



Anchor Resources Limited

ABN: 49 122 751 419

ASX Code: AHR

Website: anchorresources.com

14 August 2017

Presentation – Anchor Project - Tyringham Intrusion-related Gold System

Mr Graeme Rabone will be making a presentation on Anchor's Tyringham Intrusion-related Gold System at an AusIMM meeting in Armidale NSW this evening.

Guy Robertson
Company Secretary



Tyringham Intrusion-related Gold System

Graeme Rabone
Exploration Manager

14 August 2017
AusIMM Meeting Armidale NSW

ASX CODE: AHR

IRGS Deposits

New class of gold deposit (since 1999)

18% world production, and growing

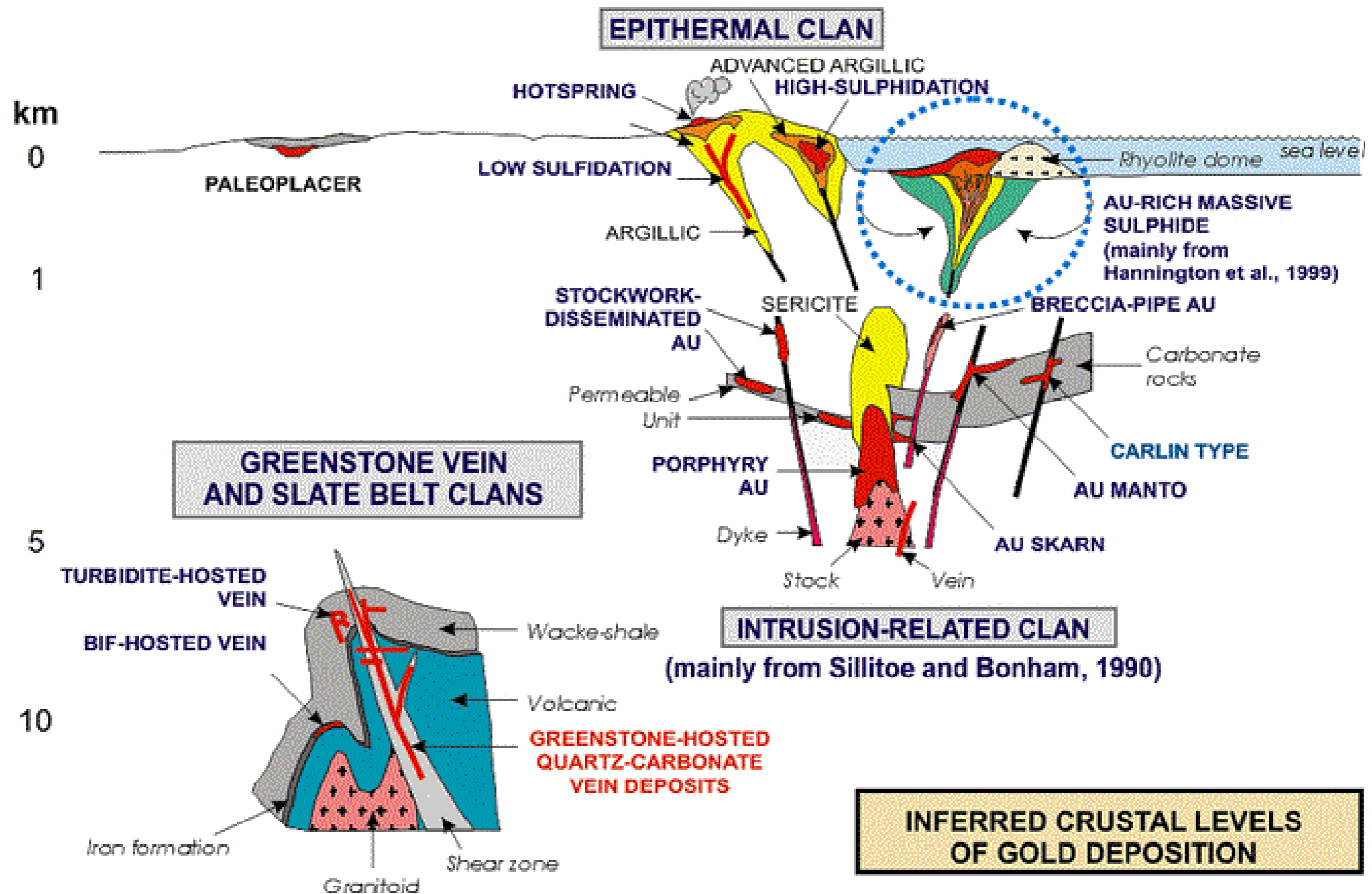
Large, low grade

Gold and host rock contemporaneous in age

Defined by specific characteristics

Tyringham ticks all boxes for an IRGS

IRGS Clan – What are They?



IRGS – Discoveries Can Be Large

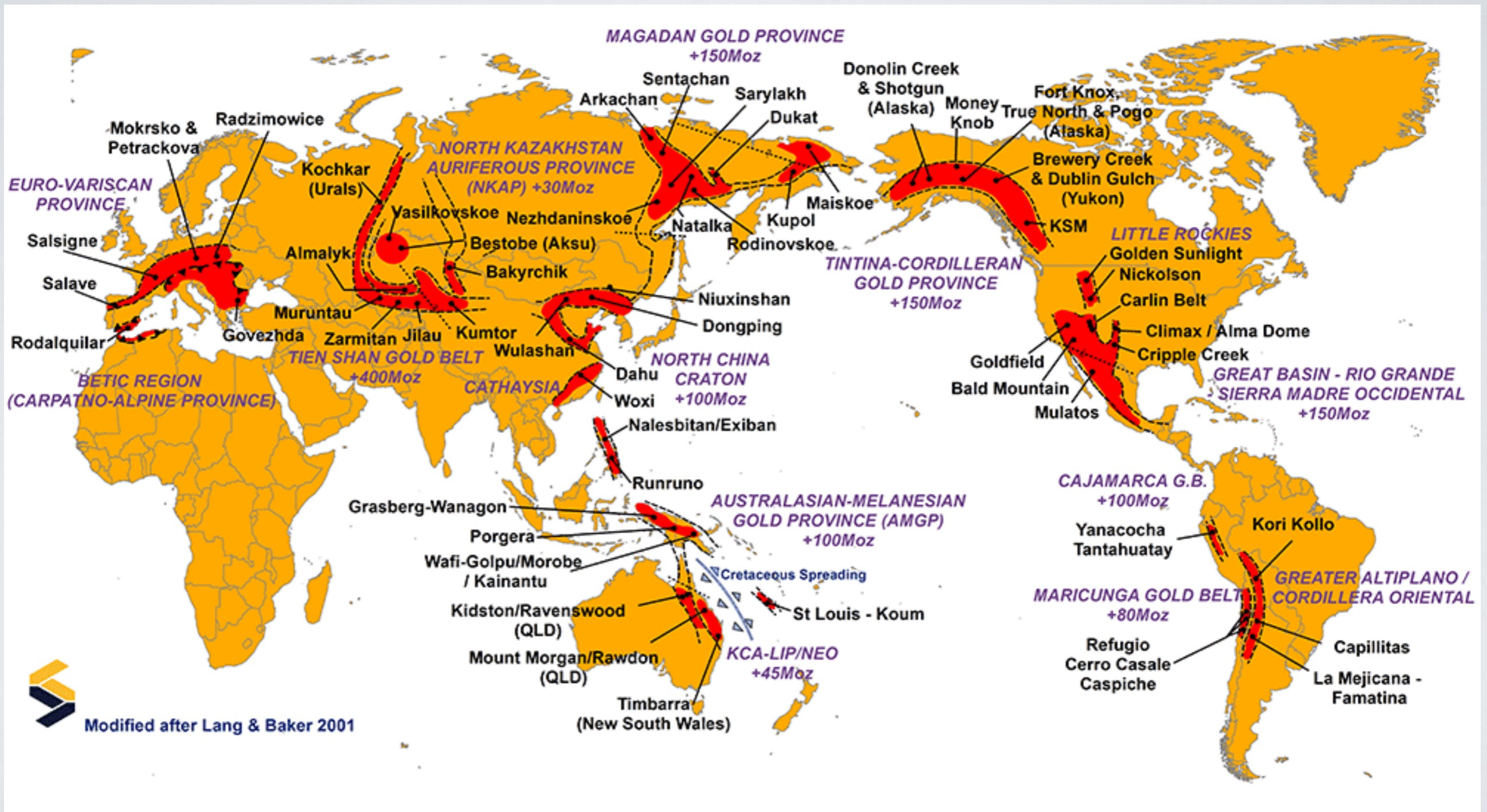
Fort Knox 9.5 Moz Au at 0.53 g/t (Alaska)

Donlin 45.0 Moz at 2.21g/t Au (Alaska)

Livengood 11.5 Moz at 0.68g/t Au (Alaska)

Dublin Gulch 6.3 Moz at 0.66 g/t (Yukon)

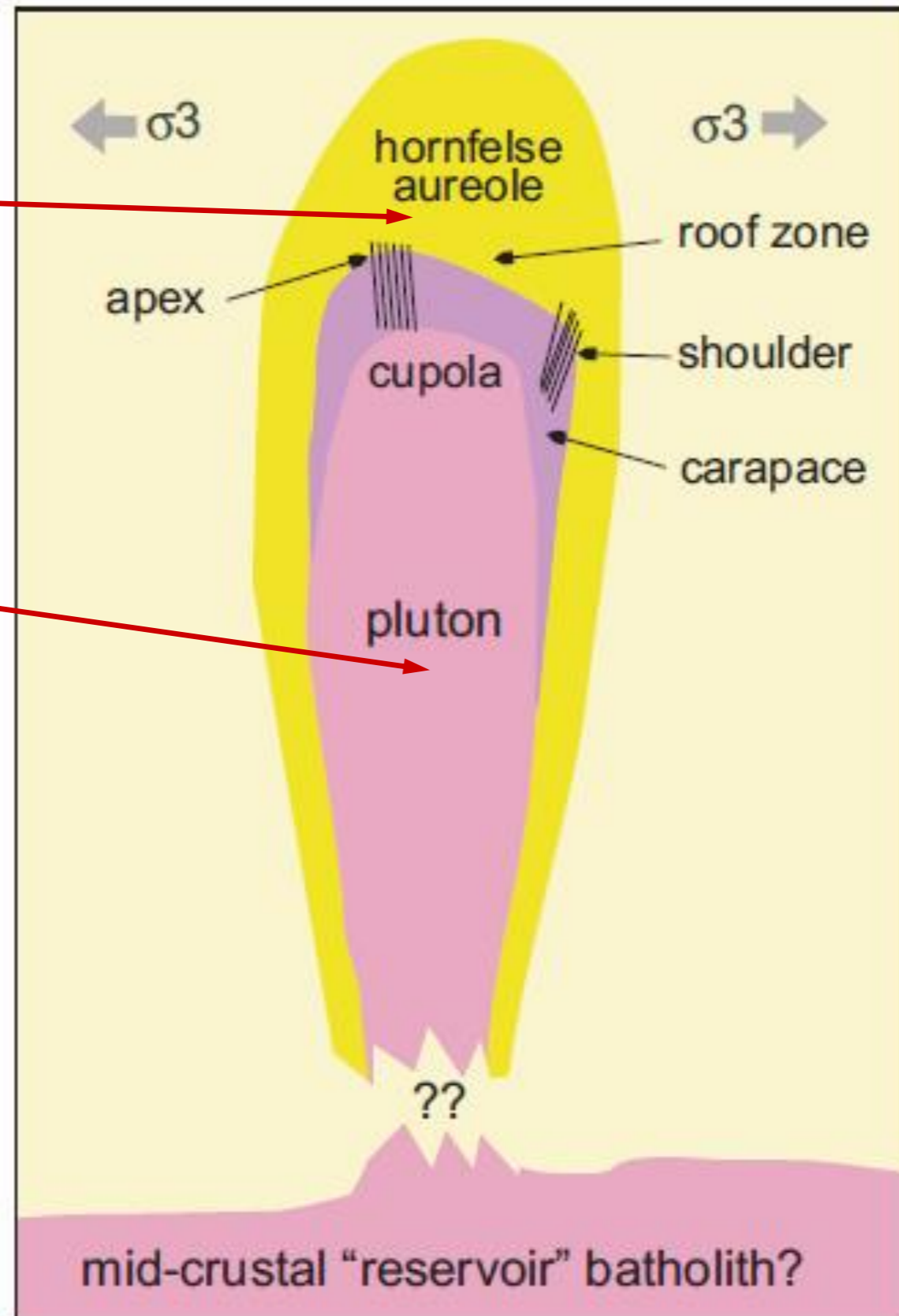
IRGS Provinces



IRGS Exploration Model

Cupola model showing preferred sites for accumulation of exsolved gold-bearing fluids

Small, elongate pluton 100 m - 5 km across derived from a larger magmatic reservoir



IRGS Metal Zonation - Vertical

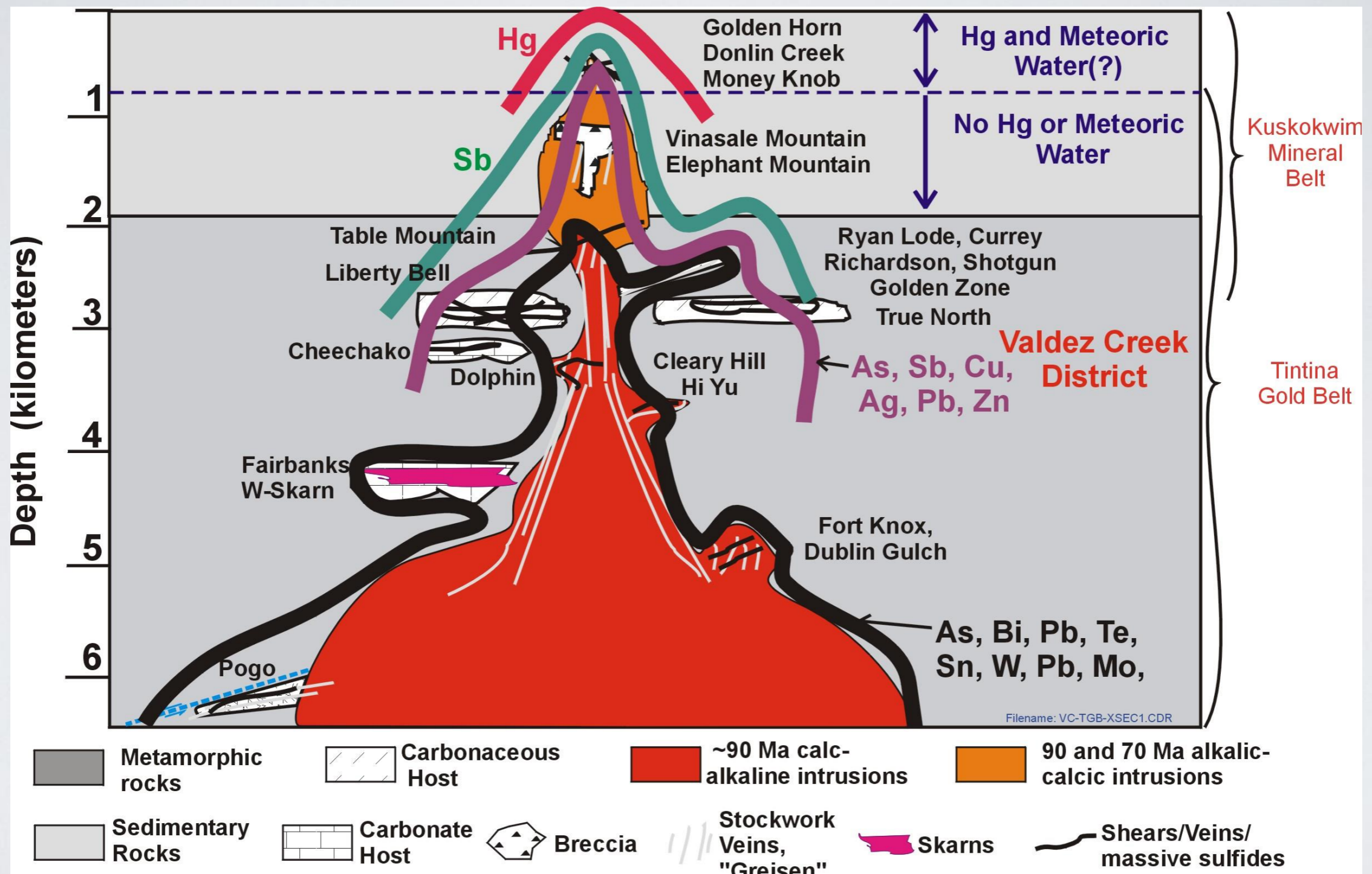
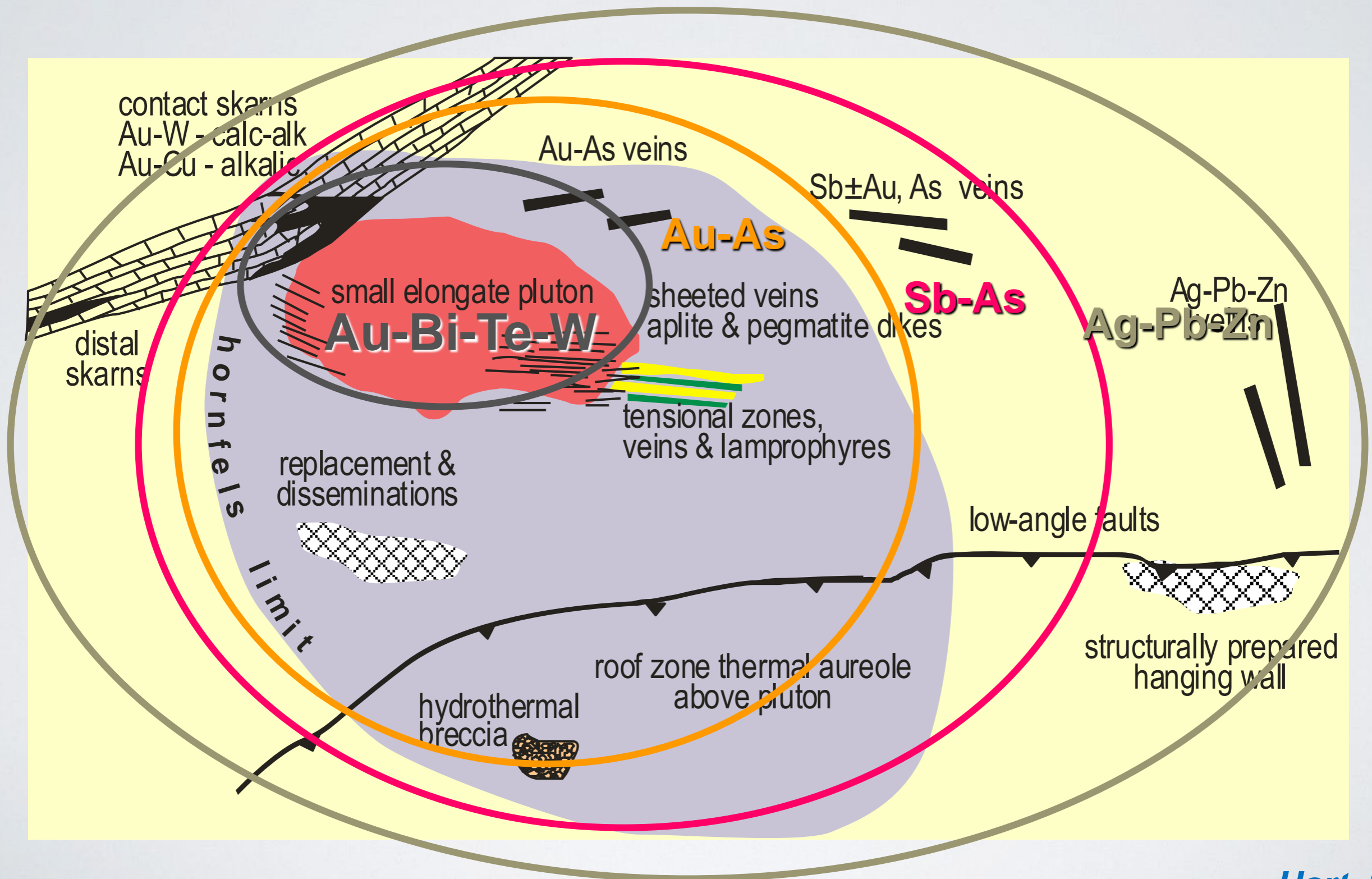


FIGURE 6: Schematic cross-section through a intrusive gold complexes in the Kuskokwim Gold Belt and Tintina Gold Belt, Alaska showing relative depth of the Valdez Creek District and other significant Alaska and Yukon prospects. Data from McCoy, 1997 modified by Avalon Development, 2002.

IRGS Metal Zonation – Lateral



Tyringham IRGS

Anchor has discovered a large IRGS using:

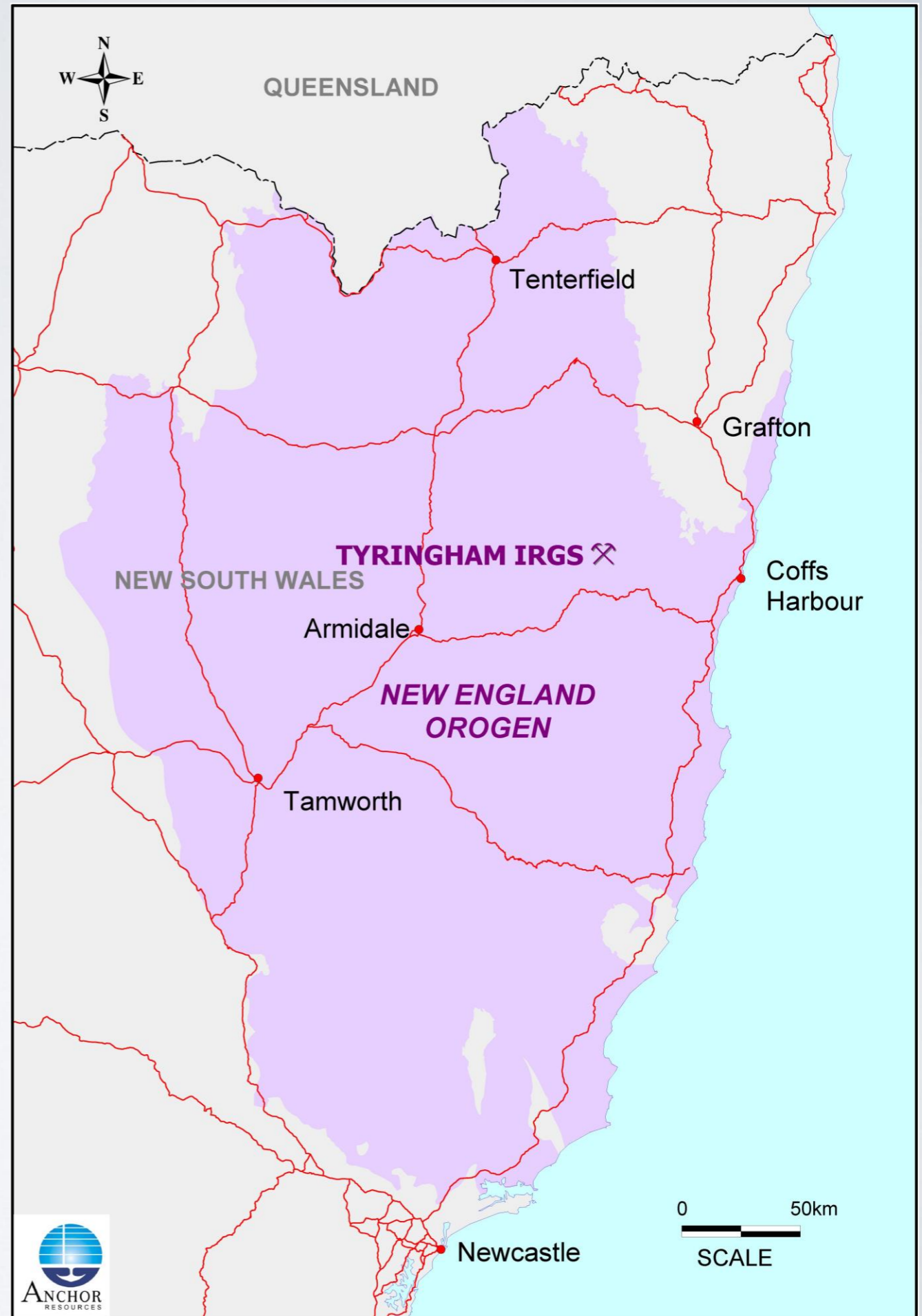
Geological mapping

Airborne magnetics

Geochemistry

Drilling

Age dating



Tyringham IRGS Signature

Au-Bi-Te \pm W-Mo assemblage

Native gold and bismuth, Au- and Bi-tellurides

Low Fe-sulphide system <1.5%

Pyrrhotite > pyrite, minor arsenopyrite

Sulphur has a magmatic origin (P Downes, 2013)

220 \pm 5 Ma gold mineralisation age inferred (late Triassic)

Seeking IRGS Pluton

Greisen selvage to quartz-gold veins dated ~220 Ma

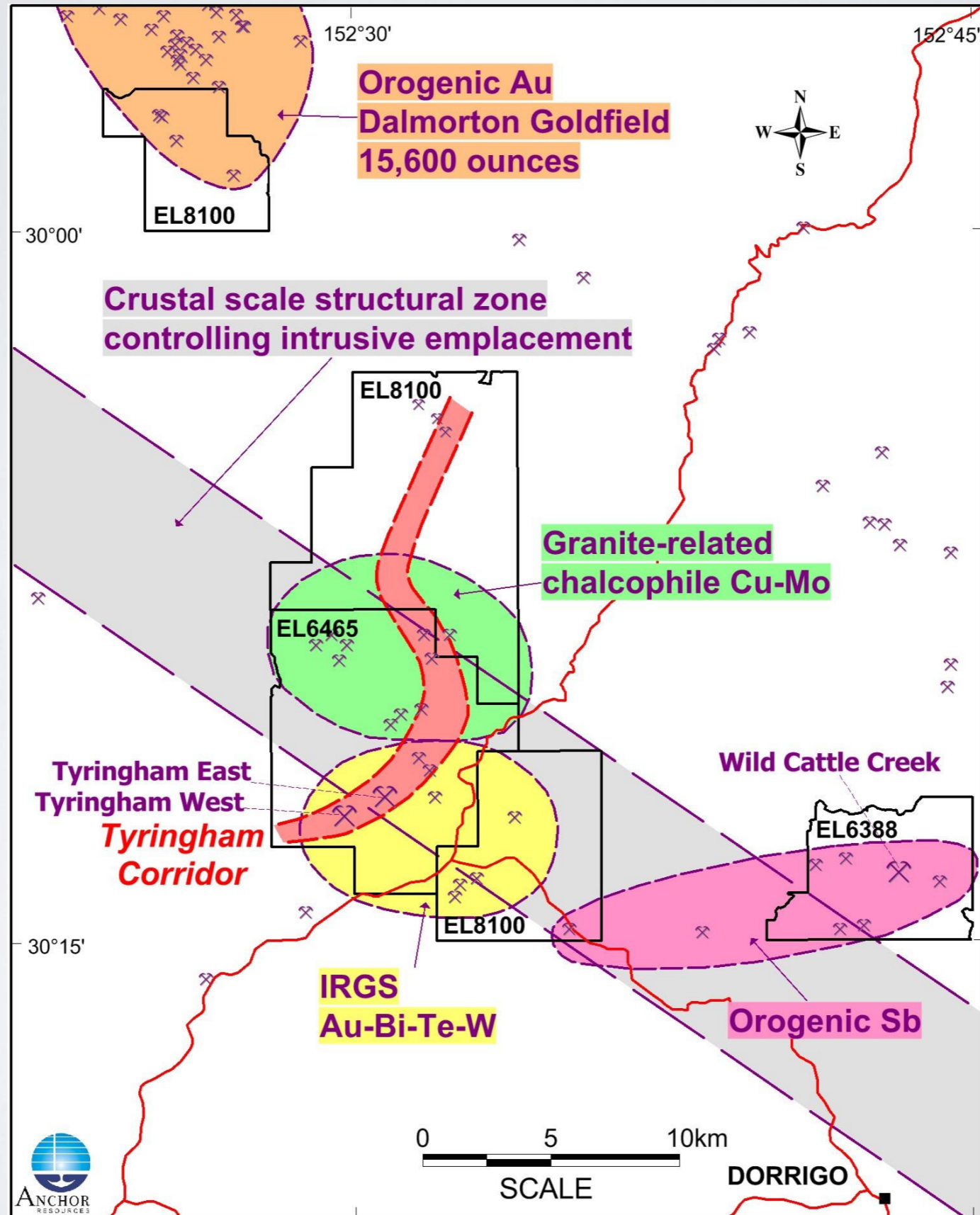
Overprint & destruction of biotite aggregates & feldspars in metasediments and granodiorite

Extensive quartz veining suggestive high fluid flow

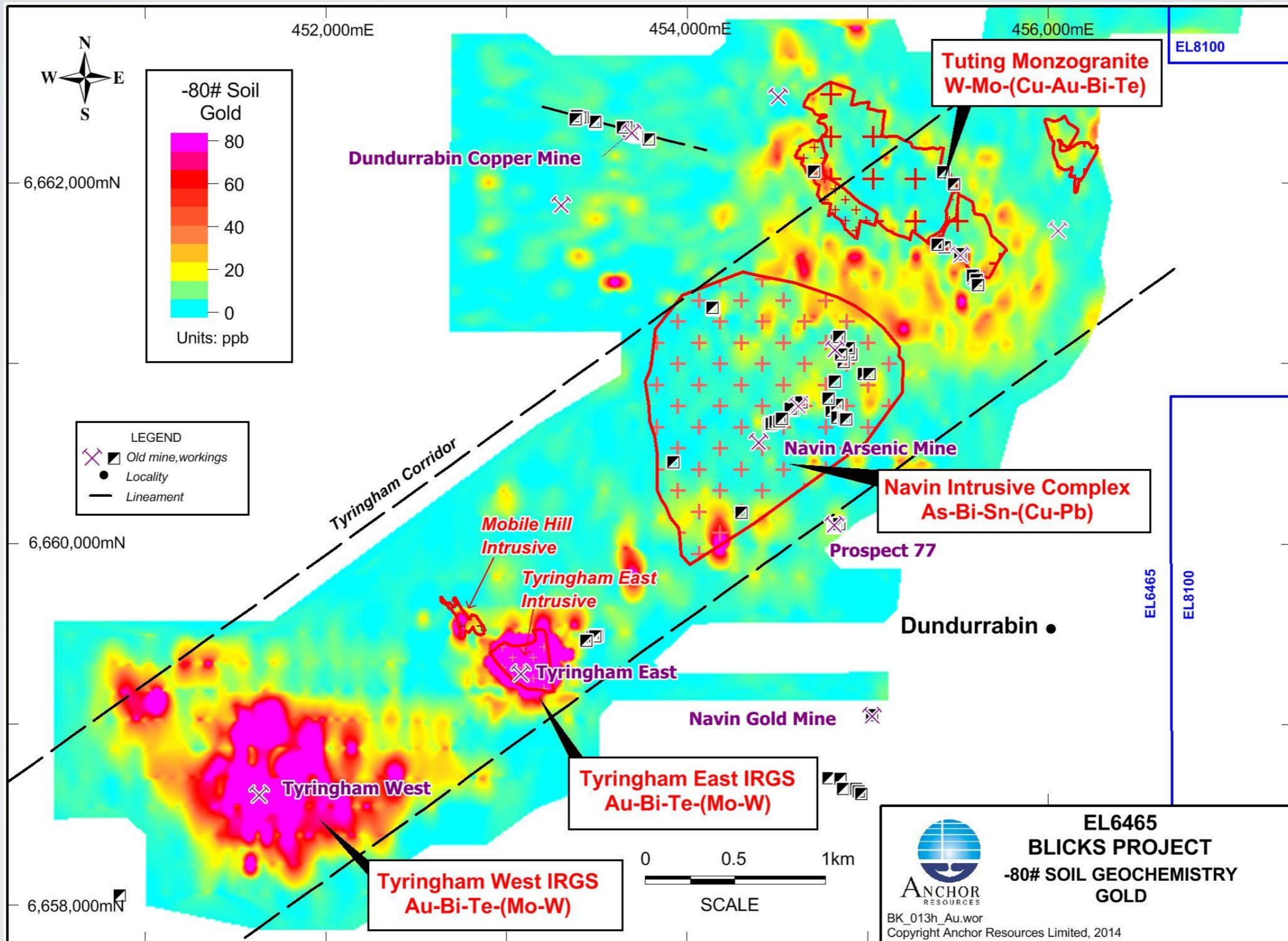
1,700+ m (15 holes) av ~0.2g/t Au in “leakage” veins

Underlying magnetic anomaly (pyrrhotite?) suggests an unroofed pluton/cupola target(s) - 220 Ma intrusion?

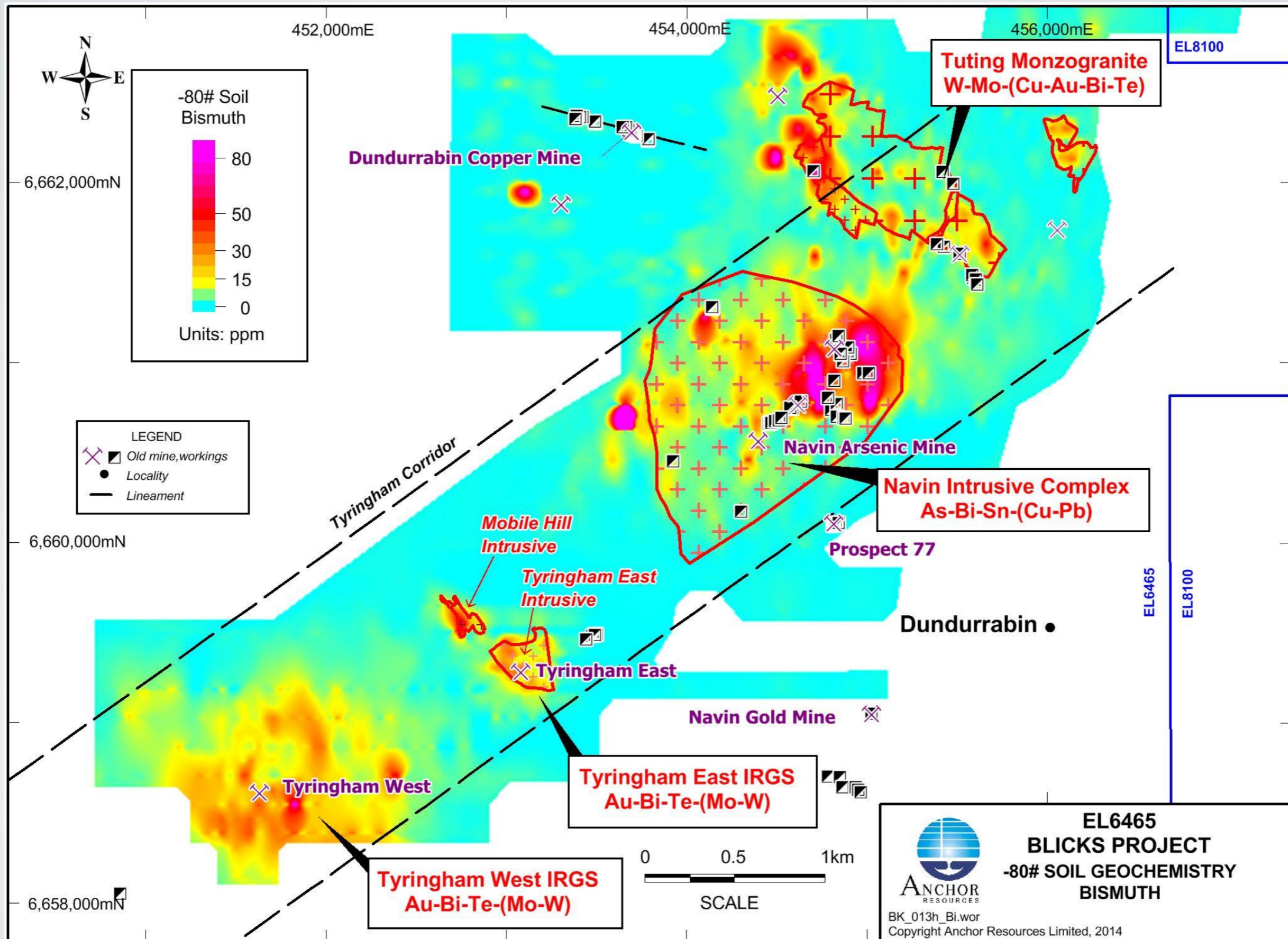
Diverse Metallogenic District



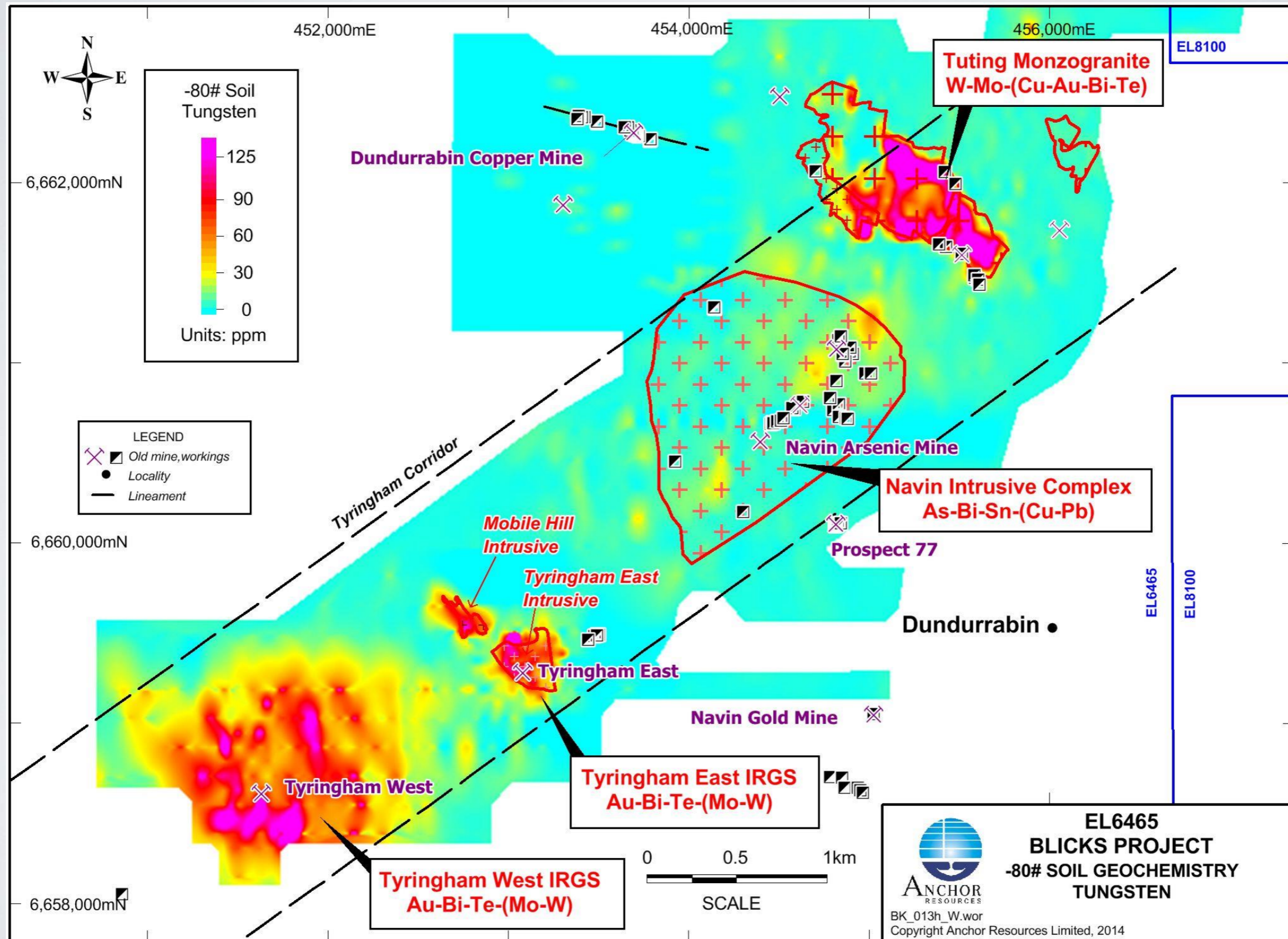
Gold Geochemistry



Bismuth Geochemistry



Tungsten Geochemistry

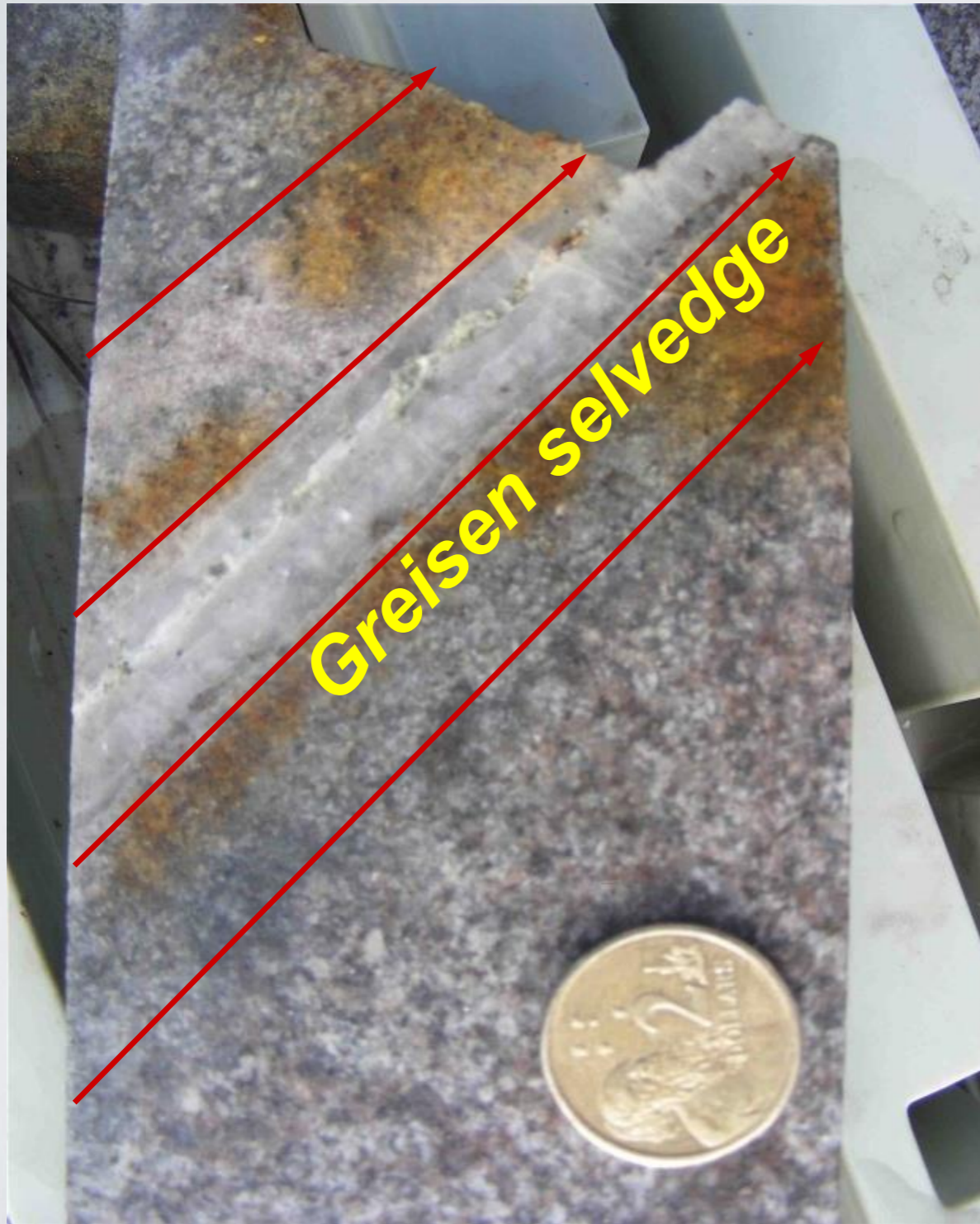


Au Pearson Correlation Coefficient

TDD-001	Gold Zone Sediment-hosted 0.0-129.0 metres av 0.22 g/t	
Element	Correlation	Strength
Silver	0.09	none
Arsenic	0.05	none
Bismuth	0.88	strong
Copper	0.13	weak
Potassium	-0.26	weak
Molybdenum	0.01	none
Sulphur	0.10	weak
Antimony	0.06	none
Tin	0.11	weak
Tellurium	0.93	strong
Tungsten	0.37	moderate

TDD-002	Gold Zone Granodiorite-hosted 10.0-159.0 metres av 0.18 g/t	
Element	Correlation	Strength
Silver	0.23	weak
Arsenic	0.02	none
Bismuth	0.83	strong
Copper	0.16	weak
Potassium	-0.23	weak
Molybdenum	-0.06	none
Sulphur	0.01	none
Antimony	0.17	weak
Tin	0.06	none
Tellurium	0.87	strong
Tungsten	0.07	none

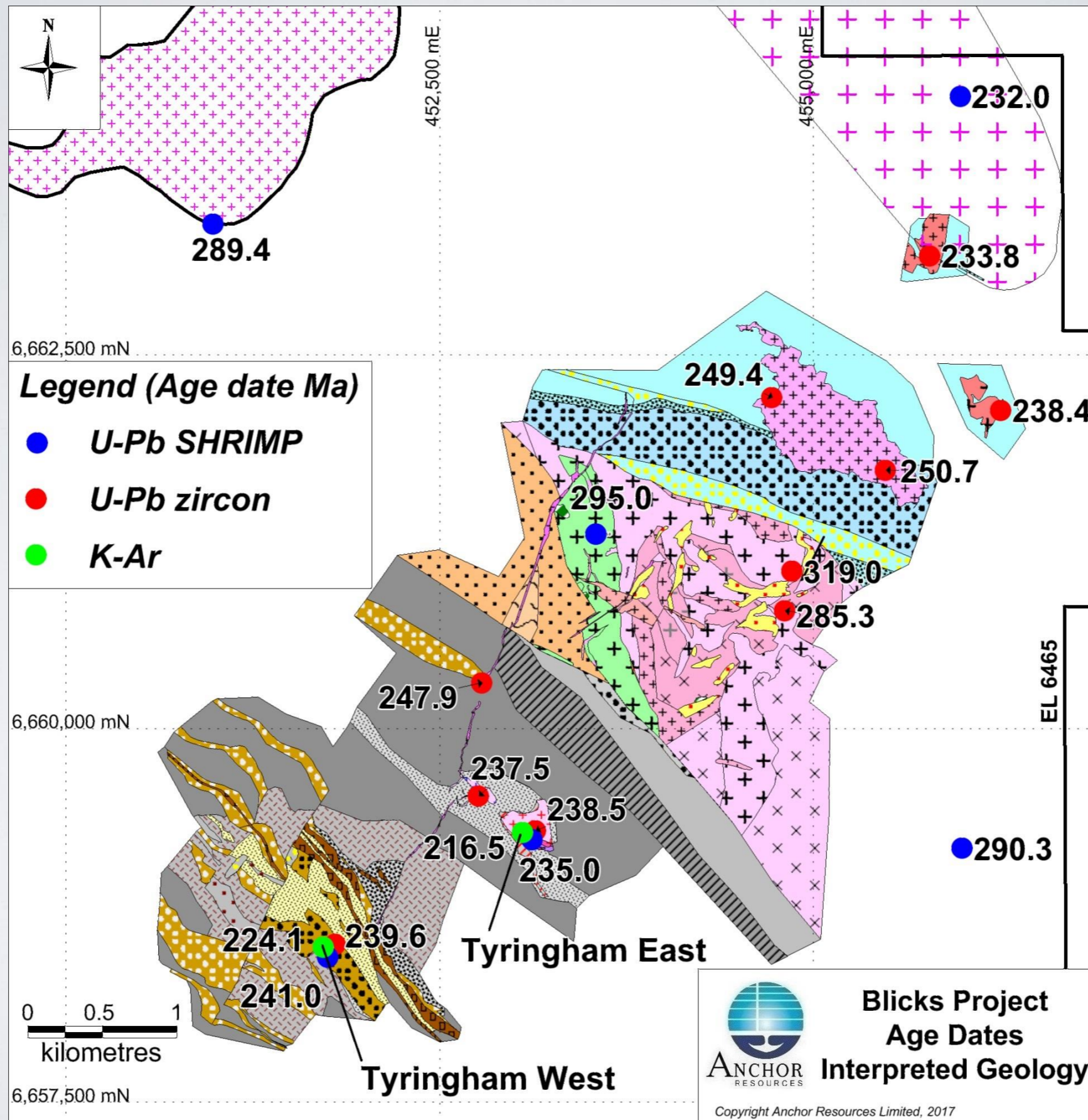
Age Dating - Quartz-greisen Vein



- TDD002 at 76.3 m
- Quartz-rich vein (~1.2 cm wide) with scheelite
- Bordered by pale grey, greisen-altered selvages about 1 cm wide
- K-Ar age 216.5 ± 5.7 Ma
- Host is 235/238 Ma

Courtesy Paul Ashley Petrographic and Geological Services, 2012

Age Dates – Critical for IRGS



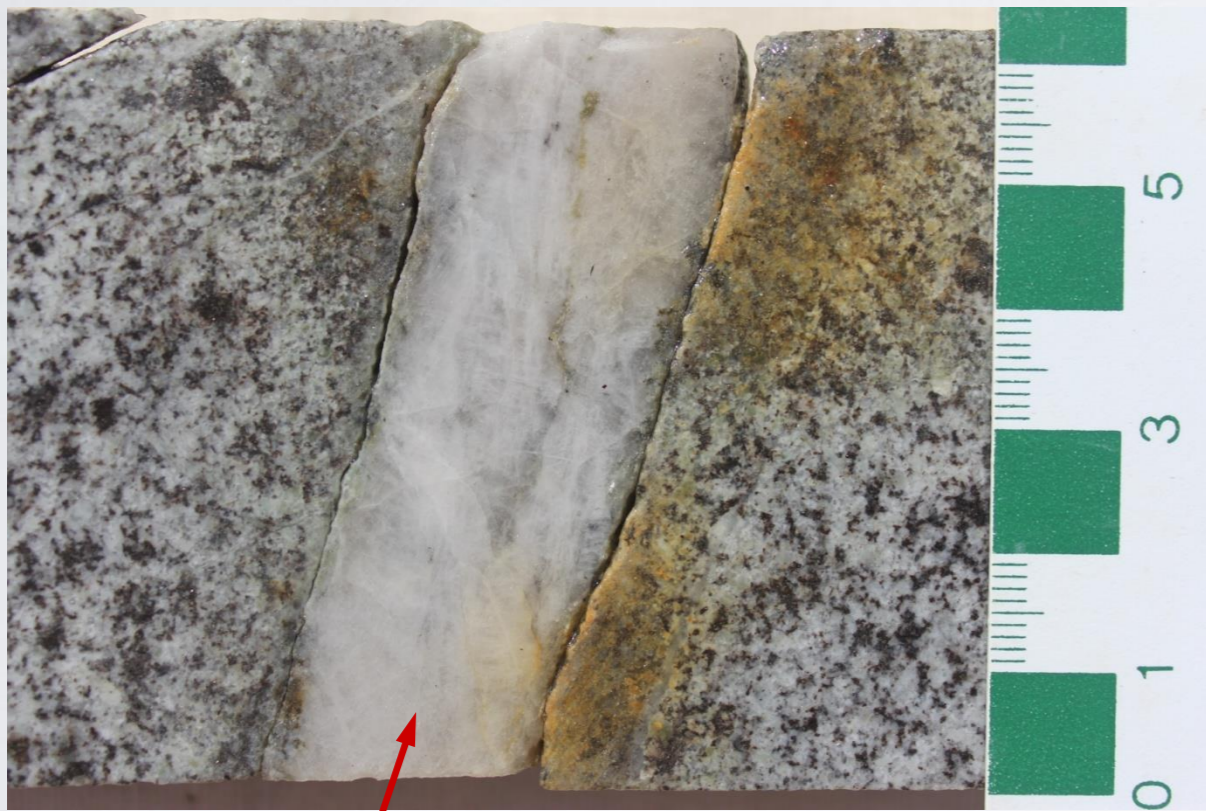
Multiple Veining Events



- **TDD-002**
Interval 113.63 – 113.65 m
- **Greisen selvages**
- **4 generations of veins**
- **Random stockwork**
- **113.00 – 114.00 m assays**
0.60g/t Au, 32.2ppm Bi and 8.46ppm Te

**Niche sample assays 0.94g/t Au,
53.8ppm Bi and 15.05ppm Te**

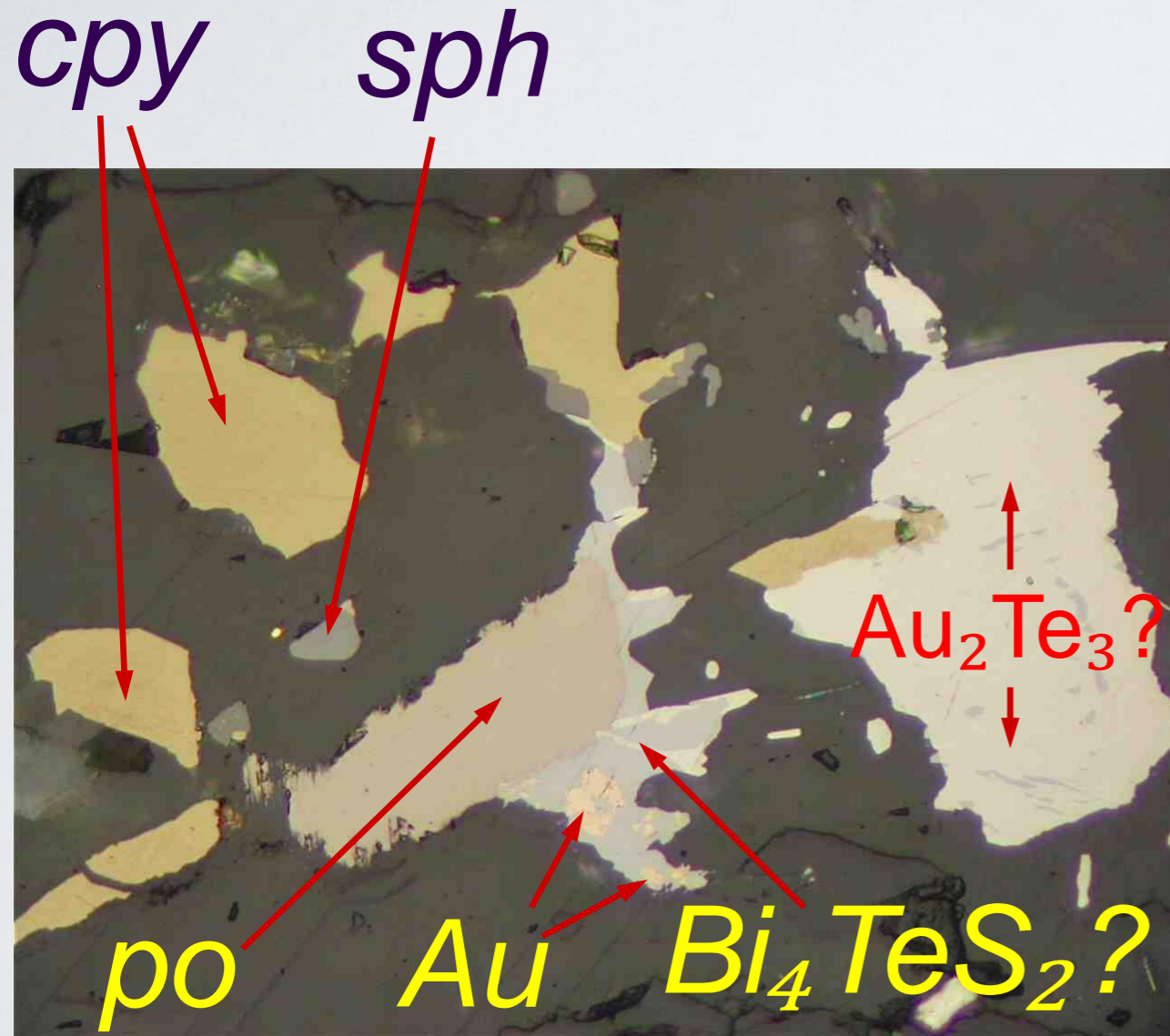
Tyringham East Niche Sampling



- **TDD-002**
Interval 64.70 – 64.72 m
- **Minor ultrafine pyrite along wallrock-vein contact**
- **Encapsulated muscovite within quartz vein**

Niche sample assays 17.15g/t Au, 2160ppm Bi, 430ppm Te

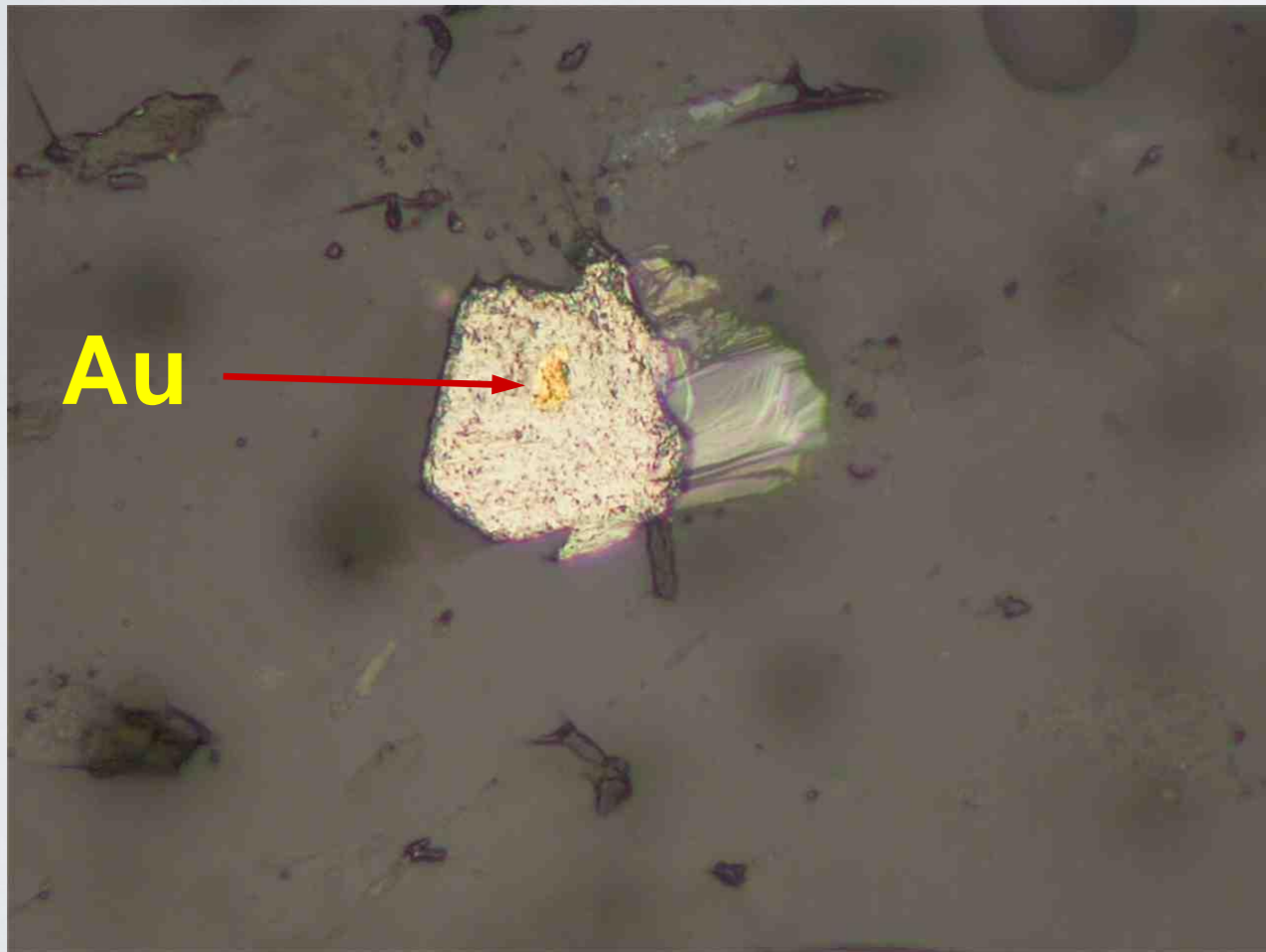
Tyringham West Gold



Au inclusion and ?Au-telluride

- TDD-001 Interval
68.36-68.41 m
- Gold
- Montbrayite ? (Au_2Te_3)
- Joseite ? (Bi_4TeS_2)
- Po, cpy, sph

Tyringham East Gold



- **TDD-002**
Interval 66.01m
- **Native bismuth grain**
~40 μm in vein quartz
- **Gold inclusion ~7 μm in**
bismuth

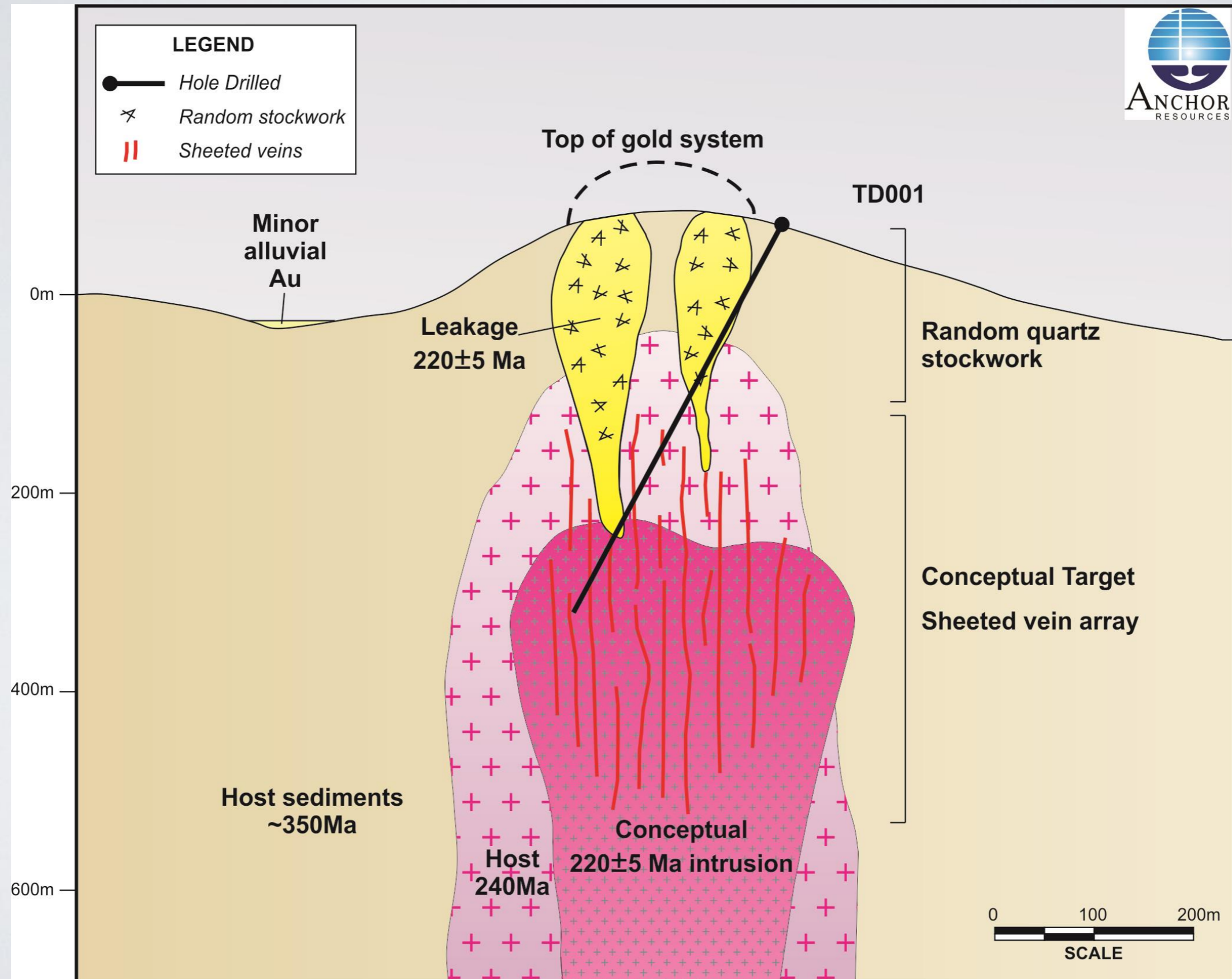
Au inclusion in bismuth

Tyringham Vector Analysis

Gold Zones Defined by Nominal 0.1g/t Au Cut-off

Hole ID	From	To	Interval	Au	Bi-Au	Bi:Au	As-Au	As:Au	Sb-Au	Sb:Au
	m	m	m	g/t	Correlation	ratio	Correlation	ratio	Correlation	ratio
					r =		r =		r =	
Tyringham West										
TDD-001	0.00	129.00	129.00	0.23	0.88	120:1	0.05	2,524:1	0.07	6.1:1
TDD-003	49.00	66.00	17.00	0.26	0.88	57:1	0.31	609:1	0.20	1.3:1
TDD-004	0.00	128.60	128.60	0.28	0.86	109:1	-0.07	2,299:1	-0.01	5.6:1
TDD-005	0.00	80.00	80.00	0.28	0.93	135:1	-0.12	221:1	-0.01	2.5:1
TRC-020	0.00	205.00	205.00	0.17	0.90	103:1	-0.07	1,132:1	na	na
TW Average				0.24	0.89	105:1	0.02	993:1	0.06	4:1
Tyringham East										
TDD-002	10.00	145.00	135.00	0.20	0.84	92:1	0.15	559:1	0.31	2.3:1
TDD-007	52.70	199.00	146.30	0.22	0.79	59:1	-0.08	130:1	0.03	8.6:1
TE Average				0.21	0.82	76:1	0.04	345:1	0.17	5:1
IRGS Proximal/Deeper										
					0.89	31:1	0.23	1,440:1	?	37.1
IRGS Distal/Shallower										
					0.12	0.36:1	0.86	2,530:1	?	153.3

