

# Tombill Mines Confirms Extension of the F-Zone onto Its Flagship Property: Intersects 6.23 gpt Gold over 13.3m

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Vancouver, June 17, 2021 - [Tombill Mines Ltd.](#) (TSXV: TBLL) (the "Company" or "Tombill"), is pleased to provide an exploration update at its 100% controlled, royalty-free flagship and patented Tombill Main Group property within the Geraldton Gold Camp.

## Highlights to Date of Phase One Program

- Hole TB21-005A, a wedge hole drilled from mother hole TB21-005, returned 6.23 grams per tonne (gpt) gold over 13.3 metres (m) confirming Hardrock's robust F-Zone extends onto its flagship property.
- This intercept is situated approximately 250m west of the eastern property boundary with the neighbouring Hardrock mine.
- Tombill believes this intercept cuts the lower third of the 150m tall F-Zone target, and is therefore commencing a wedge hole, TB21-005B, that will better test the full breadth and height of this mineralized zone.
- F-Zone remains wide open down-plunge to the west and will soon be tested by hole TB21-006, a 150m step-out to the west of TB21-005.
- Recent drilling has indicated an area of structural complexity exists between hole TB21-005 and the eastern property boundary where Tombill has determined a series of N-S trending faults and at least one post mineral dyke have shifted the F-Zone from its projected position.
- The F-Zone intercept encountered in hole TB21-005A indicates this body of mineralization is back in its original trajectory and should remain so further to the west.
- Due to structural complexities discussed above, holes TB21-001, TB21-002, TB21-003, and their respective wedge holes encountered short intercepts of F-Zone material as well as other zones of mineralization (see table below). Hole TB21-003 failed to reach target.

Tim Twomey, Senior Geological Advisor to Tombill, commented; "The F-Zone intercept encountered in hole TB21-005A is robust and geologically similar to those I found within the Hardrock project when I was leading the team that delineated the F-Zone for Premier Gold Mines between 2008 to 2012. The area of structural complexity we encountered in our first drill holes required some careful interpretation, but now that we have solved this complex geological puzzle, I am confident the F-Zone will continue westward where it remains open down-plunge. We look forward to seeing results from further step-out drilling beginning with hole TB21-006 that will be collared 150m west of TB21-005. We also look forward to seeing results from wedge hole TB21-005B which we have designed to better test the full width and height of the F-Zone."

Figure 1 - Longitudinal Section in 3D Looking North

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Table 1 - Significant Results of Phase One Program to Date

Hole-ID	Collar UTM	Azimuth/Dip (degrees)	From (m)	To (m)	Length (m)	Au (gpt)	Z
TB21-001	500987E, 5502807N	012/-82	Encountered post mineral dyke				
TB21-001A	Wedged at 400m on TB21-001		1191.0	1192.0	1.0	6.03	F-Z
TB21-002	501048E, 5502609N	355/-82	768.0	769.0	1.0	4.21	HW
drilled below F-Zone			1203.0	1203.8	0.8	6.90	K-Z
TB21-003	501072E, 5502888N	359/-82	Abandoned due to technical difficulties				

TB21-004	501048E, 5502609N	358/-78	757.7	758.7	1.0	5.29	UM-
			1242.4	1244.5	2.1	4.50	F-Z
TB21-005A			1018.5	1022.7	4.2	2.99	SP
	Wedged at 600m on TB21-001		1078.0	1081.5	3.5	2.05	F-Zone
			1095.0	1108.3	13.3	6.24	F-Z

Note: UTM co-ordinates in NAD83 Zone 16U

## Phase One Program Update

Phase One Program on the Tombill Main Group is ongoing with five mother holes completed plus three daughter holes or planned wedges (Fig. 1). This program is focussed on the western strike extension of neighbouring Hardrock Project's robust F-Zone. The area immediately west of Tombill Main Group's eastern property boundary has been found to be geologically complex with N-S trending faulting and at least one post mineral dyke. Tombill's geology team have now assembled enough drill-hole data to accurately interpret this area of complexity thus allowing for better targeting of the F-Zone moving forward. The following is a synopsis of the results to date:

