**ASX Announcement and Media Release**
Thursday, 3 November 2022

# Rio Tinto Exploration Commences Maiden Drilling Program at West Wits' Mt Cecelia Project

West Wits Mining Limited (**ASX: WWI**) (**OTCQB: WMWWF**) ("**West Wits**", "**WWI**" or "**the Company**") is pleased to announce Farm-In partner, Rio Tinto Exploration Pty Ltd ("RTX"), has commenced the maiden drilling program at WWI's Mt Cecelia project in the Paterson Province, Western Australia.

## HIGLIGHTS

- Farm-In partner, RTX, has commenced its maiden drilling program on Mt Cecelia's Primary Target (SGC_1)
- Access tracks and drill pads cleared for six drill-site locations to test SGC_1 anomalies identified from airborne and ground electromagnetic ("EM") surveys undertaken by WWI
- RTX plans to achieve an initial 800m minimum of reverse circulation ("RC") drilling across three Priority 1 drill-sites at SGC_1

**West Wits Mining Limited ("WWI" "West Wits" or "the Company") Managing Director & Chief Executive Officer Mr Jac van Heerden said,** *"Commencement of drilling at our Mt Cecelia project by Farm-In partner, Rio Tinto Exploration, transitions this highly prospective exploration tenement into an exciting stage of exploration. RTX's regional expertise, workforce and funding enables the Company to progress Mt Cecelia's promising EM results whilst the West Wits team focuses on executing the development strategy at WWI's 4.28Moz gold project in South Africa.[4] The Company looks forward to tracking RTX's progress on this first pass drilling in the world-class exploration region of Western Australia (Figure 3)."*

## EXPLORATION UPDATE

RTX has completed track clearing and site preparation at high priority SGC_1 target in the far north of the tenement (E45/5045), enabling the commencement of the Mt Cecelia Project's maiden drilling campaign under the RTX Farm-In and Joint Venture Agreement. **Image 1** showcases drilling operations at the first drill-hole (WEWI0001) which has a target depth of 300m.

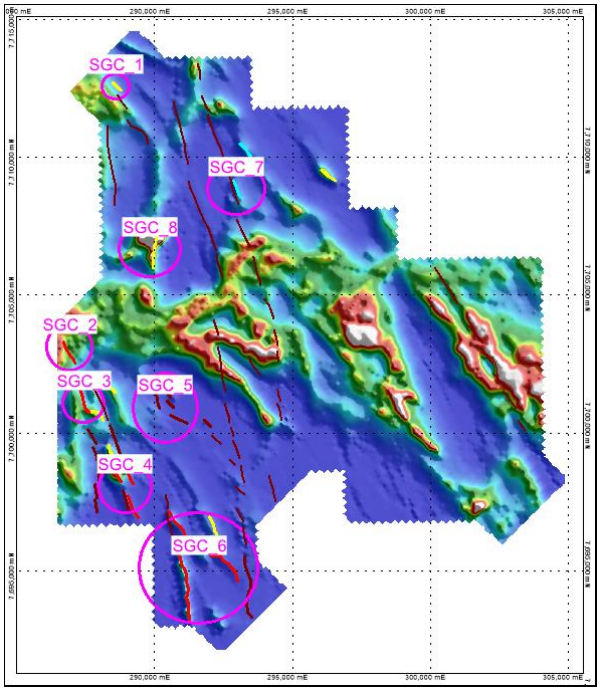
**IMAGE 1**: MT CECELIA'S MAIDEN DRILL-HOLE (WEWI0001) ON SGC_1 EM TARGET



As previously reported, the targets are electromagnetic ("EM") anomalies identified from airborne and ground EM surveys undertaken by West Wits in 2020 and 2021 respectively. The anomalies are interpreted as potential bedrock conductors that may represent base metal sulphide mineralisation[1].

**Figure 1** Eight SGC target zones (magenta) identified. Conductor axes marked by lines (bright red, yellow and blue) together with magnetic lineaments (brown) on SKYTEM CH15Z component image[1]. High Priority EM Target, SGC_1, is located in the North-West portion of the tenement.

