

**ASX Code:** AIV

**Issued Capital**

216,202,577 ordinary shares  
(AIV)

**Market Capitalisation**

\$10.81M (31<sup>st</sup> March 2022,  
\$0.050)

**Directors**

Min Yang (Chairman, NED)  
Mark Derriman (Managing Director)  
Geoff Baker (NED)  
Dongmei Ye (NED)  
Andrew Bald (NED)  
Louis Chien (Alternate Director to  
Min Yang)

**About ActivEX**

ActivEX Limited is a minerals exploration company committed to the acquisition, identification, and delineation of new resource projects through active exploration.

The ActivEX portfolio is focussed on gold copper and critical metal projects, with substantial tenement packages in the north and southeast Queensland.

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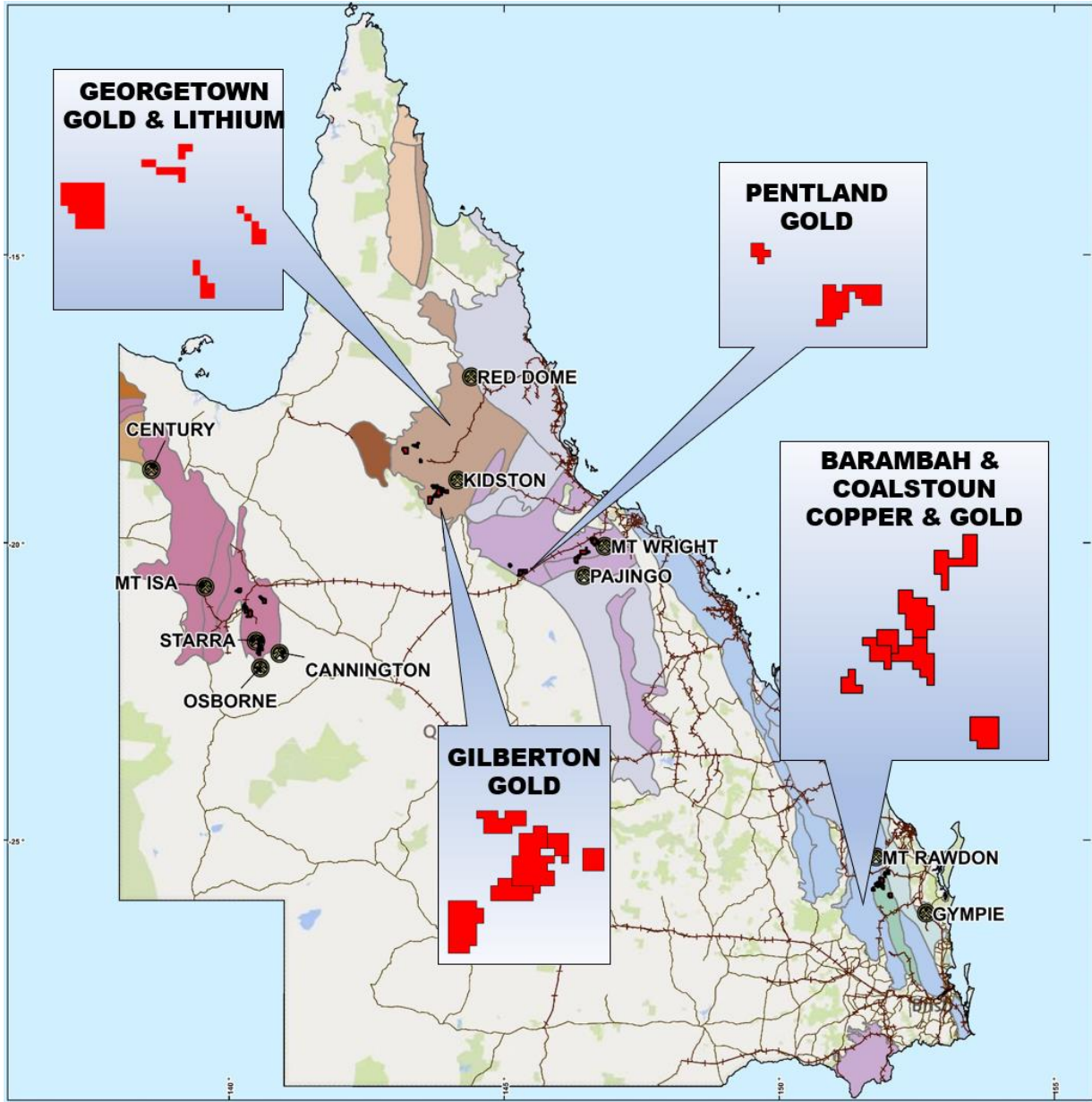
**Surface Exploration targeting Lithium and Gold commences at the Georgetown Project.**

**Drilling to Commence at Gilberton Gold Project mid-April**

Gold Copper and Lithium explorer ActivEX Limited (ASX: AIV) (“ActivEX” or “the Company”) advises that surface exploration is commencing at the **Georgetown** Gold and Lithium Project on the 4th April with **Gilberton** Gold and Lithium Project Drilling to Commence on the 19th April and with significantly larger areas approved for current and future drilling at Gilberton. In addition, the Company provides the following Operations Update of Exploration Activities for April 2022.

**Summary and Highlights**

- *Field Based Exploration within the 100% owned Georgetown Gold and Lithium Project commences today, the 4th April. The initial work will involve surficial geochemical exploration – rock and stream sediment sampling targeting possible LCT mineralisation.*
- *Field-based exploration including drilling will then commence at the Gilberton Gold Project on or about the 19<sup>th</sup> April with Native Titel approval having been received.*
- *A program of 4,000m of Reverse Circulation (RC) drilling and Diamond Core (DC) drilling of 200m is planned in and around the Historic Mt Hogan open pit/underground mining operation and along the southern margin of the gold mineralised Mt Hogan Granite.*
- *Prior to drilling commencing geological mapping and surficial geochemical sampling of the Commissioners will be completed, with drilled testing planned for the next phase of drilling.*
- *Several possible LCT pegmatite will be sampled including untested historic tantalum prospects.*



- Legend
- Town
  - Road
  - Railway

- Tectonic Province
- Savannah / Iron Range Province
  - Murphy / Western / Kalkadoon-Ewen / Eastern Province
  - Hogkinson / Broken River / Clarke River Province
  - Etheridge Province
  - Croydon Province
  - Cape River / Anakie / Thalanga Province
  - New England Orogen

**ACTIVEX QUEENSLAND TENEMENTS**

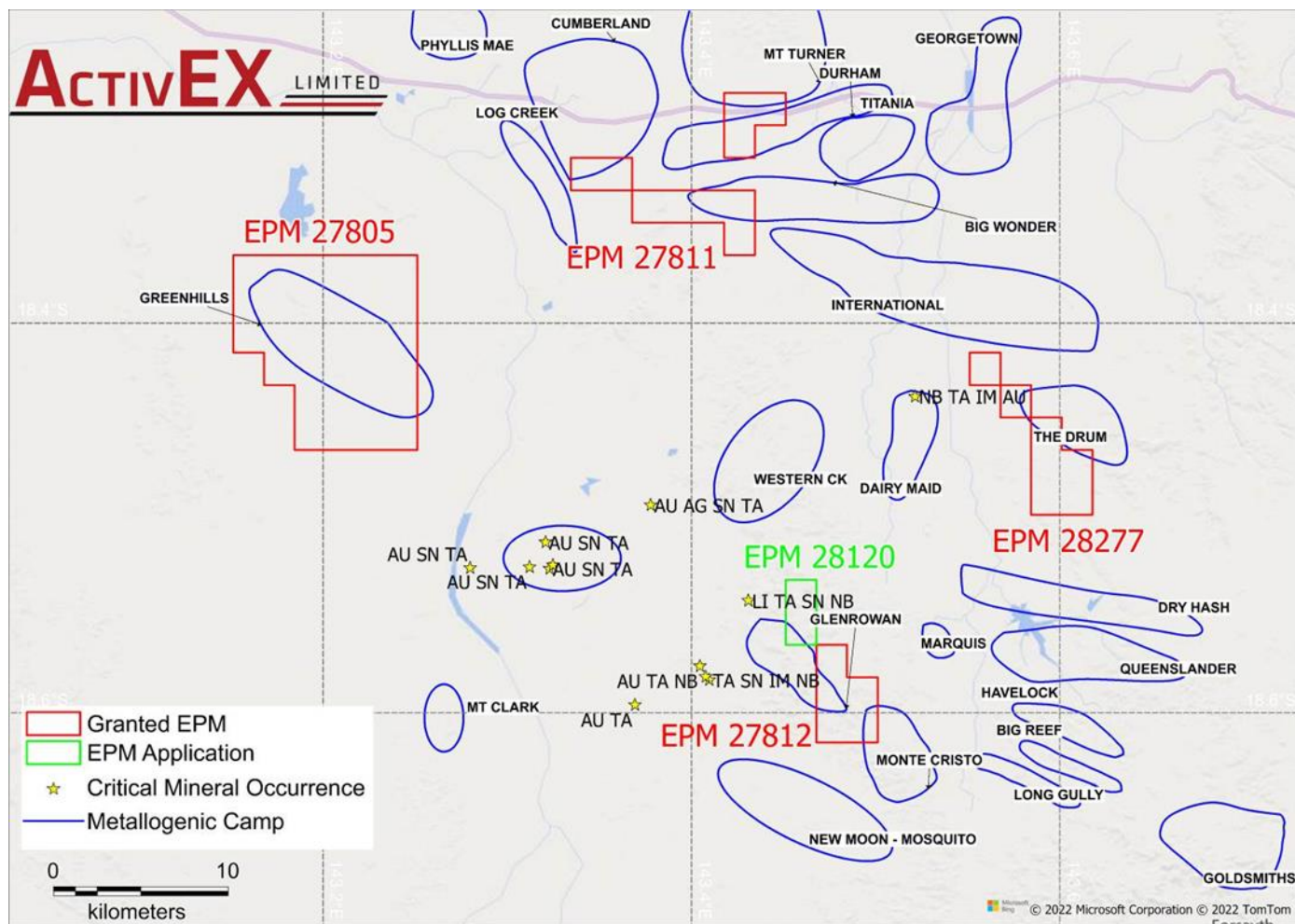


Figure 1. ActivEX Limited Queensland Projects and tenements

## **GEORGETOWN GOLD AND LITHIUM PROJECT – North Queensland (EPMs 27805, 27811, 27812, 28277 & EPMa 28120 – ActivEX 100%)**

The Georgetown Gold Project (Figure 1) is situated within the Proterozoic Etheridge Province in northeast Queensland, approximately 400km west-northwest of Townsville and 80km north of the Gilberton Gold Project. The Project is in an area which is prospective for several metals (Au, Ag, Cu, Ta-Nb, Co, Sn, W and Li) and a wide range of deposit styles

The Company completed a broad Mineral Prospectivity Analysis of the Georgetown region and applied for tenements to the south and southwest of Georgetown (Figure 5), three of which have been granted. Through the study of *Geological Site Observation Database* (Published by Geological Survey of Queensland), the Company identified a historic lithium prospect (Buchanan) to the NW and historic tantalum prospects to the west of EPM 27812 (Figure 1). Geological Survey of Queensland Sub-Project #6, Queensland Government Exploration Initiative Report Completed in 2018 entitled "*Metallogenic Study of the Georgetown, Forsyth and Gilberton Regions, North Queensland, Dr G. Morrison, etc.*" developed a new metallogenic database, GIS and interpretation for the Georgetown region of North Queensland and highlighted a number of "mineral camps" shown blue polygons in Figure 2. The metallogenic camp labelled Glenrowan extends from EPM 27812 north east towards the Buchannan's Lithium/Tantalum Prospect and includes a suite of felsic intrusives and micaceous schists. Initial exploration will focus on both gold and lithium related metals including geological mapping and surficial geochemical sampling to delineate for more intensive grid-based sampling and ultimately drilling. This initial phase of exploration is planned to commence on the 4<sup>th</sup> April 2022.



**Figure 2.** Georgetown Gold Project showing location EPM 27812, Lithium/Tantalum prospects and metallogenic camps (After Dr Gregg Morrison & Dr Simon Beams et al 2019 *Metallogenic Study of the Georgetown, Forsayth and Gilberton Regions Nth Qld*)

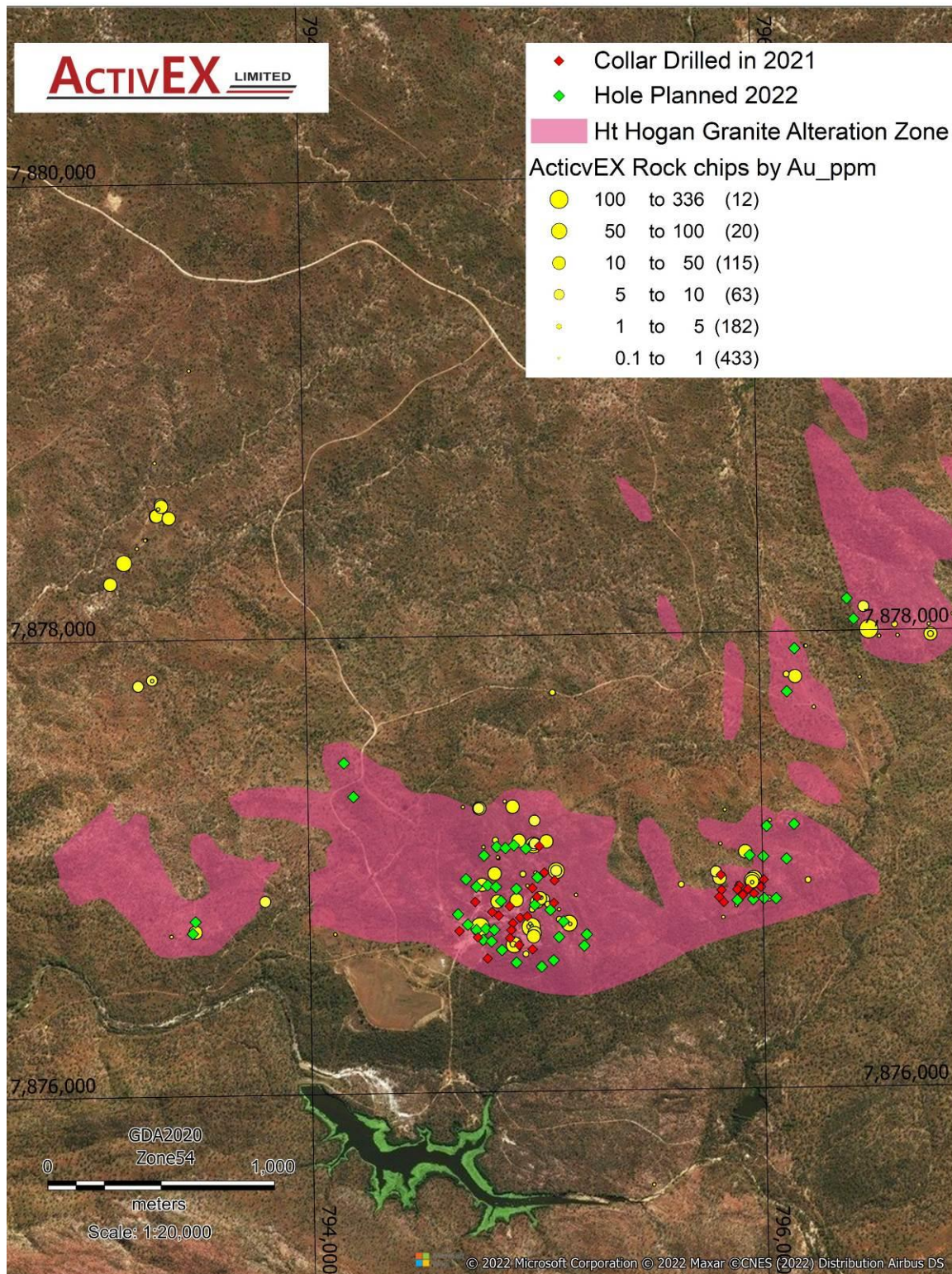
## GILBERTON GOLD and LITHIUM PROJECT – North Queensland (EPMs 18615, 18623, 26232 and 26307 – ActivEX 100%)

Exploration will commence on or about the 19<sup>th</sup> April with a planned program comprising 4,000m of RC drilling and 200m of DC drilling on the southern margin (**Figure 3**) of the Mt Hogan Granite (EPM 18615) within a distinctly broad and extensive zone of sericite/chlorite/epidote alteration. The area of proposed drilling was the focus of gold mining by Eltin Minerals in the mid-1990's. A Cultural Heritage review has been completed by the Ewamian People and approval has been given for the drilling program to commence with a far larger areas cleared for current and future drilling programs including in and around the historic Josephine Open Pit and Commissioners Hill Prospect(**Figure 4**). The drilling will be carried out by Charters Towers based company Eagle Drilling who were the drilling contractors for the last round of RC drilling in 2021.

A detailed study of the metallogenic of the region between Georgetown and Gilberton was completed by Morrison et al in 2019 that highlighted seven metallogenic camps within the Gilberton Gold Project. The focus of the drilling in June will be the Mt Hogan Mesozonal metallogenic camp and the site of the most significant gold production within the project. The Companies exploration goal is to actively explore all the metallogenic camps based on the overall prospectivity analysis completed to date.

The underexplored southern margin of the Mt Hogan Granite will be AIV's initial 2022 focus will be to explore the down dip and along strike potential between Mt Hogan and the Charlies South Prospect in addition to extending that exploration search to the east and west along the southern margin of the Mt Hogan Granite. In addition, deeper drilling to 150m will explore for further flat lying mineralised lodes in the vicinity of the historical Mt Hogan open pit. A small program of diamond drilling will be aimed at getting a better understanding of the mineralised lodes.

In addition to the gold focus at Gilberton there are several unexplored historic tantalum occurrences that will be evaluated for LCT (Lithium Caesium Tantalum) potential by selected rock sampling (**Figure 5**).



**Figure 3.** Planned April 2022 Drilling and Drilling Completed in 2021

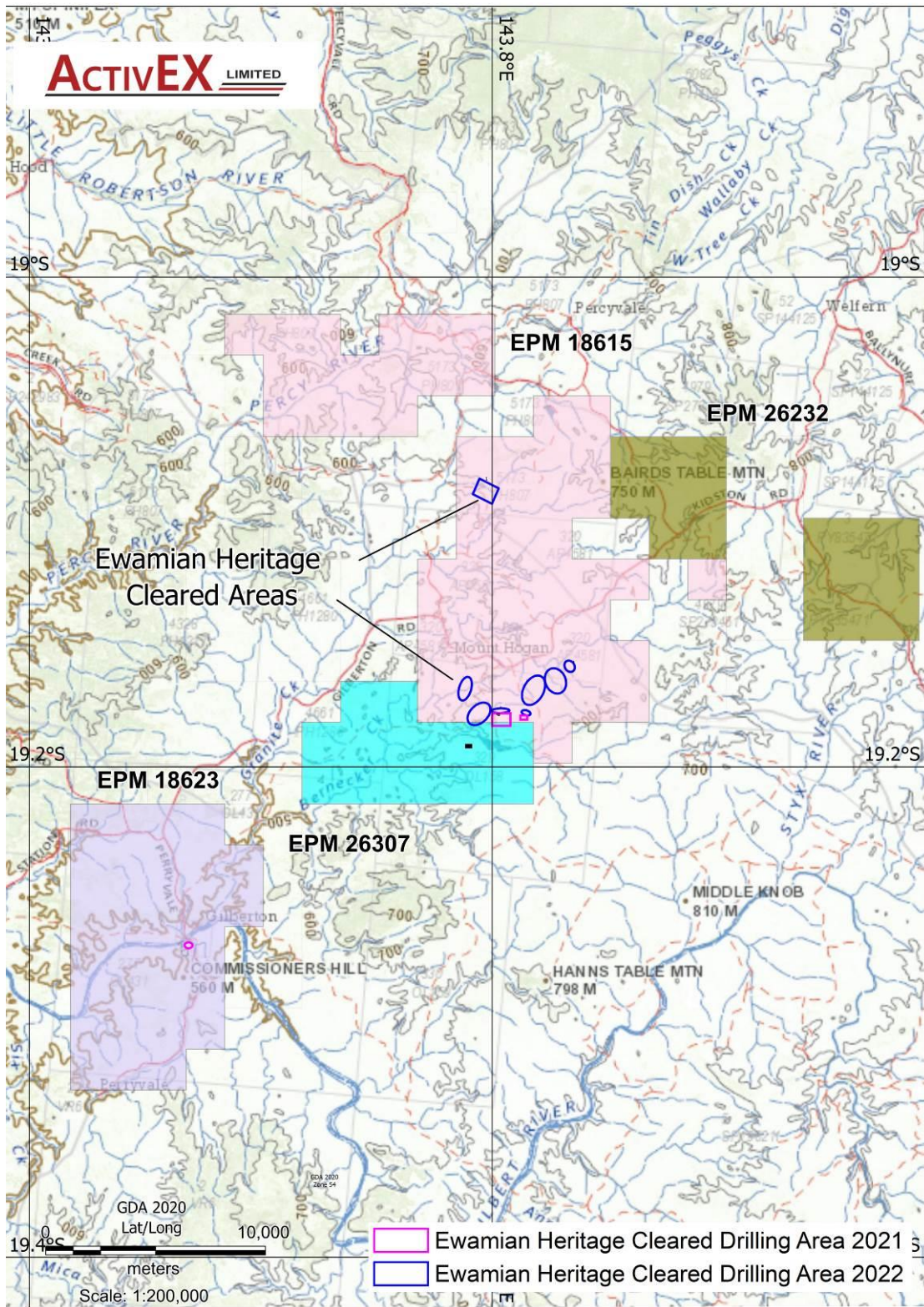


Figure 4 Culturally Cleared Areas

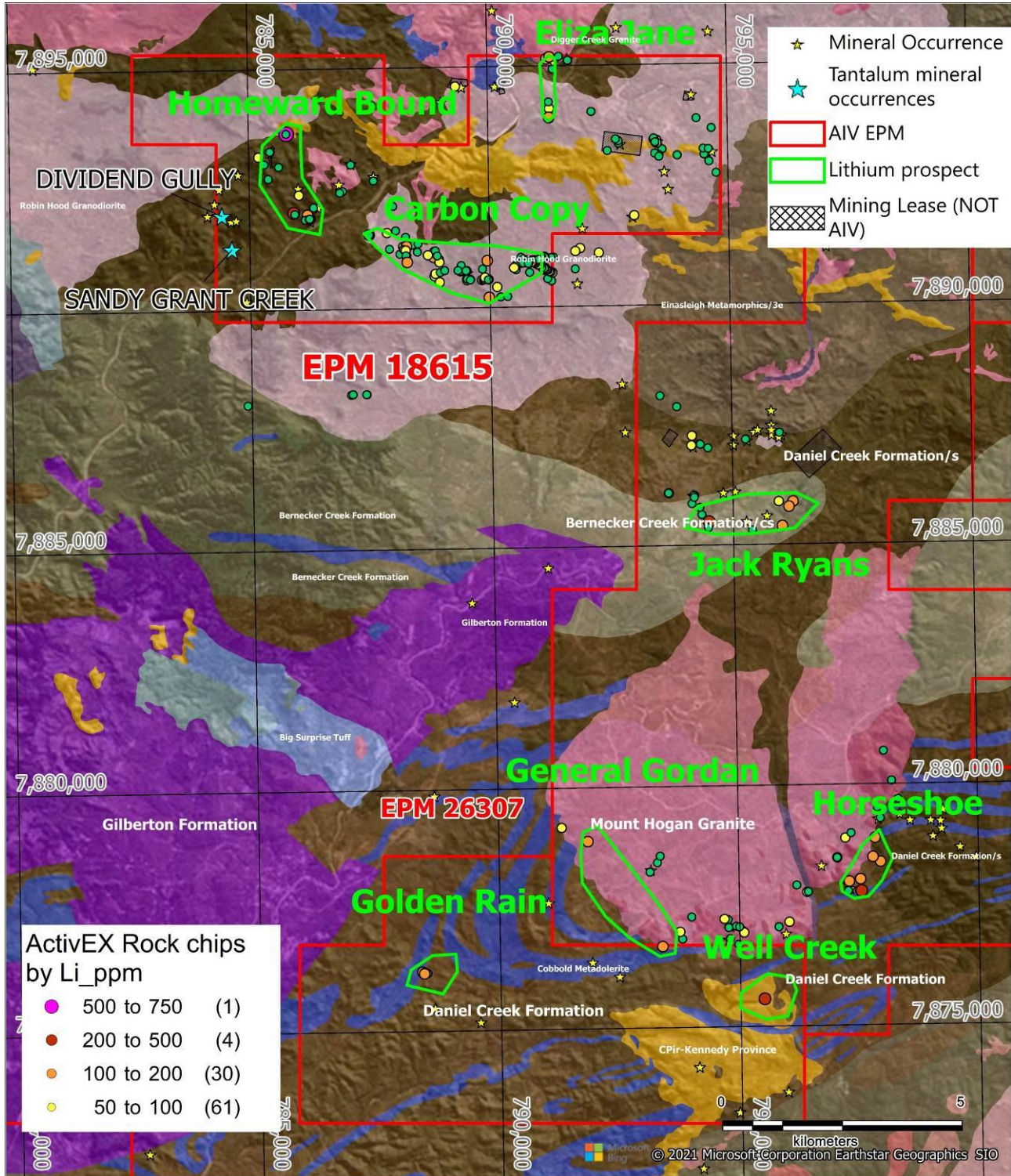


Figure 5. ActivEX Limited lithium exploration areas outlined in green with the historic tantalum occurrence shown on the western margin of EPM 18615.



## ESK COPPER AND GOLD REGION – Southeast Queensland

### BARAMBAH GOLD PROJECT

**(EPMs 14937– ActivEX 100%) – JORC Inferred Resource (0.5g/t Au cutoff) 363,000t @ 1.47g/t Au and 61.8g/t Ag**

The Barambah Gold Project is located in southeast Queensland between the towns of Gayndah and Goomeri, 215 kilometres due north-west of Brisbane. The project tenure comprises EPMs 14937(Barambah) for a total of 9 sub-blocks and encompasses an area of 28 km<sup>2</sup>.

The Barambah deposit consists of several gold and silver mineralised veins hosted by the Aranbanga Volcanic Group which consist of a number of polymictic to monomictic pyroclastic breccias, rhyolitic lapilli-ash tuff and rhyolitic airfall lapilli-ash tuff and lesser intrusive andesite. The veins are cut by quartz-feldspar phyric rhyolitic dykes, particularly to the north of historic mining. Field observations, age relationships and regional geological dating, suggest an approximate age of ~220 ± 5 Ma for the deposit.

To date, drill testing has been confined along strike of the Barambah open pit with the delineation of a maiden JORC Resource by the Company in 2015. The Aranbanga Volcanic Group is host to numerous auriferous epithermal quartz vein systems and deeper CSAMT targets along with the main Barambah trend which to date remain partially tested by drilling.

### BOOBUBYJAN/BLAIRMORE COPPER AND GOLD PROJECT

**(EPMs 14476 and 16265 – ActivEX 100%)**

The Esk Copper and Gold Project consists of tenements 14476 (Boobyjan) and 16265 (Blairmore), which comprises a total 39 sub-blocks and encompass an area of 120 km<sup>2</sup>. ActivEX Limited holds 100% interest in all tenements. The Project is located in the New England Orogen in southeast Queensland between the towns of Gayndah and Goomeri, 215 km due northwest of Brisbane. . The prospects are situated at the intersection of the NNW trending Perry Fault zone (host to Mt Rawdon +2Moz gold deposit) and NE trending (Darling Lineament related) structures.

The Esk Copper and Gold project is host to mineralisation with similarities to many High-K Calcalkalic to Alkalic Porphyry copper-gold deposits, near-surface supergene copper deposits, as well as the potential for breccia-pipe hosted gold-copper deposits. The

**COALSTOUN LAKES COPPER AND GOLD PROJECT JORC Inferred Resource (0.3% Cu cutoff) 8.5Mt 0.44% Cu (oxide) and 26.8Mt @ 0.38% Cu (sulphide)**

The Coalstoun Lakes Copper and Gold Project consist of tenement EPM 14079, which comprises 46 sub-blocks and encompass an area of 142 km<sup>2</sup>. The Project is located in the New England Orogen in southeast Queensland between the towns of Gayndah and Goomeri, 215 km due northwest of Brisbane. ActivEX Limited holds 100% interest in the tenement. The Coalstoun Lakes Copper and Gold Project is situated at the intersection of the NNW trending Perry Fault zone (host to Mt Rawdon +2Moz gold deposit) and NE trending (Darling Lineament related) structures.

The Coalstoun Lakes Copper and Gold Project is host to mineralisation with similarities to many High-K Calc-alkalic to Alkalic Porphyry copper-gold deposits, near-surface supergene copper deposits, as well as the potential for breccia-pipe hosted gold-copper deposits. The Company is currently reviewing options to advance the ESK Region Projects

This announcement is authorised by the Board of ActivEX Limited

**For further information contact:  
Mr Mark Derriman, Managing Director**

## Appendix 1

### Declarations under 2012 JORC Code and JORC Tables

The information in this report which relates to Exploration Results is based on information reviewed by Mr. Mark Derriman, who is a member of The Australian Institute of Geoscientists (1566) and Mr. Xusheng Ke, who is a Member of the Australasian Institute of Mining and Metallurgy (310766) and a Member of the Australian Institute of Geoscientists (6297).

Mr. Mark Derriman and Mr. Xusheng Ke have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activities 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. Mark Derriman and Mr. Xusheng Ke consent to the inclusion of his name in this report and to the issue of this report in the form and context in which it appears.