- TB21-001 did not intersect the F-Zone target but rather intersected a post-mineral diabase dyke at a low-angle to its north-south strike direction. Several late faults were also encountered.
- Daughter hole TB21-001A was completed to a downhole depth of 1220m and intersected the very bottom tip of the F-Zone in a "fault offset block". This intercept returned 6.03 gpt Au over 1.0m in typical F-Zone alteration with a quartz veinlet containing visible gold (VG).
- TB21-002 was designed to test the area of structural complexity below the F-Zone rather than targeting the zone itself. It was completed to a down-hole depth of 1453m and also encountered areas of structural complexity. This hole intersected a new zone of mineralization named the HW Zone returning 4.21 gpt Au over 1.0m and also intersected the interpreted bottom of the K-Zone, showing typical mineralization in banded iron formation (BIF), and returning 6.90 gpt Au over 0.8m.
- TB21-003 was drilled to 891m down-hole, but was abandoned due to technical difficulties before the F-Zone target was reached.
- TB21-004 was completed at a down-hole depth of 1394m and intersected the bottom tip of the F-Zone in the "fault offset block". It returned 4.50 gpt Au over 2.1m within typical F-Zone type mineralization. This hole also intersected a new zone of mineralization within ultramafic intrusive called the UM Zone returning 5.29 gpt Au over 1.0m.
- TB21-004A has recently been wedged from mother hole TB21-004 and will test the F-Zone "fault offset target" above the narrow intercept in hole TB21-001A. The F-Zone "fault-offset target" was identified based on an intercept of F-Zone mineralization with VG intersected in hole TB21-001A. The fault that is believed to offset this target was modelled from data from TB21-004 at 323m, where a faulted and brecciated zone containing smoky quartz crystals was intersected. This is a similar structure as the Mosher No. 3 Shaft Fault that offset the F-Zone, encountered in the 1960's at Mosher Mine's 17<sup>th</sup> level.
- TB21-005 was drilled to a down-hole depth of 875m and was stopped prior to testing the F-Zone when it was determined it had deviated from the direction necessary to hit the target.
- TB21-005A - a daughter hole -- was wedged from TB21-005 at 600m. This hole first intersected the SP Zone returning 2.99gpt Au over 4.2m and then the F-Zone returning 6.24 gpt Au over 13.3m.
- TB21-005B - a newly commenced daughter hole -- is drilling to test the F-Zone 50m above the TB21-005A intercept.

Tim Twomey further states: "We are also encouraged by the number of other subsidiary zones that the drilling has intersected on the way to the F-Zone target. These are relatively narrow where they have been intersected due to their different plunge orientation when compared to the F-Zone. So, we believe that when we focus on those zones after the F-Zone is delineated, there will be more robust intersections within those other zones where maximum dilatancy had occurred adjacent to the F-Zone plunge."

More than 7 km of core have been drilled to date on the Phase One Program. The Program is ongoing with two drills from Rodren Drilling.

Figure 2 - F-Zone Mineralization in Hole TB21-005A at Around 1099 m. Sample #445087 Within Photo Returned 50.6 gpt Au Over 1.0 m From 1095.0 To 1096.0 m.

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Figure 3 -- Cross-section showing intercepts in Hole TB21-005A

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Adam Horne, CEO - commented; "Some 400m from hole MM170 on our neighbours claims, and 250m west of our eastern property boundary, our technical team has diligently confirmed the continuation of the robust F-zone plus additional gold zones plunging from east to west onto our ground. Mineralization encountered in hole TB21-005A is in line with that of the F-Zone of our neighbour, Hardrock Project. We aim to extend this 4.5 km long zone as we continue to pursue step-out drilling to the west of hole TB21-005. We are also pleased to be pursuing our new near surface targets for which our preliminary work shows solid potential for discovery of new mineralized zones like those next door at Hardrock."

Quinton Hennigh, Advisory Board Director, further added; "The first drill holes of the Phase 1 Program clearly showed we were facing unexpected structural complexities near the eastern edge of our target area. The geology team at Tombill quickly interpreted this early data and successfully adjusted the drill program resulting in confirmation that the F-Zone extends onto our ground. Recent magnetic data suggests we should not encounter further complexities as we now step-out further to the west. Exploration is always full of challenges, but in this case, these were met head on by Tombill's well-seasoned exploration team. It is always a delight to see such work in progress."

#### QA/QC

Assays were performed at Actlabs accredited lab in Geraldton, Ontario. Tombill geologists insert blanks and standards into the sample stream at a rate of 1 per 20 samples. A chain of custody is maintained to the assay lab. At present, the true widths of the mineralized intercepts have not been calculated.

#### Qualified Person

Glen Kuntz, P.Geo, of Nordmin Engineering Ltd., is the Company's designated Qualified Person for this news release within the meaning of National Instrument 43-101 Standards of Disclosure for Mineral Projects and has reviewed and approved its scientific and technical content.

#### About Tombill

Tombill owns various royalty-free mineral exploration and past-producing gold properties in the Geraldton and Beardmore Camp, Ontario. The Company's business is mineral exploration, primarily gold. It has 74 claims: 60 are owned and patented, five leased, and nine where it owns the mineral rights. Of these, the Tombill Main Group property comprises 58 claims: 54 owned patents, and four owned mineral rights. The Tombill Main Group claims were originally staked in the first Geraldton Gold Rush in the 1930's by Tom Johnson and his brother Bill.

For more information, please visit [www.tombillmines.com](http://www.tombillmines.com), and contact:

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