**FIGURE 1**: Heliborne EM Survey[1]



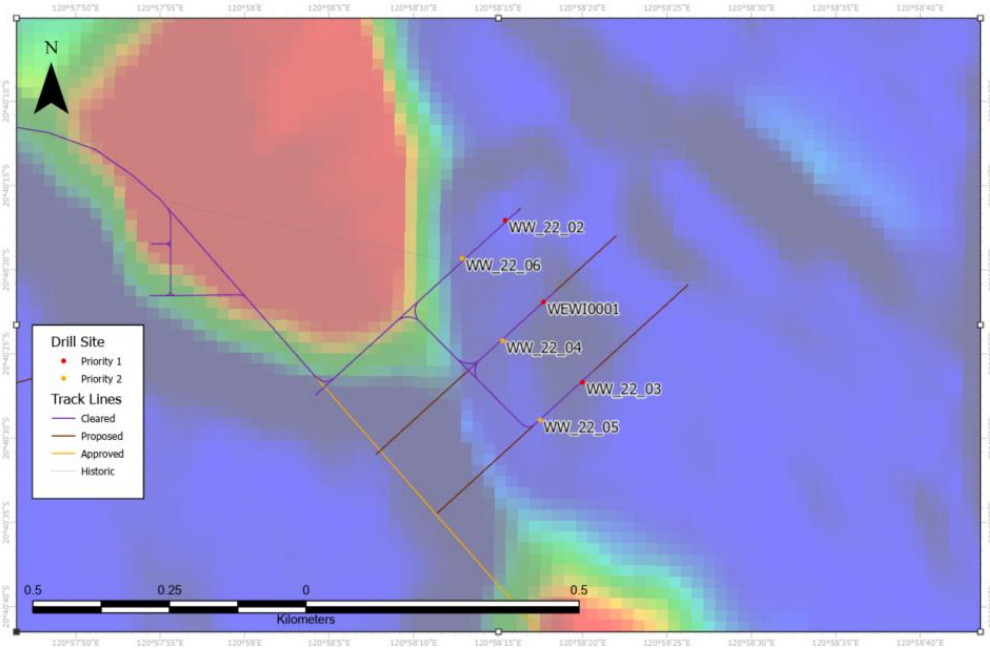

SGC_1 was classed the highest priority target defined via the SKYTEM survey given the clearly discrete nature of the anomalism and correlation with a zone of de-magnetisation in the local sequence[1]. Resultant MLTEM survey data confirmed the presence of a strong, localised bedrock conductor. The conductor is situated either within a zone of local de-magnetisation or at the contact of a complex magnetic unit and represented an immediate drill target.

**Table 1** Key MLTEM Data with SGC_1 showing the highest conductance value which supporting SGC_1 as the first priority for further exploration[2].

| Target | Conductance (S) | Depth to Top (m) | Strike Length (m) | Strike Direction | Depth Extent (m) | Dip & Direction |
|---|---|---|---|---|---|---|
| **SGC_1** | 4000-5000+ | 100-125 | ~150-175 | NNW-SSE | >300 | 75-80° NE/ENE dip |

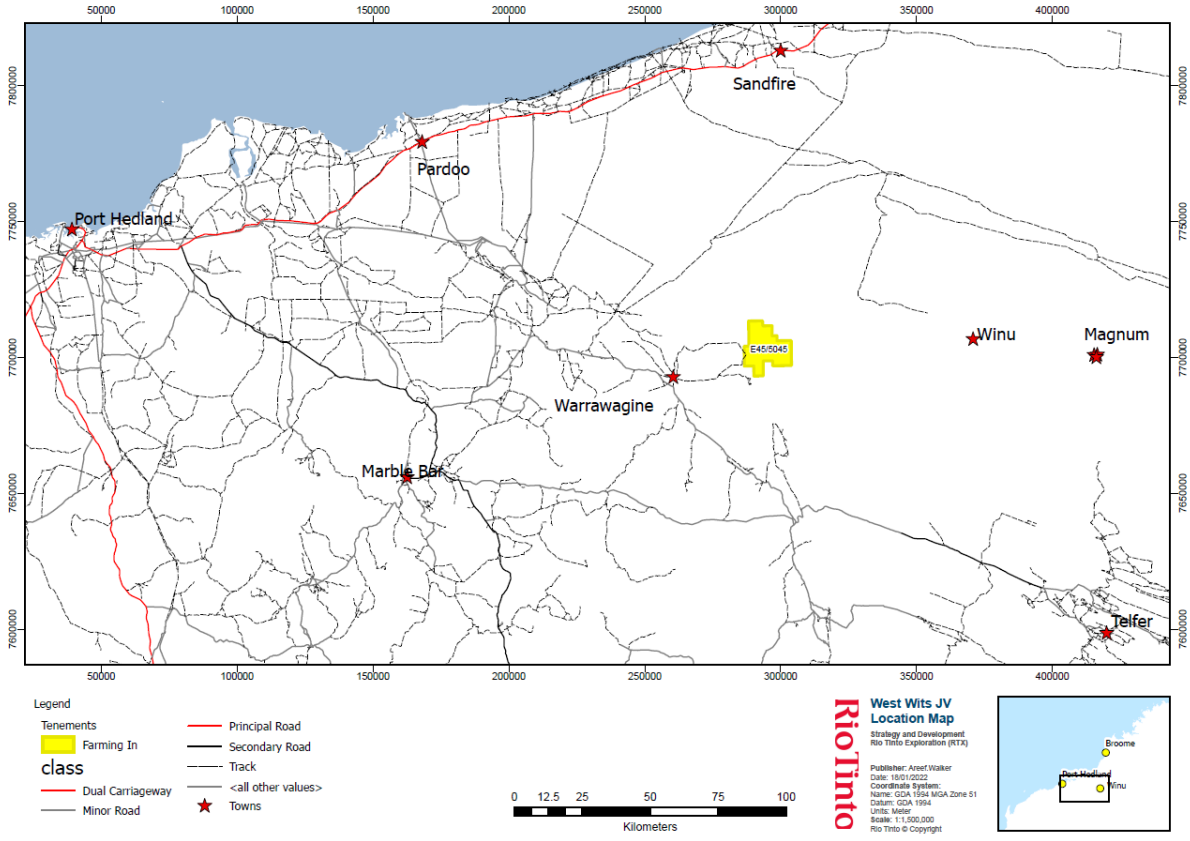
**Figure 2** depicts the cleared access tracks (purple lines) to six drill-pads, situated at the primary EM target SGC_1, cleared and prepared by RTX. Three Priority 1 angled drill-holes (red) are planned for the initial 800m phase of drilling which, once completed, will meet RTX's minimum Stage 1 exploration commitment. Priority 2 vertical drill-holes (yellow) have been designed over the EM target due to the possibility for challenging cover to prevent drilling to basement depths. Angled holes are the preferred method however, if angled drilling is deemed challenging, vertical holes can be drilled as contingency.

