PARTIAL RELINQUISHMENT REPORT

FOR

EL30470

BARROW CREEK PROJECT

From
31 July 2015 to 30 July 2021

Holder	Prodigy Gold NL
Operators	Prodigy Gold NL,
Author	J Rohde
Date	August 2021
Report Lodged By	Gillian McBain
Email	gmcbain@prodigygold.com.au
Target Commodity	Gold
Datum/Zone	GDA94/ MGA Zone 53
250,000 mapsheet	Bonney Well (SF53-02), Barrow Creek (SF53-06)
100,000 mapsheet	Tailor 5755, Home of Bullion 5754,

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- NT DITT -– digital
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FILE	DESCRIPTION
EL30470_2021_P_01.pdf	Partial Relinquishment Report

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1.0 ABSTRACT

The relinquished area of **EL30470** formed part of Prodigy Gold NL (Prodigy) [formerly ABM Resources NL (ABM)] Barrow Creek project, which currently comprises Exploration Licenses 8766, 23880, 23883, 23884, 23885, 23886, 25031, 25033, 25034, 25035, 25041, 25042, 25044**,** 26825, 28515, 29723, 29724, 29725, 29896, **30470**, 30507 and 30637. The Barrow Creek project is centered approximately 320km NNW of Alice Springs in the North Arunta region and stretches for 236km west to northwest of the town of Barrow Creek. These tenements form the GR162 technical reporting group.

Prodigy explored the tenements for the potential of gold mineralisation.

In the period 31 July 2015 to 31 July 2021 exploration comprised project wide desktop studies.

The desktop studies generated no targets in the relinquished area.

From 2015 to 2021 no on ground exploration was completed as Prodigy focused its activities on higher ranking exploration targets.

The July 2021 Barrow Creek project data review concluded in the partial relinquishment of 25 blocks of EL30470, effective from 30 July 2021.

The relinquished area of EL30470 was surrendered due to the lack of exploration targets.

2.0 INTRODUCTION

The Barrow Creek project is centred approximately 320km NNW of Alice Springs in the North Arunta region and stretches for 236km west to northwest of the town of Barrow Creek (**Figure 1**). Access to the majority of the project area from Barrow Creek is via the Stuart Highway to the north and then using the Ali Curung to Jarra Jarra track. In 2007 Newmont constructed an access track from the Jarra Jarra to the Waldron's Hill prospect. In 2008 Newmont constructed a series of north-south access tracks off the Waldron's Hill track to allow better access to the region. .

The sandy desert plains that dominate much of the project area are cut by southerly trending drainage systems and punctuated by several south-east trending low ranges. The generally dry drainage systems are only periodically subject to seasonal flooding events.

This report covers exploration carried out on the relinquished area of EL30470 during the period from the 31 July 2015 to 30 July 2021.

3.0 TENURE

EL 30470 was applied for and granted to Prodigy Gold NL (Prodigy) {former ABM Resources NL (ABM)] on 31 July 2015 for a period of six years**. EL30470** forms part of Prodigy's Barrow Creek Project.

Prodigy's Barrow Creek Project currently comprises 22 Exploration Licences including - 8766, 23880, 23883, 23884, 23885, 23886, 25031, 25033, 25034, 25035, 25041, 25042, 25044, 26825, 28515, 29723, 29724, 29725, 29896, **30470**, 30507 and 30637. The Barrow Creek Project tenements form the GR162 technical reporting group.

In May 2018 ABM Resources NL changed its name to Prodigy Gold NL.

EL30470 tenement details are listed in **Table 1** and are illustrated in **Figure 1**.

Table 1: Tenement Details

Tenement No	Blocks	Blocks Relinquished	Blocks Retained	Grant Date	Expiry
EL30470	141	25	116	31 July 2015	30 July 2021

At the end of the 6th year of term a partial relinquishment was lodged in respect of 25 blocks, effective from 30 July 2021.

Relinquished blocks are listed in **Table 2** and are illustrated in **Figure 1** and **Plate 1.**

Table 2 List of Relinquished One Minute Graticular Blocks of EL30470.

