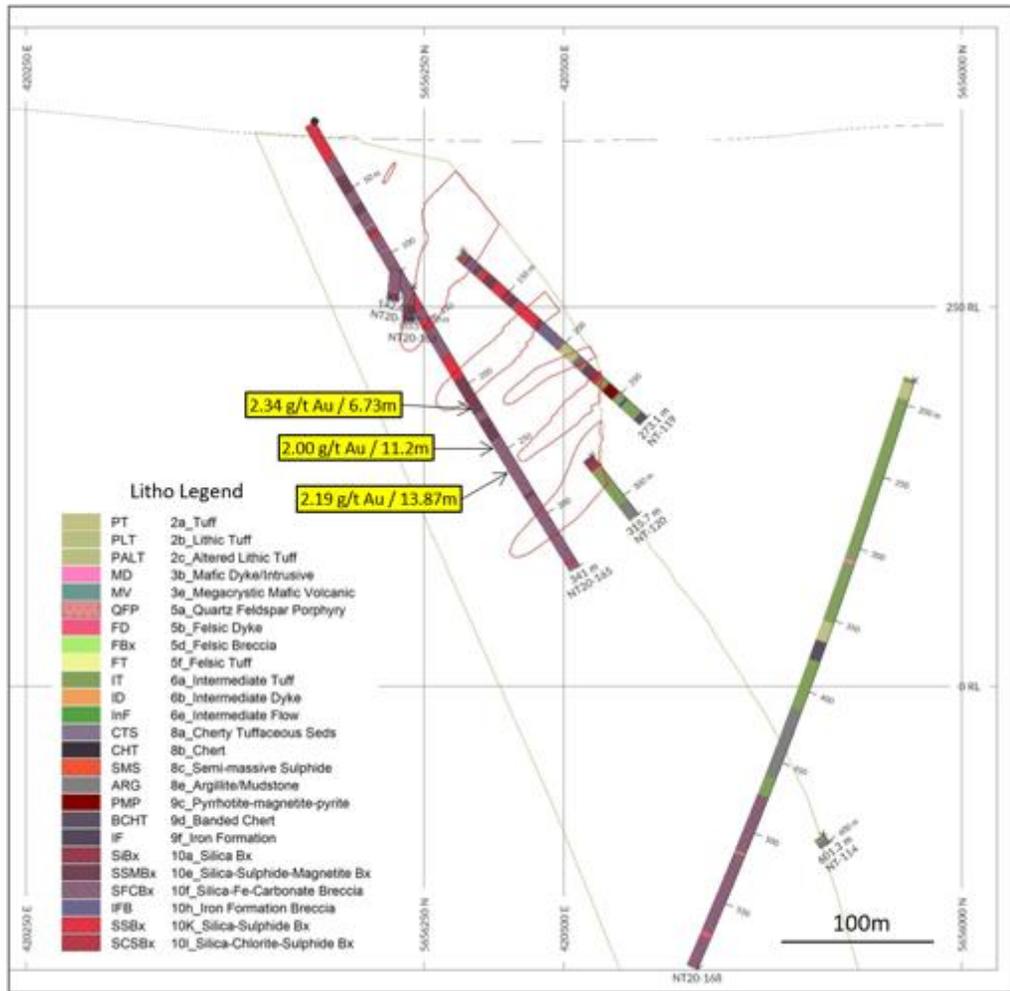


Diagram 2: DDH NT20-165, vertical section, looking northeast, 20m window. NT Zone outline dipping SE (right), internal wireframes are mineralized shapes used in 2015 Preliminary Economic Evaluation.

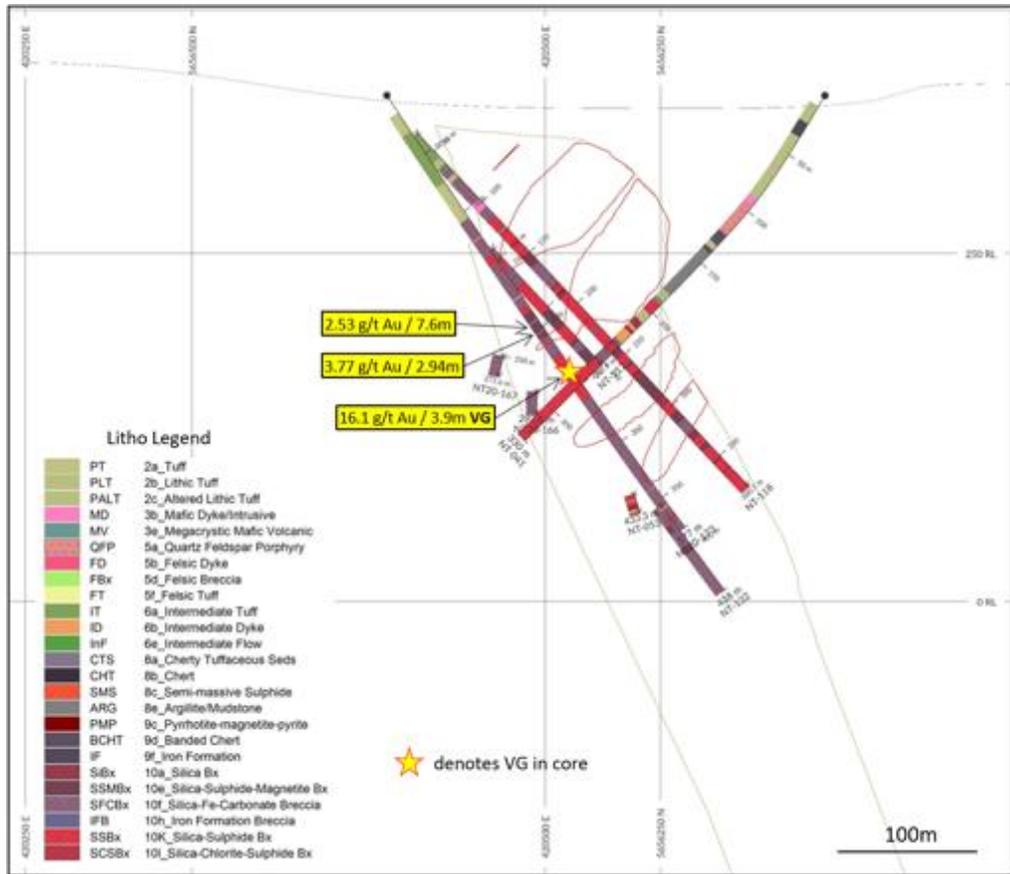


Diagram 3: DDH NT20-173, vertical section, looking northeast, 15m window. NT Zone outline dipping SE (right), internal wireframes are mineralized shapes used in 2015 Preliminary Economic Evaluation.

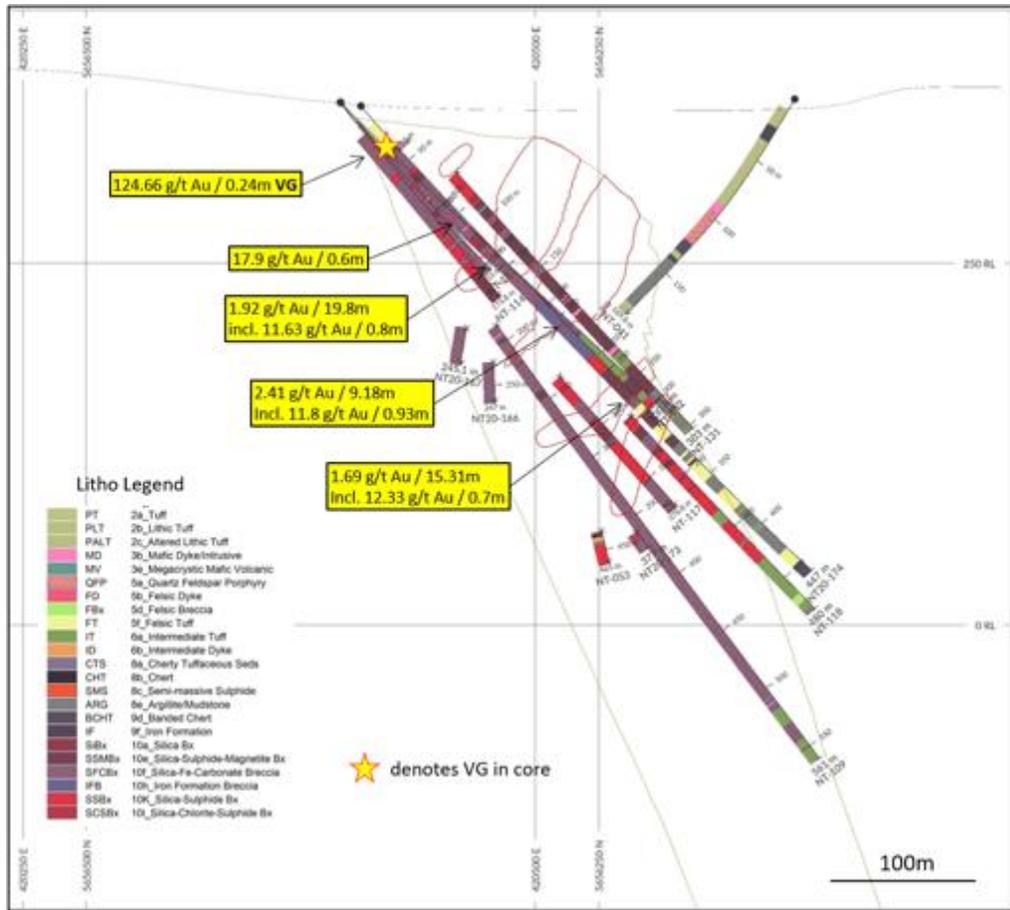


Diagram 4: DDH NT20-174, vertical section, looking northeast, 20m window. NT Zone outline dipping SE (right), internal wireframes are mineralized shapes used in 2015 Preliminary Economic Evaluation.

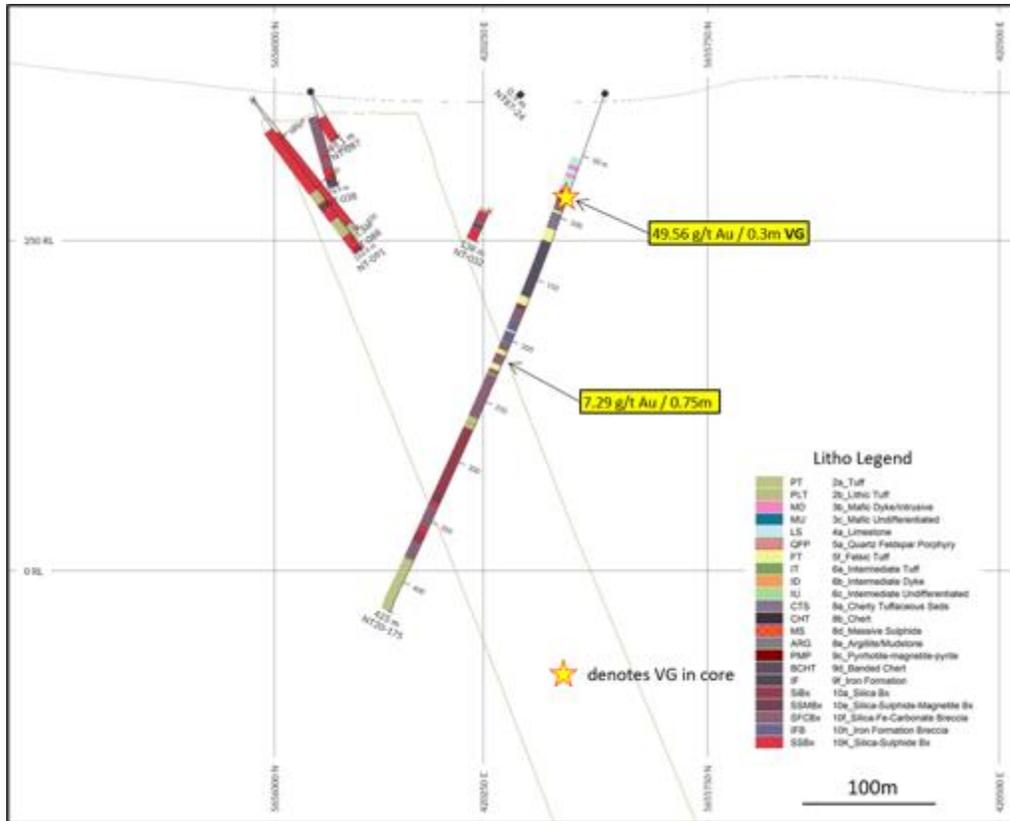


Diagram 5: DDH NT20-175, vertical section, looking northeast, 60m window. NT Zone outline dipping SE (right), internal wireframes are mineralized shapes used in 2015 Preliminary Economic Evaluation.

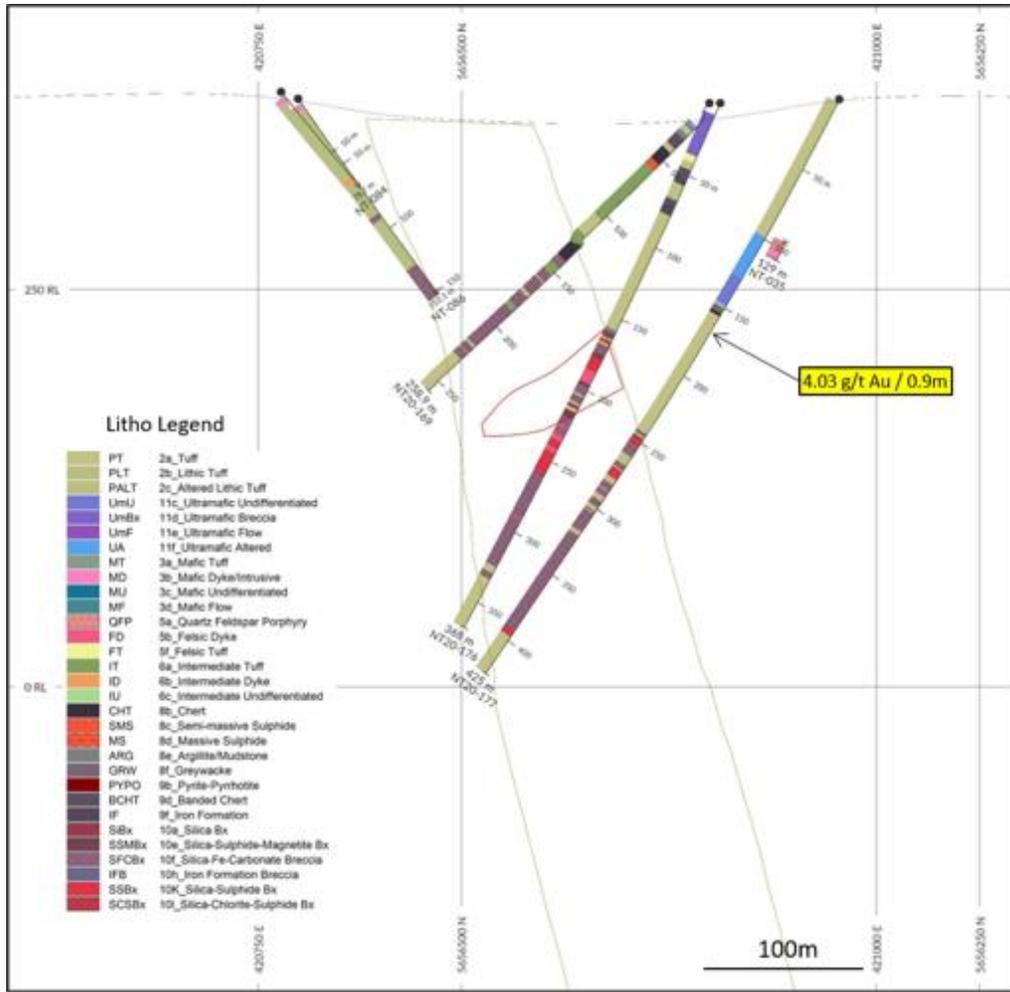


Diagram 6: DDH NT20-177, vertical section, looking northeast, 50m window. NT Zone outline dipping SE (right), internal wireframes are mineralized shapes used in 2015 Preliminary Economic Evaluation.