

StanAurum Limited

TIN GOLD AND CRITICAL METALS RESOURCES PORTFOLIO OF THE STANTHORPE REGION OF SOUTH EAST QUEENSLAND

September 2023

StanAurum Limited

CORPORATE

- **StanAurum Limited is a public unlisted company based on Gold Coast Qld.**
- **Company formed on 8 April 2021.**
- **StanAurum has a field office and operations at Stanthorpe in the Granite Belt of Queensland.**
- **Prior (to StanAurum) “effective” modern exploration from 1982 to present, geophysics, geochemistry, drilling expenditure \$1,731,324 resulted in current pre-JORC exploration targets**
- **StanAurum Spend-field, acquisition, administration to-date \$800,000**

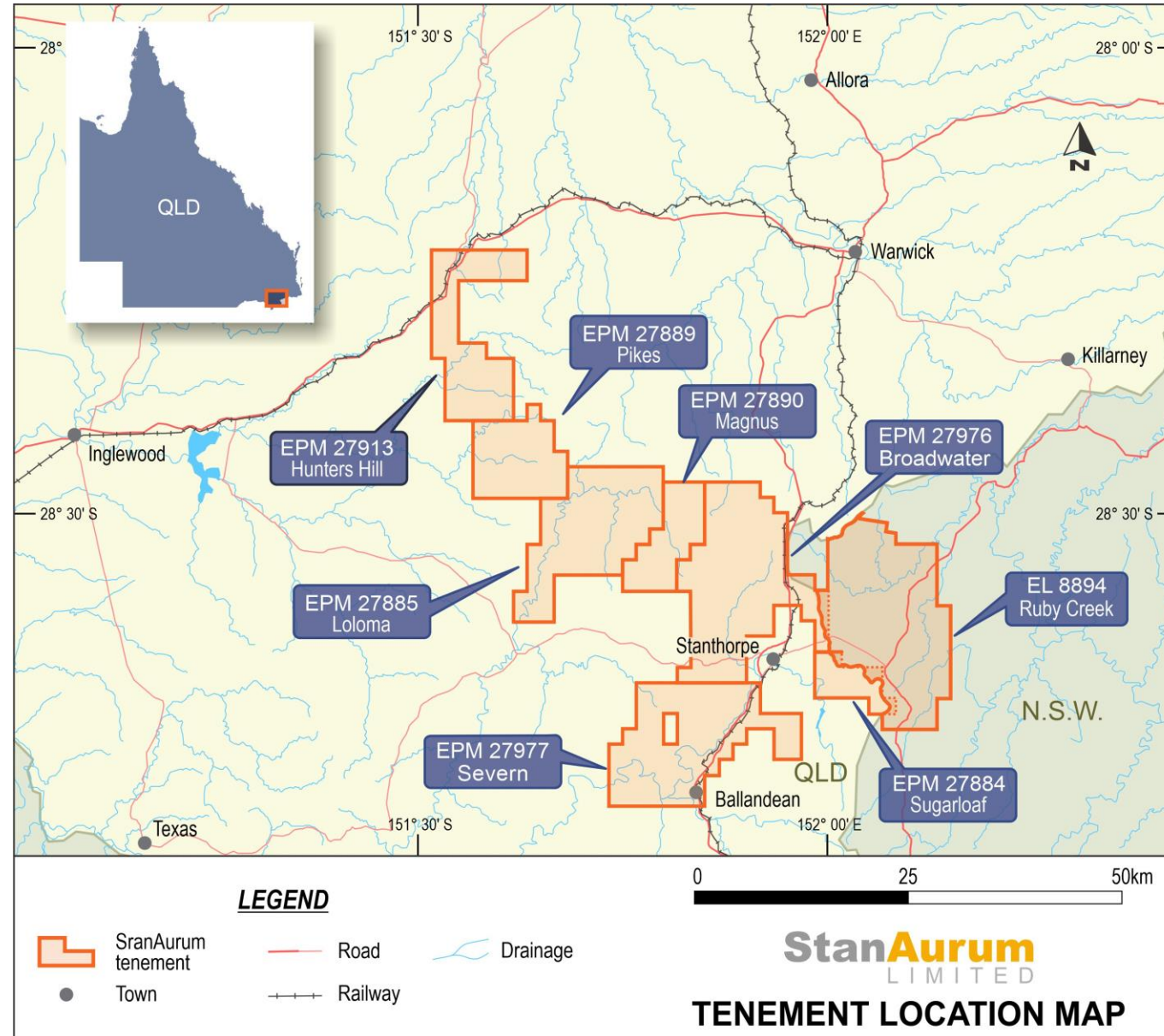
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OVERVIEW

- **Tin tungsten molybdenum & gold covering an area of 129,000 hectares**
- **Located in highly prospective mineralised geology of SE Queensland**
- **Operating locally- office and living quarters in Stanthorpe**
- **Camp and Storage on Mining Lease at Sugarloaf**

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LOCATION MAP



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RATIONALE FOR TIN SEARCH

- 1. StanAurum is positioned well for the next metal boom in tin, critical minerals and clays**
- 2. Looming tin supply crunch, underlying structural underinvestment**
- 3. Tin price potential to rise on the back of short supply worldwide**
- 4. Tin is safe & inert being used in food production- Mined & recovered thru gravity separation no chemicals.**

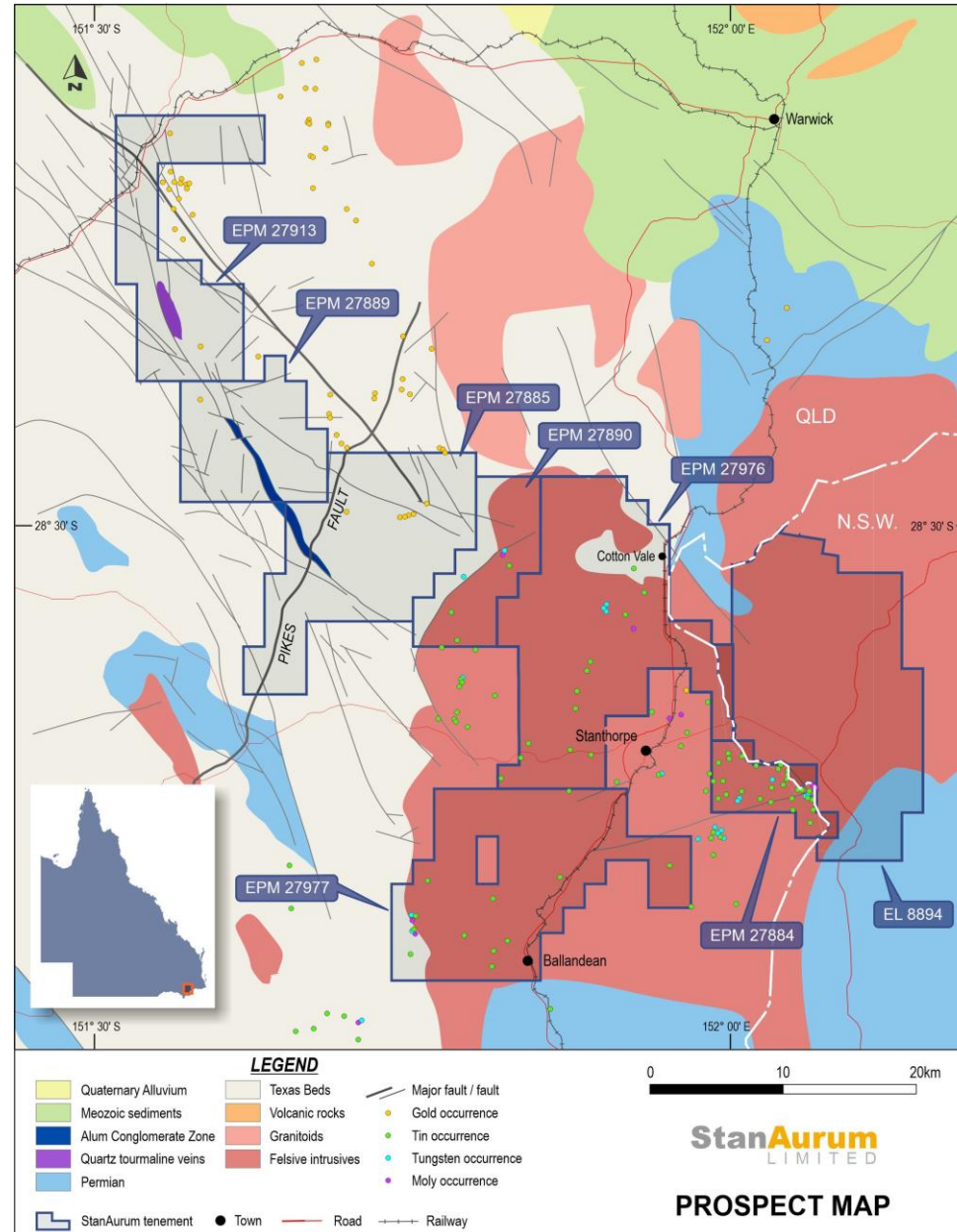
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COMMODITY FOCUS & RATIONALE

- Exploring in two differing geological terrains and mineral suites within the project extent (potential spin off at a later time)
- Granites & contact rocks hosting tin-tungsten-molybdenite-rare earths and industrial clays
- Sedimentary rocks hosting gold-base metals-rare earths
- **Tin uses & research-** (1) solder for all electronic circuitry (2) Stanene high quality electronics-(3) Tin + Niobium superconductor wiring fast magnets- (4) PVC stabilisers & polymer catalysts- (5) lead acid & lithium batteries- (6) wide variety of glass coatings

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PROSPECT & GEOLOGY MAP



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OPPORTUNITY & POTENTIAL

- StanAurum has pre-drilled tin resources with exploration target containing 3,000,000 Kgs of tin. This is the tip of the Iceberg, mineralisation scattered abundantly through the prospective zone and generally throughout the project area
- High potential to increase resources, the balance of 129,000 hectares hosts 84 gold, tin, critical metals & kaolin clay occurrences
- 80,000 tonnes of tin mined historically from region many unmined deposits

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POTENTIAL NEAR AND MEDIUM TERM PRODUCTION

HARD ROCK

(1) Lode Creek- tin, tungsten. Molybdenum, light metals, clay & rare earth mineralisation- potential 10 million tonnes plus with 150,000 BCM of tin & tungsten bearing mulloch dumps and extensive old alluvial workings

- (2) Lord Nolans tin tungsten & molybdenum.**

ALLUVIAL, COLUVIAL

- (3) Mining Lease “Fat Cat” Arbouins Gully, Georges Gully previous bulk sampling 1.2 Kg and 8.6Kg per BCM plus large adjacent tin tungsten rich zone to be pegged.**
- (4) Upper Sugarloaf previous open ended drilling 86,000 BCM @ 3.5Kg tin**

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PROSPECTIVE TARGETS FOR FOLLOW UP

HARD ROCK

- (1) Trollopes Hill- large tin tungsten molybdenum Mineralised Zone.
- (2) Mineral Hill/ Killminster- a number of historical small mines
- (3) Mt Magnus- historic tungsten and molybdenum mines

ALLUVIAL, COLLUVIAL

- (4) Horrigans Gully- high grades reported Geological Survey
- (5) Stormers Ridge- Jurassic colluvial tin with minor gold

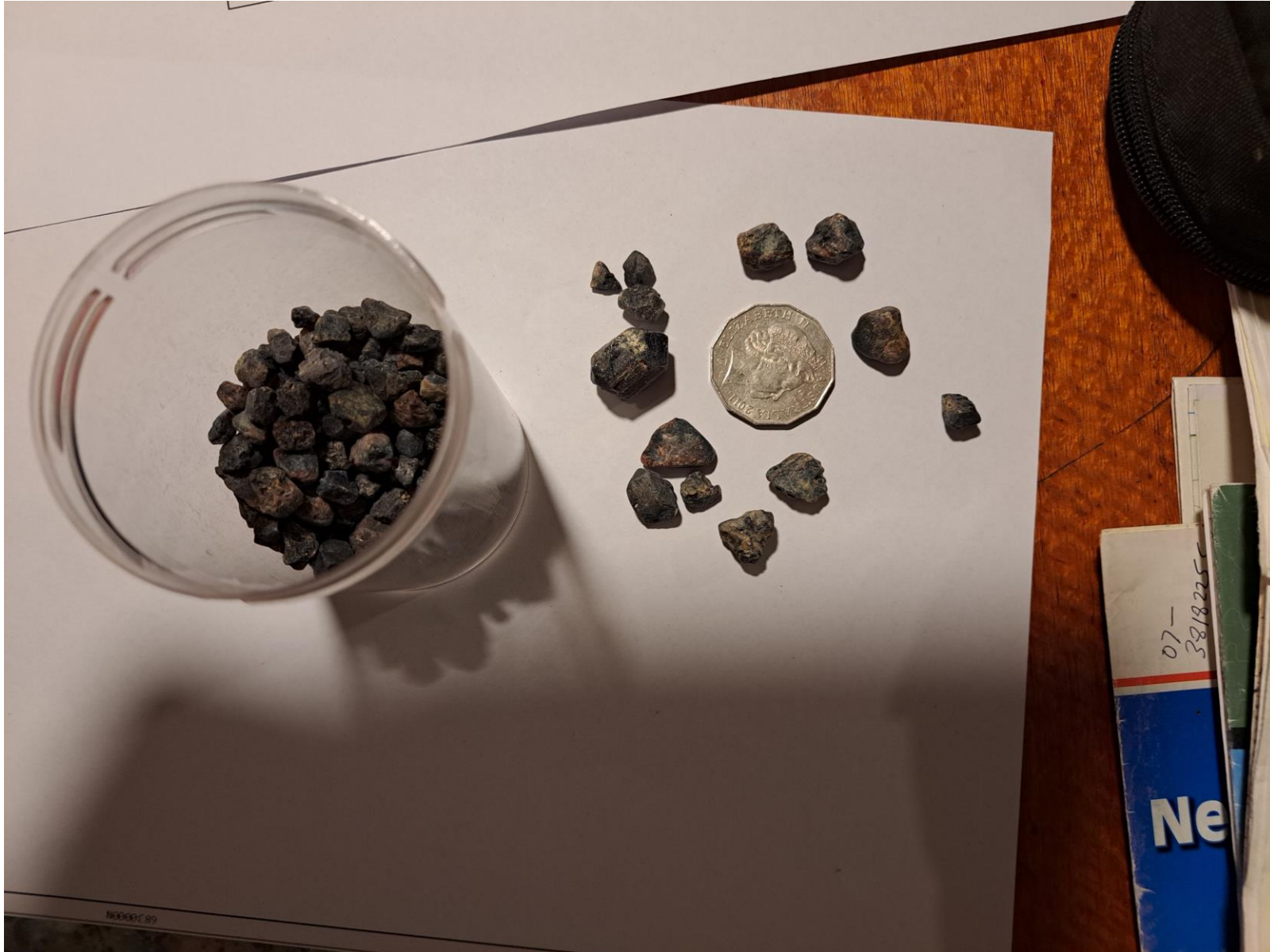
TIN TUNGSTEN MOLYBDENUM RARE EARTHS ZONE



Tin Ore (Cassiterite) & Gold Nuggets Recovered from Surface in the Project Area

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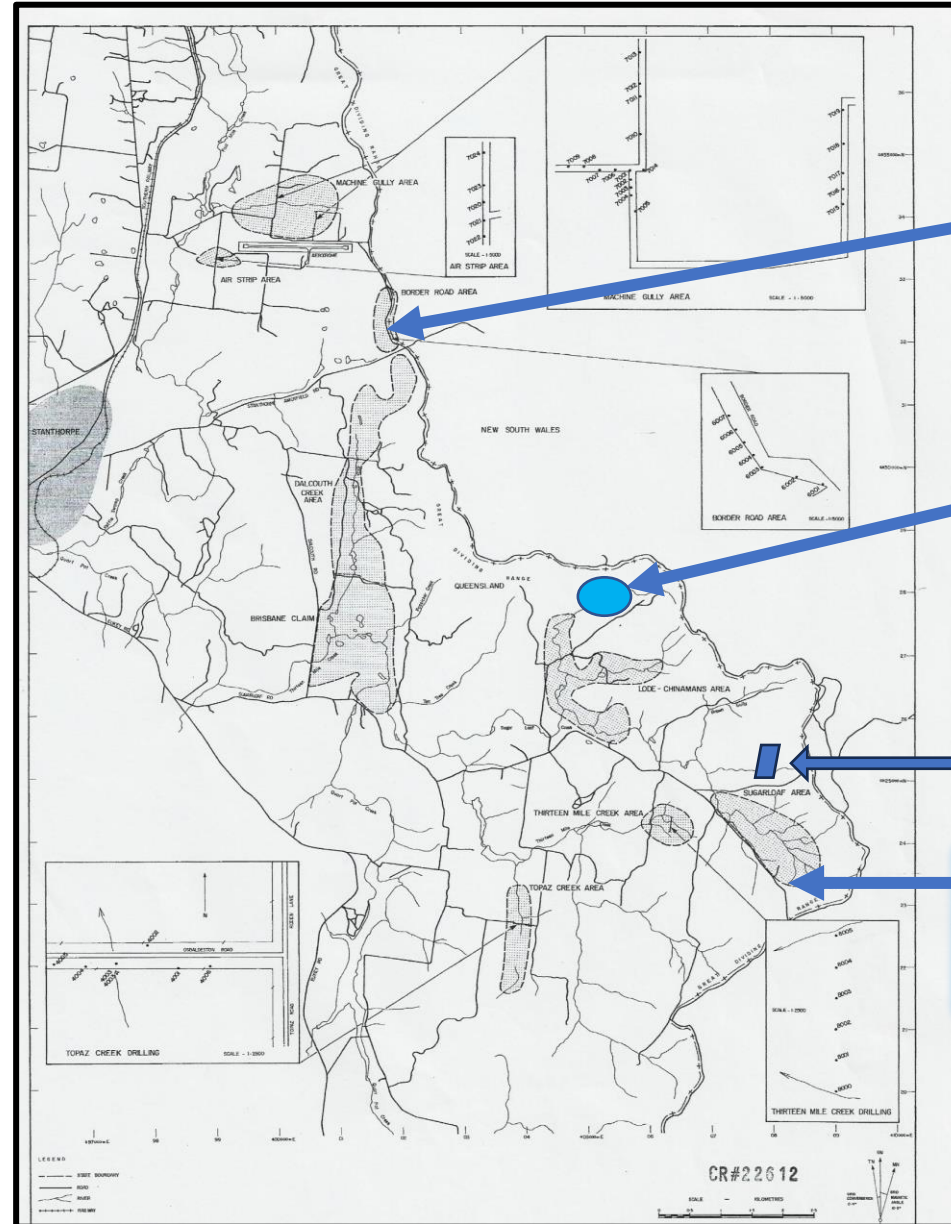
Coarse Cassiterite (Tin Oxide) Crystals From EL 8894 Ruby Creek NSW



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TIN TUNGSTEN MOLYBDENUM RARE EARTHS ZONE

**TIN TUNGSTEN
HISTORICALLY
DRILLED RESOURCES
IN EASTERN AREA**



**Stormers Ridge
SHEET WASH COLLUVIAL**

**LODE CREEK
HARD ROCK &
TAILINGS DUMPS**

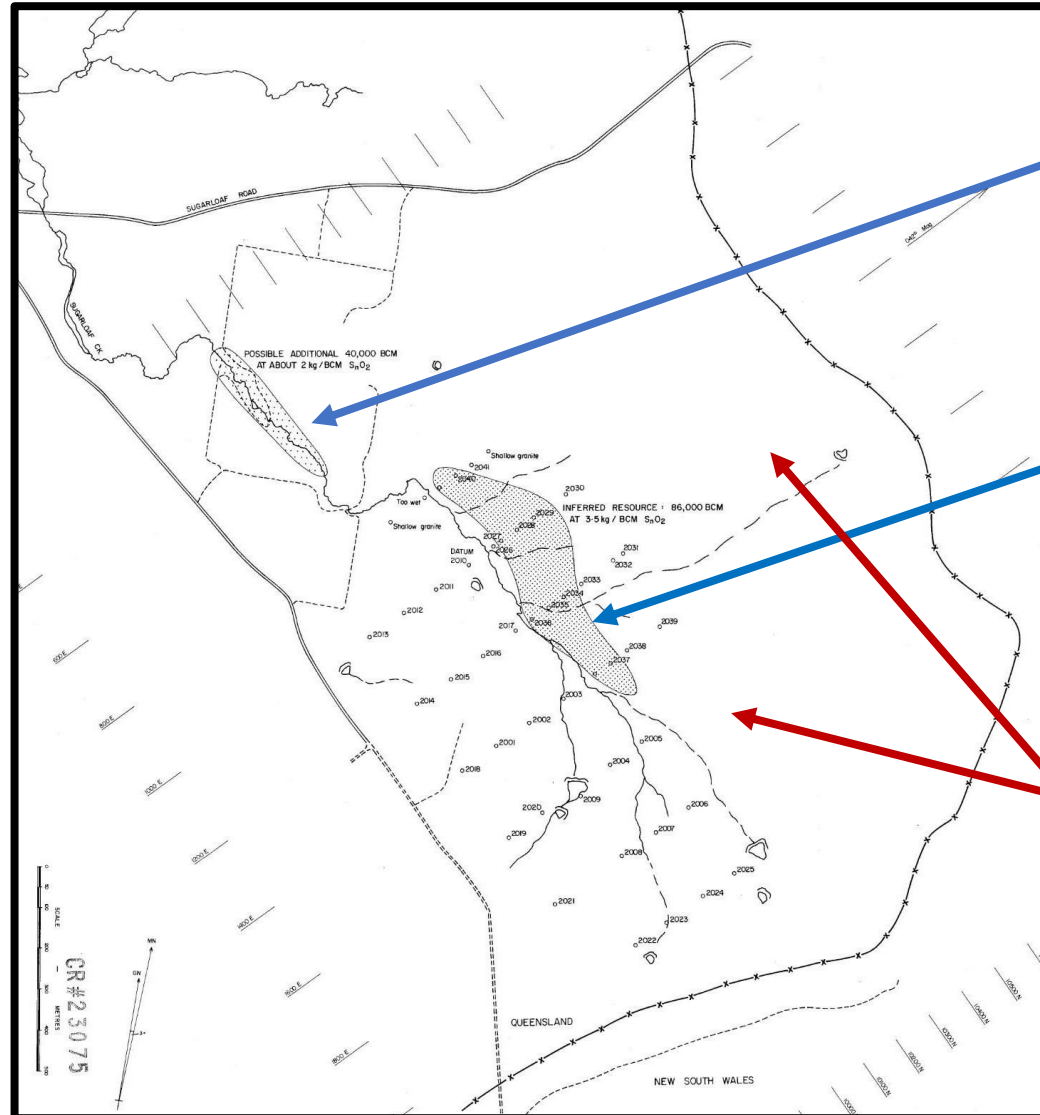
**Mining Lease 5926
Fat Cat**

**UPPER SUGARLOAF CREEK
COLLUVIAL & ALLUVIAL RESOURCE**

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TIN TUNGSTEN MOLYBDENUM RARE EARTHS ZONE

UPPER SUGARLOAF CREEK TIN RESOURCE



Potential for further 40,000 BCM
x 2Kg (SnO_2)

DRILLED RESOURCE
86,000 BCM x 3.5 Kg (SnO_2) BCM
For 301,000 Kg

Further Drilling Required to
Extend Resources

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TIN TUNGSTEN MOLYBDENUM RARE EARTHS ZONE



Upper Sugarloaf Creek- Resource in Flat in Middle Ground

LODE CREEK TIN TUNGSTEN MOLYBDENUM RARE EARTHS TARGET



Sampling Stripped Granite displaying Tin Rich greisen & Jointing Planes & Quartz veining

LODE CREEK TIN TUNGSTEN MOLYBDENUM RARE EARTHS TARGET



100k BCM Mulloch Dumps (2 dozen in total) untreated carrying Tin Grades

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LODE CREEK TIN TUNGSTEN MOLYBDENUM RARE EARTHS TARGET



Flat Quartz Veins with Higher Grade Tin & overlying Kaolin Mineralisation

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Mining Lease “Fat Cat” Sugarloaf

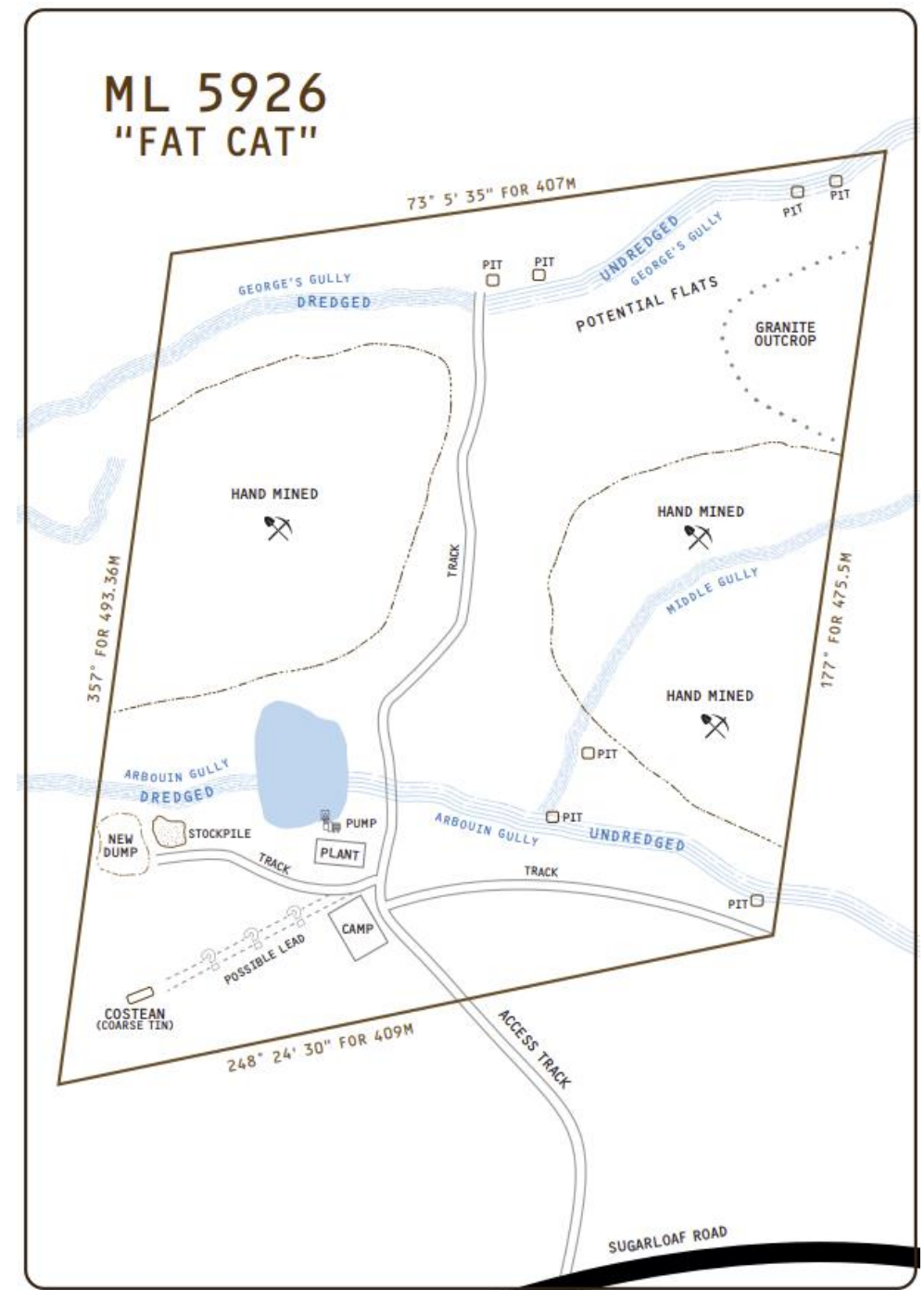
ML 5926 “Fat Cat” is 20 hectares in area has two gullies the Georges and Arbouin.

Both gullies were mined for high grade tin of which 40% was dredged.

Two central large areas were mined to 5 metres depth by shafts.

Historical mining was conducted in wet and or very sandy terrain with difficulty.

Modern equipment makes mining both easy and more efficient



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Mining Lease “Fat Cat” Sugarloaf

**Trommel jig and
riffle heavy media
separation plant.**

**30 to 40 loose
bank cubic metres
capacity**



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Mining Lease “Fat Cat” Sugarloaf

**Water Supply fed
from Arbouin Gully**



Mining Lease “Fat Cat” Sugarloaf

**Heavy Media Separation
Plant- Trommell riffle
table and jig**



Mining Lease “Fat Cat” Sugarloaf

**Georges Gully old
alluvial workings,
sinking 7 metres to
wash bulk sample
(previous owners)
graded 9 kg to BCM**



Mining Lease “Fat Cat” Sugarloaf

**Alluvial Flats
south of Georges
Gully previous
bulk sampling
recovered tin
grades of 1.1 to 3
Kg to BCM**



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GOLD & BASE METAL ZONE

- **Pikedale Prospect discovered in 1950's, had Bulk Sample treated by refinery ER&S Co at Port Kembla-recovery @ 24 ounces Gold and 7.2 ounces Silver per Tonne.**
- **Numerous alluvial gold creeks with source rocks not identified**
- **Highly underexplored good potential for gold, base metals over 50Km strike length**
- **Early exploration to uncover gold potential of Pikedale Reef, Glenelg and Hunters Hill gold arsenic prospects.**
- **Numerous Geophysical Anomalies Associated with NE Trending Fault Zones and NW Trending Altered & Mineralised Structural Zones, to be Tested.**

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BACKGROUND OF MANAGEMENT

Directors & Management

- **Tony Fawdon**- 50 years exploration & corporate experience, discoveries at Granny Smith Gold Mine, Cyclone Heavy Minerals Deposit and numerous other deposits identified. Tony has sat on the Queensland Resource Council board as the Exploration Director and floated and managed Strike Mining NL and Diatreme Resources Limited on the ASX Limited and founded several other companies.
- **Graham Rolfe** – 50 years experience in Government, Mining Companies and Consulting. Specialising in Exploration, Evaluation and Development of Precious Metals, Industrial Minerals and Gemstones in Australia, Melanesia, South East Asia, Latin America and Africa.
- **Robert Harrison**- Rob is an investment professional within financial markets having worked in both large and boutique investment advisory firms, starting at the Melbourne Stock Exchange trading floor in the 1980's. Rob has clients ranging from individuals, family offices, institutions, charities, and corporates. He is an owner/director of a 4-star Superior Investment Grade Private credit fund.
- **Matthew Adams**- Started career for 30 years on family cattle and earthmoving owned business in Central Queensland, the last 15 years owner operating earthmoving and civil contracting business servicing coal mining, oil & gas and mining exploration sector.