**FIGURE 2**: Access tracks to Priority 1 (red) & Priority 2 (yellow) Drill Pads at Mt Cecelia's primary EM target SGC_1




The initial three-hole drilling program has target depths of 300m per hole and is anticipated to be completed by mid-November. The exploration team will prepare and send samples to ALS laboratories for assaying.

**FIGURE 3**: Location map of WWI / RTX Farm-In Project - Mt Cecelia Exploration Tenement (E45/5045) - single 225km$^2$ tenement located approx. 300km east of Port Hedland (source: RTX).



**Issue of Milestone 2 Shares**

The Company will issue 35,000,000 WWI ordinary shares for the commencement of an RC drilling program at the Mt Cecelia project (Milestone 2 Shares) to the vendors of Northern Reserves Pty Ltd (Mt Cecelia - Exploration Tenement) as part of the purchase consideration[3]. Shareholder approval for the issue of Milestone 2 Shares was obtained at the WWI General Meeting held on 18/01/2018.

Approved for release by the Company's Managing Director and CEO.



**Jac van Heerden**
**Managing Director and CEO**
**West Wits Mining Limited**

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## ABOUT WEST WITS MINING LIMITED

West Wits Mining Limited (**ASX: WWI**) (**OTCQB: WMWWF**) is focused on the exploration, development and production of high value precious and base metals for the benefit of shareholders, communities and environments in which it operates. Witwatersrand Basin Project, located in the proven gold region of Central Rand Goldfield of South Africa boasts, a 4.28Moz gold project at 4.58g/t[4]. The Witwatersrand Basin is a largely underground geological formation which surfaces in the Witwatersrand. It holds the world's largest known gold reserves and has produced over 1.5 billion ounces (over 40,000 metric tons), which represents about 22% of all the gold accounted for above the surface. In Western Australia, WWI is exploring for gold and copper at the Mt Cecelia Project in a district that supports several world-class projects such as Woodie Woodie manganese mine, Nifty copper and Telfer gold/copper/silver mines.

1. The original report was "*HEM Survey Identifies Eight Targets Areas at Mt Cecelia*" which was issued with consent of Competent Person, Mr. Russell Mortimer. The report was released to the ASX on 16/12/2020 and can be found on the Company's website (https://westwitsmining.com/). The Company is not aware of any new information or data that materially effects the information included in the relevant market announcement. The form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.
2. The original report was "Ground EM Survey Confirm High-Priority Targets at Mt Cecelia" which was issued with consent of Competent Person, Mr. Russell Mortimer. The report was released to the ASX on 10/09/2021 and can be found on the Company's website (https://westwitsmining.com/). The Company is not aware of any new information or data that materially effects the information included in the relevant market announcement. The form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.
3. WWI ASX Release 25/10/2017 "*Acquisition of Pilbara Gold Project and Capital Raising*"
4. The original report was "*WBP's Global JORC Mineral Resource Expands by 724,000oz to 4.28MOZ at 4.58 g/t Gold*" which was issued with consent of the Competent Person, Mrs Cecilia Hattingh. The report was released to the ASX on 3 December 2021 and can be found on the Company's website (https://westwitsmining.com/). Comprising 8.8MT at 4.60g/t for 1.449Moz measured, 11.3MT at 4.19g/t for 1.517Moz Indicated and 8MT at 5.10g/t for 1.309Moz inferred. The Company is not aware of any new information or data that materially effects the information included in the relevant market announcement and, in the case of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement