



## Australian Securities Exchange Announcement

16 February 2015

ASX Market Announcements  
Australian Securities Exchange  
20 Bridge Street  
SYDNEY NSW 2000

### **Redback RC-Diamond Drilling Programme Commenced**

Tychean Resources Ltd (ASX: TYK) (**Tychean** or **Company**) is pleased to announce that it has commenced a ~3,200 metre, 14 drill hole, Reverse Circulation (RC) and Diamond drilling programme at the Redback Prospect within the Company's wholly owned Spargoville Gold Project in the Eastern Goldfields of Western Australia, (Figure 1).

The drill programme is the result of a comprehensive evaluation and review of all drilling completed to date at the Redback Prospect and is designed to extend and infill the high grade Eastern and Western Zones which are interpreted over a collective strike extent of 180 metres. All collar and proposed intersection points are depicted on the attached plans and long sections, (Figures 2 - 4).

Three target zones have been identified from the drilling completed to date at the Redback Prospect which require further evaluation.

- Southern Eastern Zone

A total of 6 holes for ~1,150 metres are designed to infill and extend previously intersected high grade mineralisation within the Eastern Zone in the south which includes 16 metres at 6.00g/t Au from 118 metres including 4 metres at 15.3g/t Au from 121 metres, (SPRC075, Figures 3 and 5). The infill drilling will be completed at a 10m x 20m drill spacing (~20m x 20m intersection separation) and the extensional drilling at 20m x 20m (~40m x 20m intersection separation). In comparison a drill spacing of 10m x 10m was required in order to intersect the outstanding intersections within exploration drilling within the Wattle Dam Eastern Zone mineralisation including (but not limited to) 16 metres at 482g/t Au from 123 metres including 1 metre at 6,770g/t Au from 129 metres\*. The drill spacing at Wattle Dam was required due to the high grade mineralisation's limited strike length (minimum 40 metres) and nuggetty and variable nature, as identified at the Redback Prospect.

- Northern Eastern Zone

A total of 2 holes for ~400 metres are planned to further infill the Northern Eastern Zone mineralisation where there is a change in the dip of the prospective ultramafic/felsic contact and associated Eastern Zone, to steeply easterly dipping from westerly dipping. The change in orientation of the contact is marked by the intersection of high grade mineralisation within the Eastern Zone within previous drilling including 3 metres at 14.9g/t Au from 132 metres including 1 metre at 38.0g/t Au from 132 metres (SPRC069) and 7 metres @ 6.46g/t Au from 138 metres including 2 metres at 14.3g/t Au from 139 metres, (SPRC082, Figure 3). The drilling will be orientated to the west (Figure 6) to optimally intersect the easterly dipping Eastern Zone then continue through to intersect the Central and Western Zones, prior to terminating in the Western felsic unit. The drilling will result in a drill intersection point separation of ~20/30m x 20m.

- Western Zone at Depth

A total of 6 holes for ~1,650 metres are primarily designed to test for depth and strike extensions to the Western Zone in the north where previous Tychean RC drilling intersected consistent and greater widths of highly anomalous values including 20 metres at 4.04g/t Au from 195 metres including 2 metres at 12.1g/t Au from 197 metres and 1 metre at 13.3g/t Au from 206 metres (SPRC090) and 9 metres at 4.78g/t Au from 170 metres including 4 metres at 9.05g/t Au from 172 metres, (SPRC075, Figure 4 and 6). Two of the planned holes testing the Western Zone will also test the northern plunge extension of the Northern Eastern Zone mineralisation.

The drilling is likely to take approximately 40 days to complete and results will be reported as required. All results from the drilling are expected to be received by mid to late April.

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Further information relating to Tychean Resources Ltd and its various exploration projects can be found at its website: [www.tycheanresources.com](http://www.tycheanresources.com)

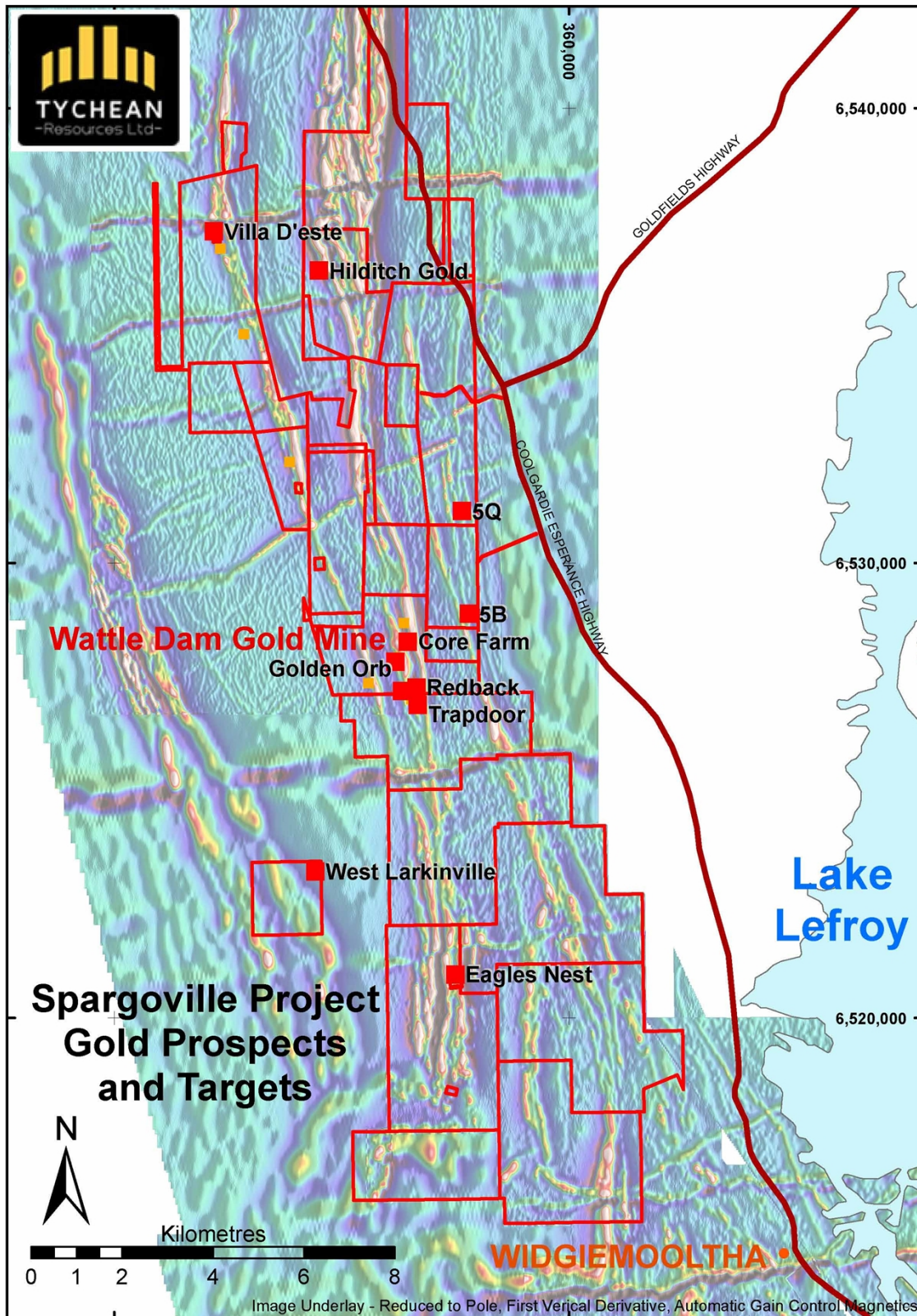


Figure 1 – Spargoville Gold Project – Prospect Location Plan

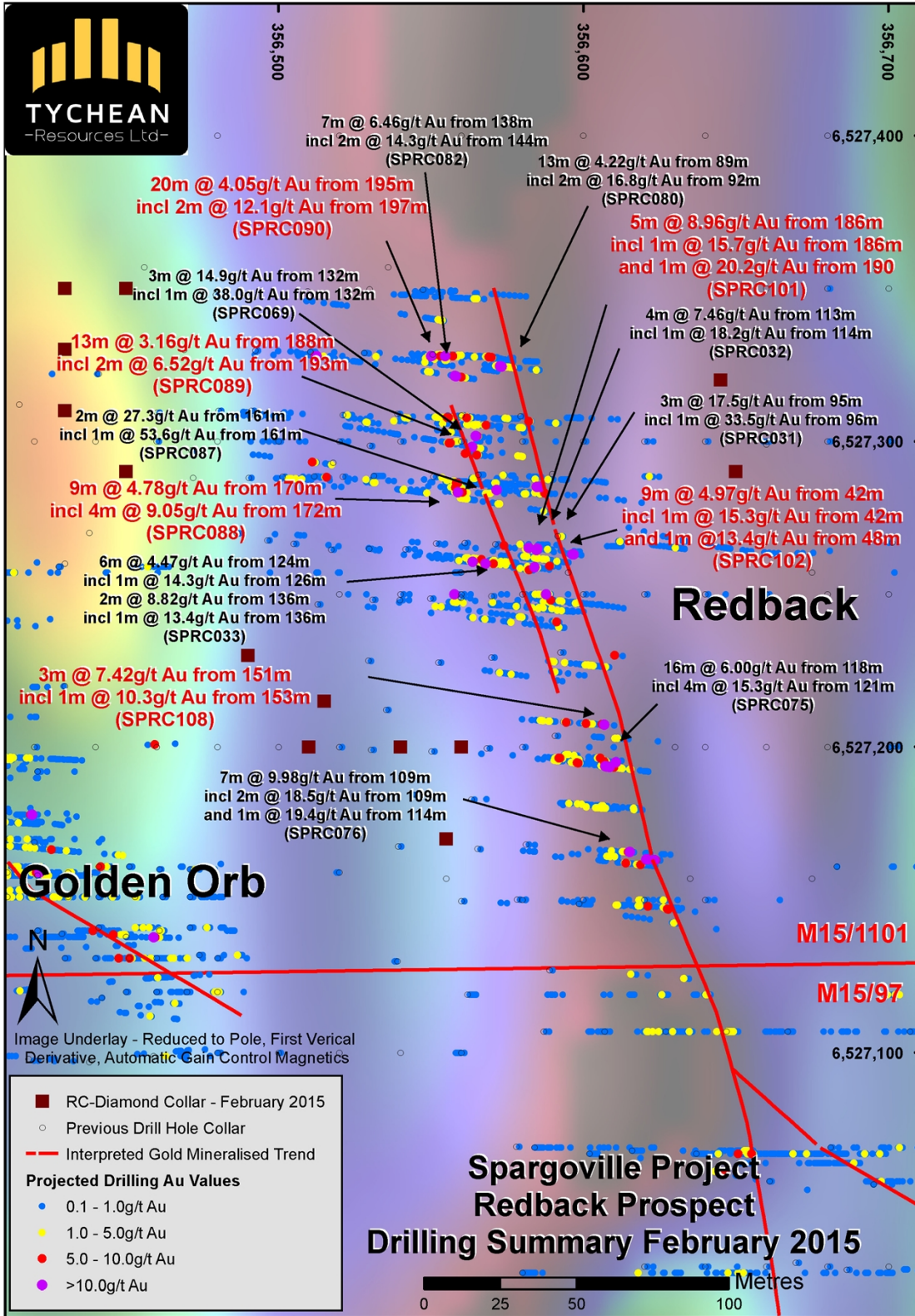


Figure 2 – Spargoville Gold Project – Redback Prospect Drilling Summary Plan

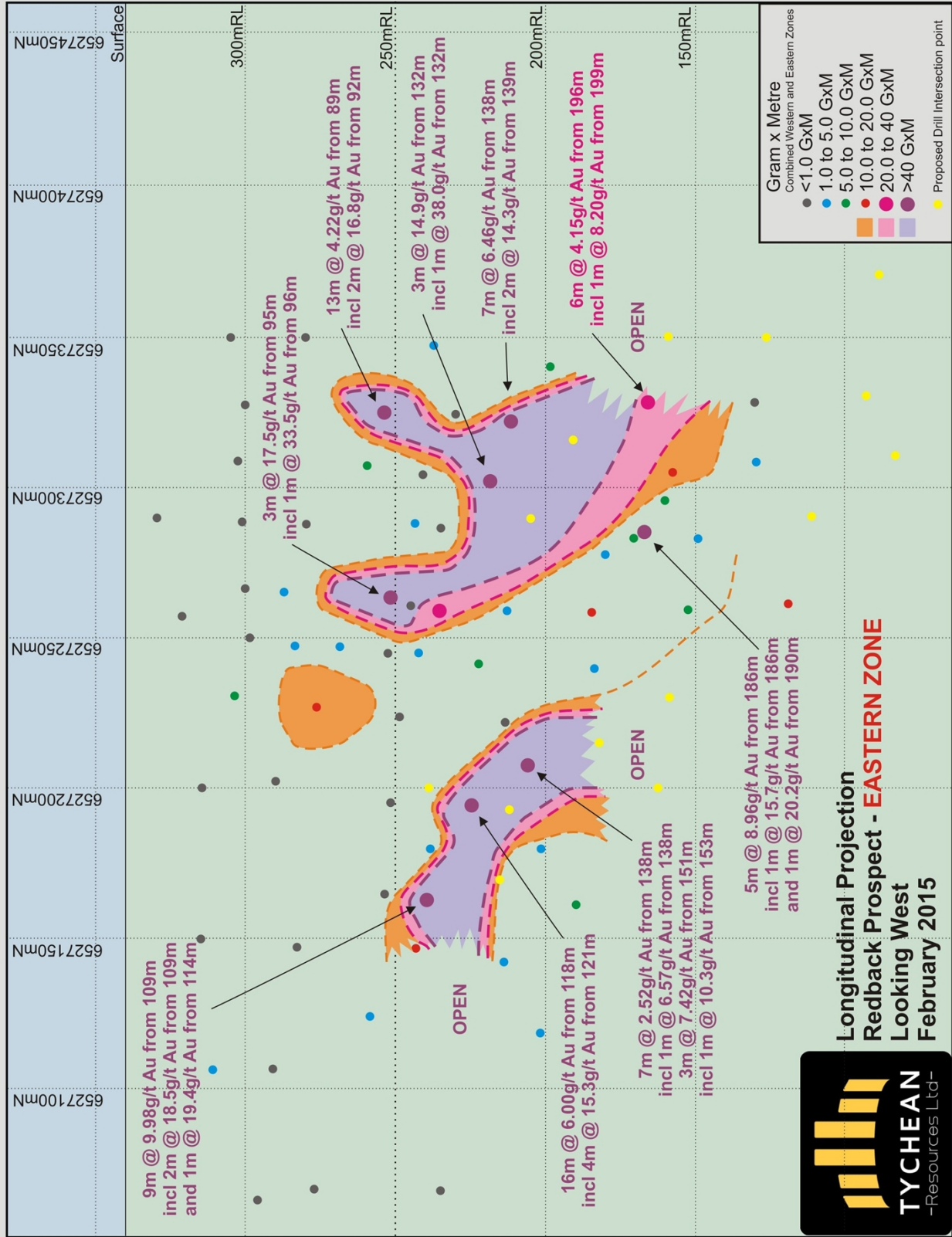


Figure 3 – Spargoville Gold Project – Redback Prospect Eastern Zone Longitudinal Projection

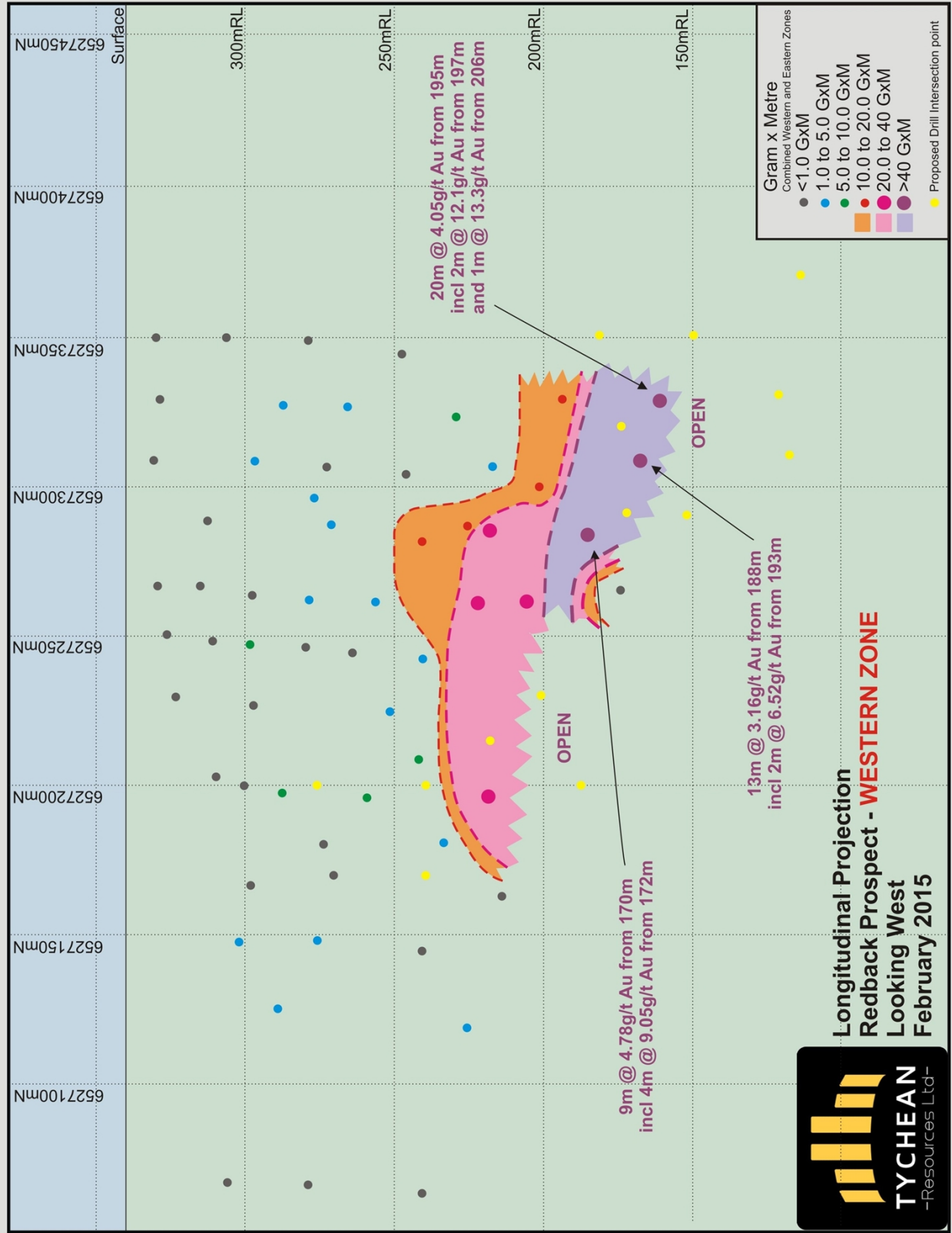


Figure 4 – Spargoville Gold Project – Redback Prospect Western Zone Longitudinal Projection

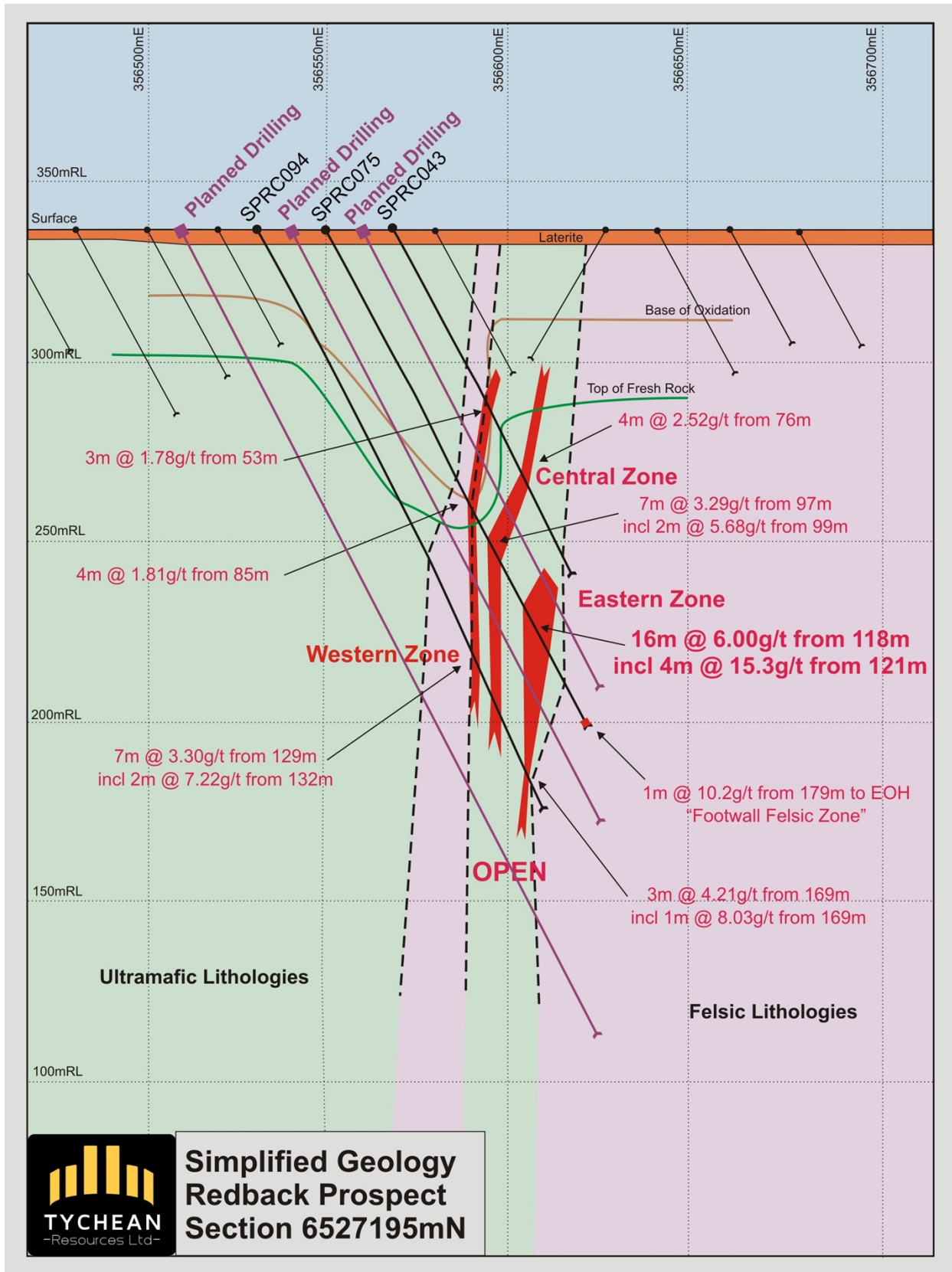


Figure 5 – Redback Prospect – Cross Section 6527195mN ± 7.5m

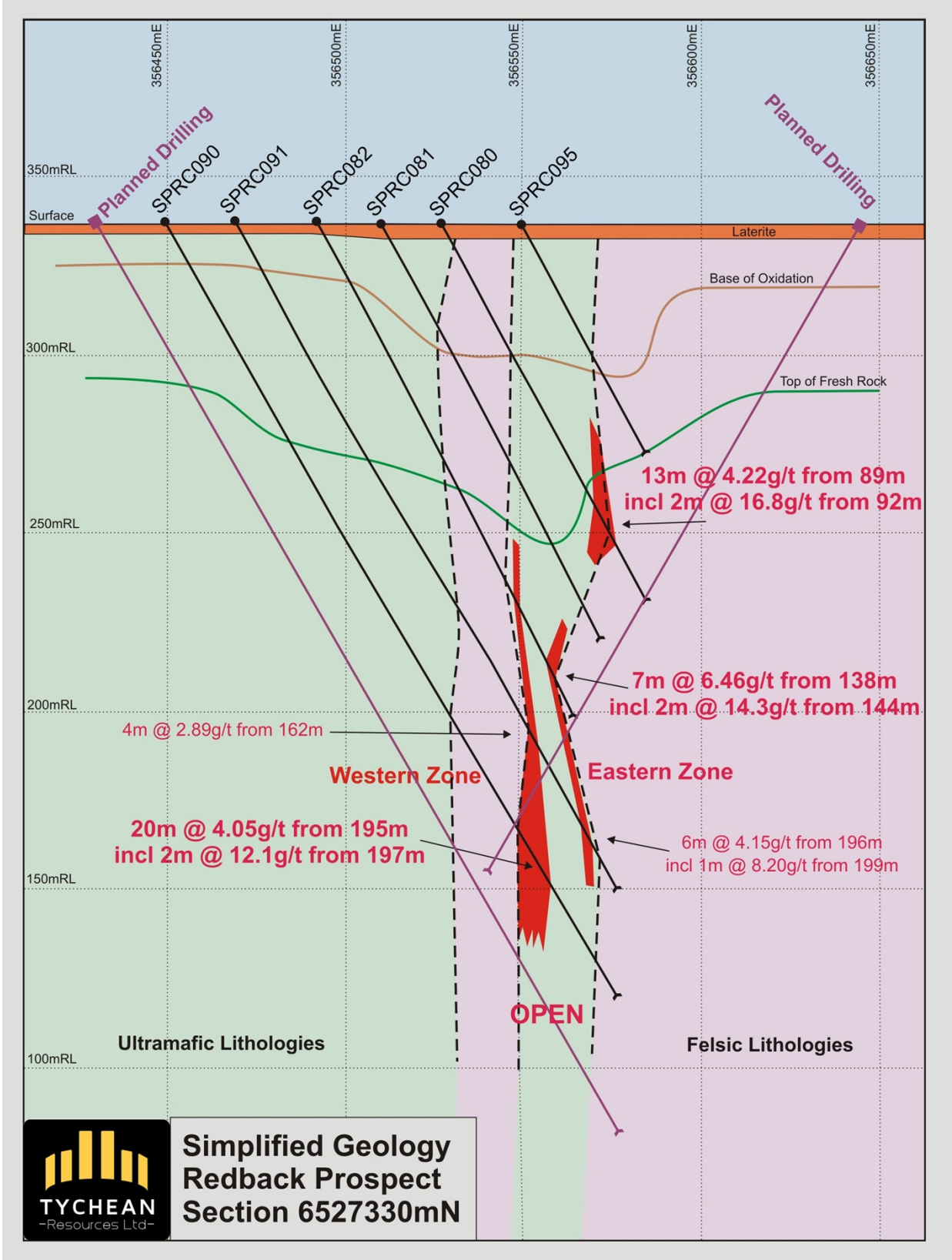


Figure 6 – Redback Prospect – Cross Section 6527330mN ± 10m



The information contained in this release that relates to exploration results, mineralisation and target generation is based on information compiled by Mr. Matthew Svensson, who is a Member of the Australasian Institute of Geologists (MAIG) and a full time employee of the Company. Mr. Svensson has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Svensson consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

This announcement contains previously announced TYK exploration results.

28/03/2014 - High grade gold in new results from Spargoville in WA

02/05/2014 - Spargoville (WA) – Aircore Gold Resample Results

22/09/2014 - High Grade Single Metre Gold Results from Spargoville WA

05/12/2014 - Redback Prospect High Grade Gold Results

20/01/2015 - More Redback Prospect High Grade Gold Results

\*The announcement also contains previously announced exploration results reported by Ramelius Resources Limited from completed drilling at the Wattle Dam Gold Mine.

24/08/2007 - Super High Grade Zone ("SHGZ") at Wattle Dam

The Company is not aware of any new information or data, which hasn't been previously reported, that materially affects the information included in the current market announcement.