Tyringham Conceptual Model

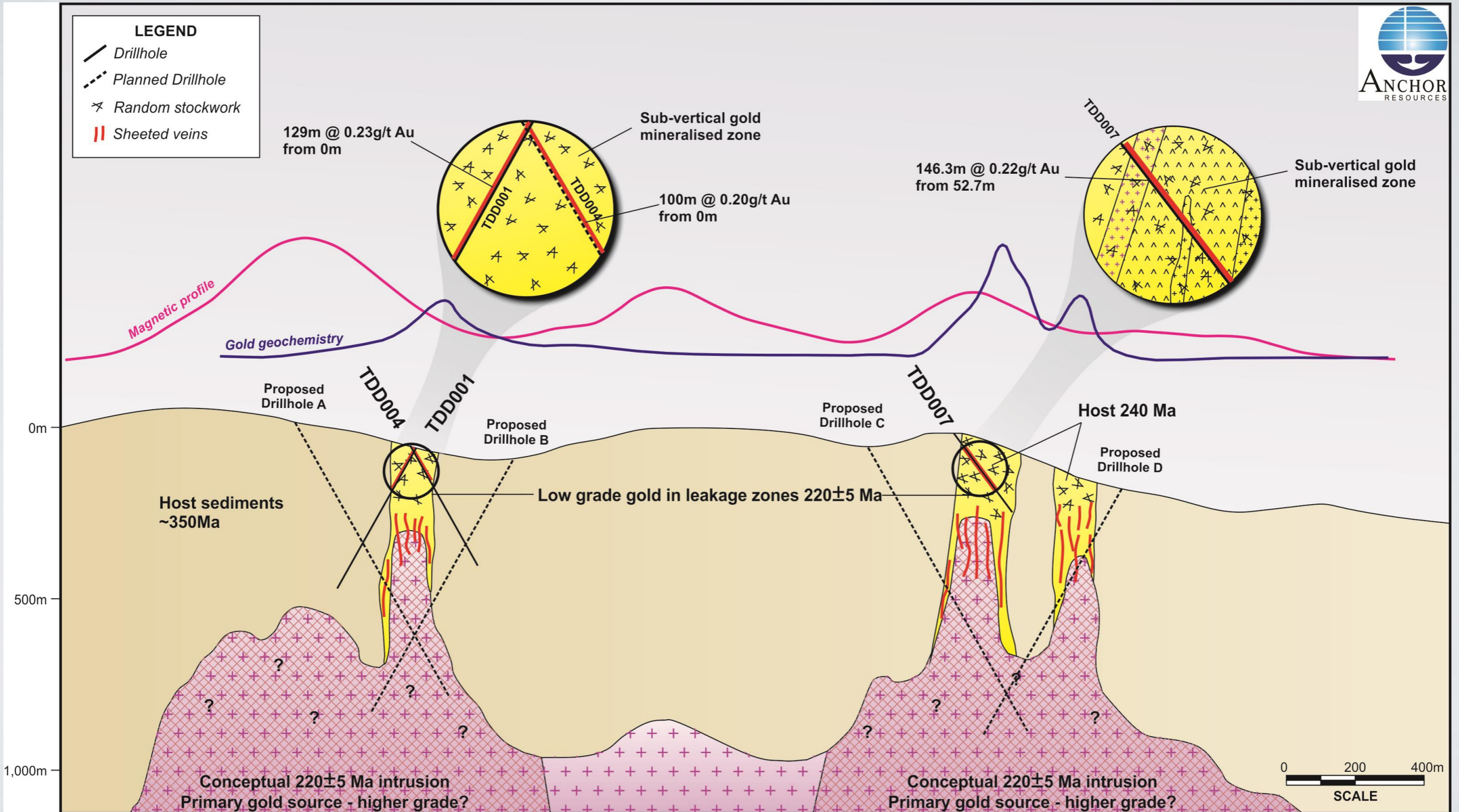
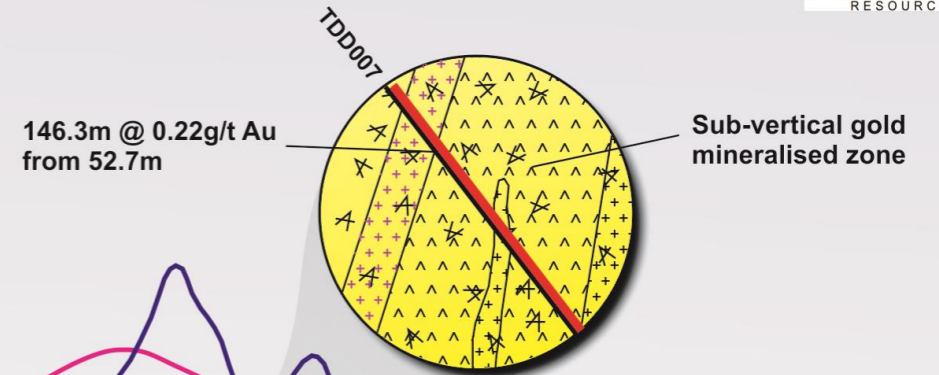
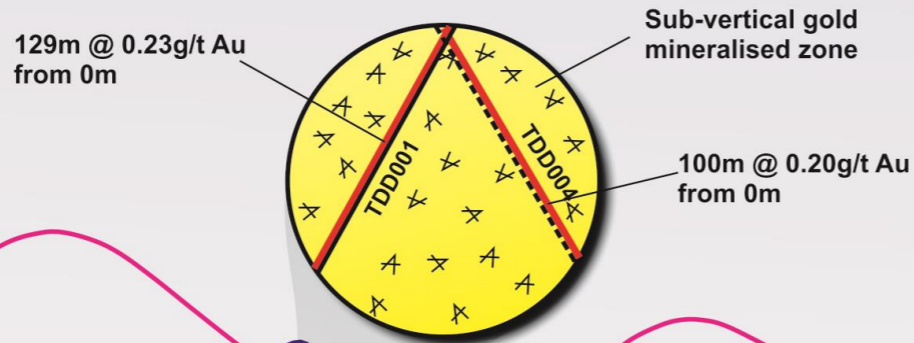


Deeper Drilling Planned



LEGEND

- Drillhole
- Planned Drillhole
- Random stockwork
- Sheeted veins



Disclaimer

This presentation has been prepared by Anchor Resources Limited (“Company”). It does not purport to contain all the information that a prospective investor may require in connection with any potential investment in the Company. You should not treat the contents of this presentation, or any information provided in connection with it, as financial advice, financial product advice or advice relating to legal, taxation or investment matters.

This presentation is provided expressly on the basis that you will carry out your own independent inquiries into the matters contained in the presentation and make your own independent decisions about the affairs, financial position or prospects of the Company. The Company reserves the right to update, amend or supplement the information at any time in its absolute discretion (without incurring any obligation to do so).

Neither the Company, nor its related bodies corporate, officers, their advisers, agents and employees accept any responsibility or liability to any person or entity as to the accuracy, completeness or reasonableness of the information, statements, opinions or matters (express or implied) arising out of, contained in or derived from this presentation or provided in connection with it, or any omission from this presentation, nor as to the attainability of any estimates, forecasts or projections set out in this presentation. Pursuant to the general law (whether for negligence, under statute or otherwise), or any Australian legislation or any other jurisdiction. Any such responsibility or liability is, to the maximum extent permitted by law, expressly disclaimed and excluded. Nothing in this material should be construed as either an offer to sell or a solicitation of an offer to buy or sell securities. It does not include all available information and should not be used in isolation as a basis to invest in the Company.

Future matters

This presentation contains reference to certain intentions, expectations, future plans, strategy and prospects of the Company. Those intentions, expectations, future plans, strategy and prospects may or may not be achieved. They are based on certain assumptions, which may not be met or on which views may differ and may be affected by known and unknown risks. The performance and operations of the Company may be influenced by a number of factors, many of which are outside the control of the Company. No representation or warranty, express or implied, is made by the Company, or any of its directors, officers, employees, advisers or agents that any intentions, expectations or plans will be achieved either totally or partially or that any particular rate of return will be achieved.

Given the risks and uncertainties that may cause the Company's actual future results, performance or achievements to be materially different from those expected, planned or intended, recipients should not place undue reliance on these intentions, expectations, future plans, strategy and prospects. The Company does not warrant or represent that the actual results, performance or achievements will be as expected, planned or intended.

Exploration Targets

The terms "Target" or "Exploration Target" where used in this presentation should not be misunderstood or misconstrued as an estimate of a Mineral Resource as defined in this context. Exploration Targets are conceptual in nature, there has been insufficient exploration to define a Mineral Resource and it is uncertain further exploration will result in the determination of a Mineral Resource.

Competent Persons' Statement

The information in this presentation that relates to Exploration Results is based on information compiled by Mr Graeme Rabone, a consultant to the Company and a member of the Australian Institute of Geoscientists. Mr Rabone has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this report and to the activity which they are 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' ("JORC Code"). Mr Rabone consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

US disclosure

This document does not constitute any part of any offer to sell, or the solicitation of an offer to buy, any securities in the United States or to, or for the account or benefit of any "US person" as defined in Regulation S under the US Securities Act of 1993 ("Securities Act"). The Company's shares have not been, and will not be, registered under the Securities Act or the securities laws of any state or other jurisdiction of the United States, and may not be offered or sold in the United States or to any US person without being so registered or pursuant to an exemption from registration including an exemption for qualified institutional buyers.