BIM	Blocks	Sub Block Identifier	
SF53	1106	E K P U Y Z	6
SF53	1107	Q V W X Y	5
SF53	1178	E	1
SF53	1179	A B C D F G H J M N O S T	13
		TOTAL	**25**

An application for renewal in respect of the remaining 25 blocks has been lodged.

4.0 GEOLOGY

4.1 Regional Geology

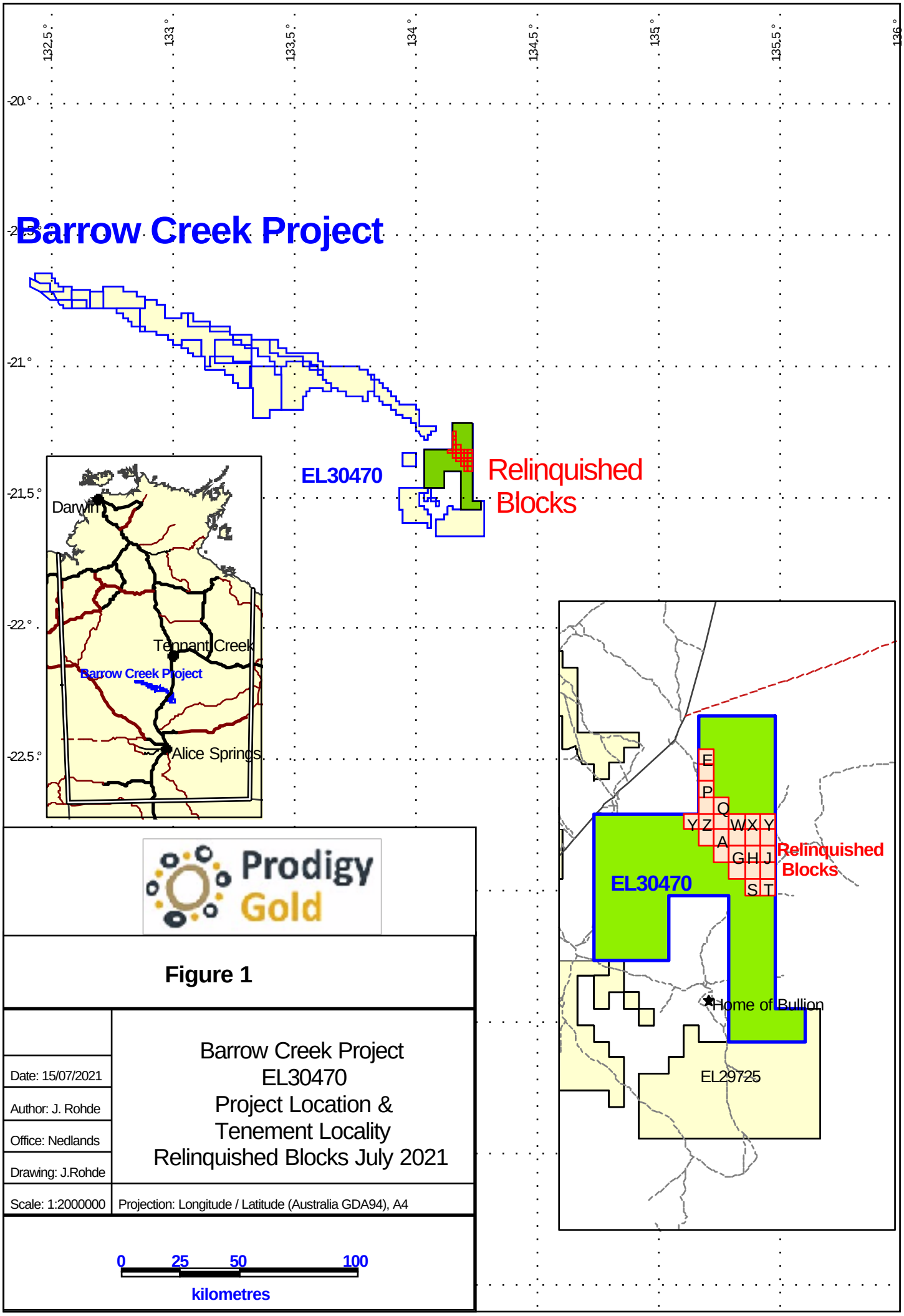
(from Vandenberg 2014)

The detailed differential RTP regional imagery by Fathom Geophysics was used by consultant Dr Leon Vandenberg to compile a 1:100,000 scale basement geology interpretation (**Plate 1**).

The sandy desert plains that dominate much of this area are cut by northerly trending drainage systems and punctuated by several south-east trending low ranges. The drainage systems are only periodically subject to seasonal flooding events and are generally dry. The ranges typically comprise interleaved sedimentary and volcanic rocks of the Early Proterozoic Hatches Creek Group and/or Late Proterozoic to Devonian rocks of the Georgina Basin. The northern edge of the Barrow Creek project area is occupied by the Cambro-Ordovician sedimentary sequences of the Wiso Basin. The oldest rocks in the region, interpreted from integrated geological-geophysical data, are unexposed lithostratigraphic correlatives of the Palaeoproterozoic Dead Bullock Formation.

The Dead Bullock Formation is host to significant gold mineralisation to the northwest in the Tanami and underlies the poorly exposed Palaeoproterozoic Lander Rock Formation (and stratigraphic equivalents) and mafic intrusive rocks of the Aileron Province, Northern Arunta. In the Barrow Creek-Lander River region the Lander Rock Formation and mafic intrusives have proven gold and base-metal prospectivity and have been the focus of recent exploration. The region is also punctuated by several large Palaeoproterozoic felsic intrusive bodies. A suite of felsic intrusive rocks related to the Bean Tree Granite

Barrow Creek Project



Prodigy Gold

Figure 1

Date: 15/07/2021	Barrow Creek Project EL30470 Project Location & Tenement Locality Relinquished Blocks July 2021
Author: J. Rohde	
Office: Nedlands	
Drawing: J.Rohde	
Scale: 1:2000000	Projection: Longitude / Latitude (Australia GDA94), A4

0 25 50 100

kilometres

in the southern portion of the exploration area provides further opportunities for the discovery of commodities such as those in the Barrow Creek Sn-Ta-W Pegmatite Field.

Correlatives of the Dead Bullock Formation (-Ptd?) possibly occur along northern sections from Harrison through to the area north of Tulsa, adjacent to the southern edge of the Wiso Basin and several shear zone bounded granite domains. If correlation of lithostratigraphy from the Tanami to Barrow Creek is valid, then overlying Dead Bullock Formation are the metasedimentary rocks of the Lander Rock Formation. The Lander Rock Formation (-Plr) is considered a stratigraphic equivalent of the turbiditic Killi Killi Formation in the Tanami Region.

Within Barrow Creek project area, metasedimentary rocks of the Lander Rock Formation exhibit Low Pressure – Medium-to High-Temperature metamorphic grade (LP-HT) and comprise biotite-muscovite-andalusite-bearing metapelitic schist, metapsammitic and psammo-pelitic schist.

Granitoids are widespread throughout the northern part of the Aileron Province and extend from Barrow Creek into the Tanami Region to the northwest. These granitoids (-Pg, -Pg>1m, -Pg1, -Pg2, -Pg3, -Pg4, -Pga, -Pgb, -Pgg, -Pgw) intrude Lander Rock Formation and mafic bodies. A variety of textures, grainsizes and compositions are found in the study area. Granitoids are typically equigranular to porphyritic biotite-granite, biotite-muscovite granite, medium-to coarse grained quartz-feldspar-muscovite-tourmaline ± garnet leucogranite with metasedimentary enclaves, biotite-granodiorite and monzogranite. Many granitoids display gneissic to locally mylonitic fabric (-Plg). In adjacent Lander Rock Formation local tourmalisation, pseudomorphic replacement of andalusite by quartz-muscovite and growth of minute garnet porphyroblasts (<2mm diameter) are interpreted to be associated with contact metamorphism during intrusion. Similarly, local hornfels and calc-silicate rock (-Plc) in areas such as the Ringing Rocks Ta-Sn Prospect may be attributed to contact metamorphism. Pegmatite dykes and sills are common in Lander Rock Formation and in particular the Barrow Creek Sn-Ta-W Pegmatite Field.

The metasedimentary rocks of the Lander Rock Formation, together with mafic and granitic rocks, are overlain by open-folded sedimentary and volcanic rock sequences of the Hatches Creek Group.

In Barrow Creek the Hatches Creek Group (-Ph) comprise lower most Gwynne Sandstone (-Phx), interdigitating Tinfish Sandstone (-Php) and Strzeleckie Volcanics (-Phq), and the Illoquarra Sandstone (-Phw). These rocks are interpreted to represent shallow-marine and fluviatile sandstone with predominantly subaerial felsic volcanic rocks.

Unconformably overlying the Hatches Creek Group and older stratigraphy are the unmetamorphosed, undivided Neoproterozoic to Devonian sedimentary rocks of the contiguous Southern Georgina and Wiso basins. The interconnected Georgina and Wiso basins (and Daly Basin) collectively formed part of the vast middle-Cambrian Centralian Superbasin that extended across northern, central and southern Australia. Flat lying-to gently undulating sedimentary rock sequences of the Georgina Basin are restricted to the east and southeast portions of the Barrow Creek project area. The Wiso Basin is restricted to the northern margin of the Barrow Creek project area.

Throughout the Barrow Creek project area there are numerous W- WNW-to NW trending thick milky white quartz blows and hydrothermal quartz-breccia zones. These structures are most likely associated with numerous W- WNW-to NW trending faults interpreted from geophysical data. Similarly, the on-ground positions of interpreted faults are often coincident with elongate low mounds of milky quartz lag and areas of scattered quartz lag, float metasedimentary and mafic rock.

First (1) and Second (2) Order structures are large, fundamental crustal-scale structures that appear to have effected considerable deformation and possibly influenced tectono-sedimentation. The fault controlling and defining the southern margin of the Wiso Basin might be considered a First Order structure. In general the large faults and fault-networks across the Barrow Creek project area were

assigned Second Order status. Third Order structures (3) are mid-scale structures, many appear to merge or splay from Second Order structures and may be associated with mineralised domains. Fourth Order structures (4) are small scale structures, many of which may have acted in concert with higher order structures, most of which effecting minor apparent displacements (particularly within large granite bodies).

The age of the structures is uncertain however many appear to define a semi-continuous network from the Barrow Creek Region through to the Tanami, parallel to and coincident with the Willowra Gravity Ridge. Results of the 2005 Tanami Seismic Survey indicate many of the faults with comparable scale and along-strike position are fundamental crustal-scale features (associated with a buried Palaeoproterozoic-age continental suture zone) with a probable multi-phase history from the Palaeoproterozoic through to the ~300Ma Alice Springs Orogeny involving extensional basin-formation, reactivation (inversion?) and modification.

5.0 EXPLORATION COMPLETED

In the period 31 July 2015 to 31 July 2021 exploration comprised project wide desktop studies.

The desktop studies generated no targets in the relinquished area.

From 2015 to 2021 no on ground exploration was completed as Prodigy focused its activities on higher ranking exploration targets.

6.0 RECOMMENDATIONS AND CONCLUSIONS

The July 2021 Barrow Creek project data review concluded in a partial relinquishment of EL30470.