### Previous Disclosure - 2012 JORC Code

Information relating to Mineral Resources, Exploration Targets and Exploration Data associated with previous disclosures relating to the Pentland Gold Project in this report has been extracted from the following ASX Announcements:

- ASX announcement titled "Gilberton and Ravenswood Gold Projects Exploration Update" dated 28 October 2020.
- ASX announcement titled "Highly encouraging results from the Gilberton Gold Project" dated 10 September 2021
- ASX announcement titled "Georgetown Lithium Potential to be assessed" dated 15 November 2021
- ASX announcement titled "Lithium and other Critical Metal analyses at the Gilberton Project" dated 27 January 2022

Copies of reports are available to view on the ActivEX Limited website [www.activex.com.au](http://www.activex.com.au). These reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

### Appendix 1 LICENCES STATUS

Pursuant to ASX Listing Rule 5.4.3 the Company reports as follows in relation to minerals tenements held as of the 31<sup>st</sup> March 2022 and acquired or disposed of during that quarter and their locations. The Cloncurry Project tenements were sold 100% to Fetch Metals and the 49% equity in the Ravenswood Project was converted to 2,000,000 shares in ASX listed Ballymore Resources.

#### List of Exploration/Mining Tenements held by ActivEX Limited at 31 March 2022

Project Name	Tenement Name	EPM(a)	Status	Granted	Expires	Holder	Details	Interest at start of quarter	Interest at end of quarter	Sub-blocks at start of quarter	Sub-blocks at end of quarter
<b>Southeast Queensland</b>											
Esk Copper & Gold	Barambah	14937	Granted	14-Mar-05	13-Mar-27	ActivEX Limited		100%	100%	9	9
	Boobyjan	14476	Granted	08-Jun-04	07-Jun-22	ActivEX Limited	Renewal lodged	100%	100%	15	15
	Blairmore	16265	Granted	04-Sep-07	03-Sep-22	ActivEX Limited		100%	100%	24	24
	Coalstoun	14079	Granted	23-Oct-03	22-Oct-23	ActivEX Limited		100%	100%	46	46
<b>North Queensland</b>											
Gilberton Gold	Mt Hogan	18615	Granted	19-Jun-13	18-Jun-23	ActivEX Limited		100%	100%	54	54
	Gilberton	18623	Granted	08-Apr-14	07-Apr-24	ActivEX Limited		100%	100%	29	29
	Gum Flat	26232	Granted	02-Feb-17	01-Feb-27	ActivEX Limited		100%	100%	17	17
	Split Rock	26307	Granted	06-Mar-17	05-Mar-27	ActivEX Limited		100%	100%	14	14
Georgetown Gold & Lithium	Cleanskin Creek	27805	Granted	26-Aug-21	25-Aug-26	ActivEX Limited		100%	100%	31	31
	Leichardt Creek	27811	Granted	30-Sep-21	29-Sep-26	ActivEX Limited		100%	100%	10	10
	Forsayth	27812	Granted	26-Aug-21	25-Aug-26	ActivEX Limited		100%	100%	5	5
	Nelson	28120	Application	N/A	N/A	ActivEX Limited		100%	100%	2	2
	Stockman	28277	Granted	22-Mar-22	21/03/2027	ActivEX Limited		100%	100%	0	7
Pentland Gold	Pentland	14332	Granted	10-Dec-04	09-Dec-24	ActivEX Limited	JV with Rockland	49%	49%	39	39

**ActivEX Canning Queensland and Western Australian Coal tenement schedule**

Tenure	Project	Status	Grant	Expiry	Location	Sub-blocks	Sq Km	State
EPC 2360	DENISON CREEK	Granted	14/01/2014	13/01/2021	22KM NE OF NEBO	17	54.4	Qld
EPC 2386	LONESOME CREEK	Granted	28/11/2013	27/11/2020	SW OF BILOELA	36	115.2	
EPC 2387	BILOELA SOUTH	Granted	28/11/2013	27/11/2020	SW OF BILOELA	38	121.6	
EPC 2390	STYX	Granted	4/03/2015	3/03/2025	74KM NW ROCKHAMPTON	42	134.4	
EPC 2392	MOUNT LORNE	Granted	22/04/2015	21/04/2025	20KM W OGMORE	46	147.2	
EPC 2421	CRACOW WEST	Granted	18/03/2014	17/03/2021	6KM SW CRACOW	7	22.4	
EPC 2432	CARNARVON	Granted	31/10/2013	30/10/2020	55KM N OF INJUNE	30	96	
EPC 2451	MOUNT PATTERSON	Granted	22/04/2015	21/04/2025	60KM W OF GLENDEN	31	99.2	
EPC 2459	RIVERVIEW	Granted	2/05/2014	1/05/2021	EAST OF PENTLAND	69	220.8	
E 04/2681	LIVERINGA	Application	LODGE DATE: 11/5/2020	N/A	120KM SE OF DERBY	5	15.7	WA