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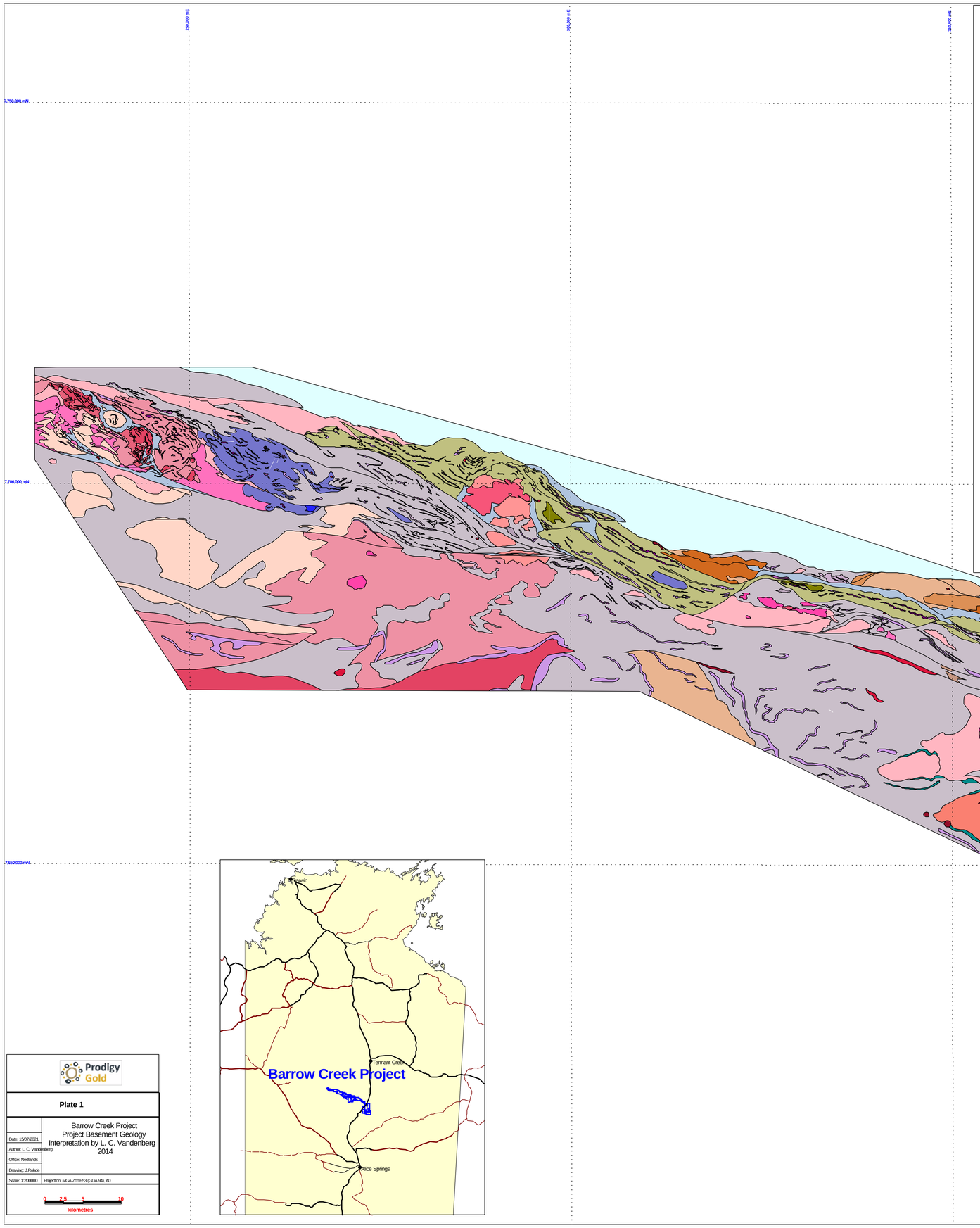
Dud/-COt/-Ph
Dud/-COt/-Phq>+hM
Dud/-COt/-Pg
Dud/-COt/-Plr
Dud/-COt/-Plr>+hM
Dulcie Sandstone overlying/
-COt/-Pus/-Pg
-COt/-Pgg, -Plg
-COt/-Ph
-COt/-Ph, -Pg
-COt/-Phw
-COt/-Phq
-COt/-Phq>+hM
-COt/-Pg
-COt/-Plr
-COt/-Plr>+hM
Tomahawk beds overlying/
-Cua/-Cmc/-Ph
-Cua/-Cmc/-Ph>+hM
-Cua/-Cmc/-Plc?
-Cua/-Cmc/-Pg
Arrinthrunga Fm /Chabalowe Fm overlying/
-Cln/-Clo/-Pus/-Pga
-Cln/-Clo/-Pus/-Pld1
-Cln/-Clo/-Pus/-Plr
Neutral Junction Formation overlying/
-Clo/-Pus/-Pga
-Clo/-Pus/-Pld1>+hM
-Clo/-Pus/-Plr
-Clo/-Pgb
Octy Formation overlying/
Wiso
-Pus/-Pg
-Pus/-Pga
-Pus/-Pga6
-Pus/-Pgb
-Pus/-Pld1
-Pus/-Pld1>+M
-Pus/-Pld1>+hM
-Pus/-Plr
Undivided Central Mount Stuart Formation overlying Palaeoproterozoic rocks
?-M Magnetite destruction?
?+M Moderately magnetic body
?+hM Highly magnetic body
>M Low-moderately magnetic
>+M Moderately magnetic
>+hM Highly magnetic
-Plg Orthogneiss
-Ph Undivided
-Phw Illoquara Sandstone
-Phq Strzeleckie Volcanics
-Phq>+M Strzeleckie Volcanics
-Phq>+hM Strzeleckie Volcanics
-Phq/-Pld1 Strzeleckie Volcanics/-Pld1
-Phq>q/-Plr>+M Strzeleckie Volc; quartzite/-Plr
-Php Tinfish Sandstone
-Phx Gwynne Sandstone
-Phx>M Gwynne Sandstone
-Phx>+hM Gwynne Sandstone
Hatches Creek Group
-Plc Hornfels/Calc-silicate
-Pg Biotite granite
-Pg>M Biotite granite
-Pg>+M Biotite granite
-Pg>+M, -Plg Biotite granite, orthogneiss
-Pg>+hM Biotite granite
-Pg>1m Biotite granite
-Pg>a Biotite granite-ademellite
-Pg>a,c Biotite granite-ademellite, pegmatite
-Pg>b Biotite-muscovite granite
-Pg>b,c Biotite-muscovite granite, pegmatite
-Pg>c Pegmatite
-Pg>m Muscovite granite
Neo-proterozoic
Cambrian
Cambro-Ordovician
Devonian
-Pg1 Biotite granite
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-Pg2 Leucogranite
-Pg2>M Leucogranite
-Pg2>+M Leucogranite
-Pg2>+hM Leucogranite
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-Pg4 Biotite-muscovite granite
-Pga Undivided
-Pga2 Biotite-muscovite granite
-Pga3 Biotite granite
-Pga5 Leucogranite
-Pga5>M Leucogranite
-Pga5>+M Leucogranite
-Pga5>+hM Leucogranite
-Pga6 Biotite granodiorite
-Pgb Barrow Creek Granite Complex Granite
-Pgg, -Plg Granite, orthogneiss
-Pgw Windajong Granite
Ali Curung Granite
-Pld1
-Pld1>+M
-Pld1>+hM
-Pld>a
-Pld>a+M
-Plr
-Plr>M
-Plr>+M
-Plr>+hM
-Ptd?
-Ptd?>+M
-Ptd?>+hM
Dolerite, gabbro, amphibolite
Amphibolite
Lander Rock Fm
Dead Bullock Fm?
Palaeoproterozoic
Area8_BmntIntrp_CLY2014LCV_Lith-Legend
Relinquished Blocks
EL30470
Darwin
Tennant Creek
Barrow Creek Project
Alice Springs
Prodigy Gold
Plate 1
Barrow Creek Project
Project Basement Geology
Interpretation by L. C. Vandenberg
2014
Date: 15/07/2021
Author: L. C. Vandenberg
Office: Nedlands
Drawing: J.Rohde
Scale: 1:200000
Projection: MGA Zone 53 (GDA 94), A0
0 2.5 5 10
kilometres