Anchor Resources Limited
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ASX Code: AHR
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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

ANCHOR RESOURCES

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

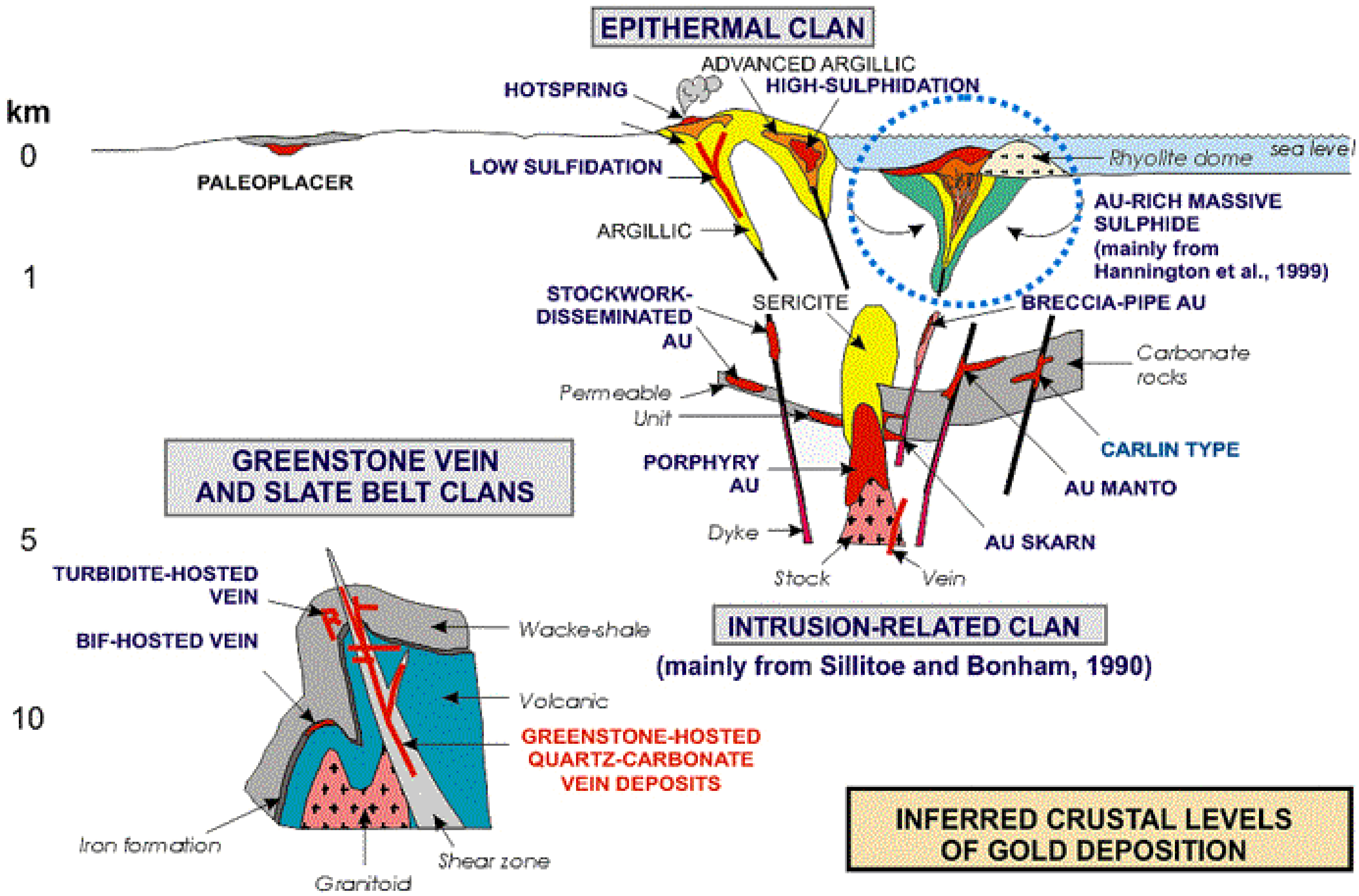
Large, low grade

Gold and host rock contemporaneous in age

Defined by specific characteristics

Tyringham ticks all boxes for an IRGS

IRGS Clan – What are They?



Robert et al., 2007

IRGS – Discoveries Can Be Large

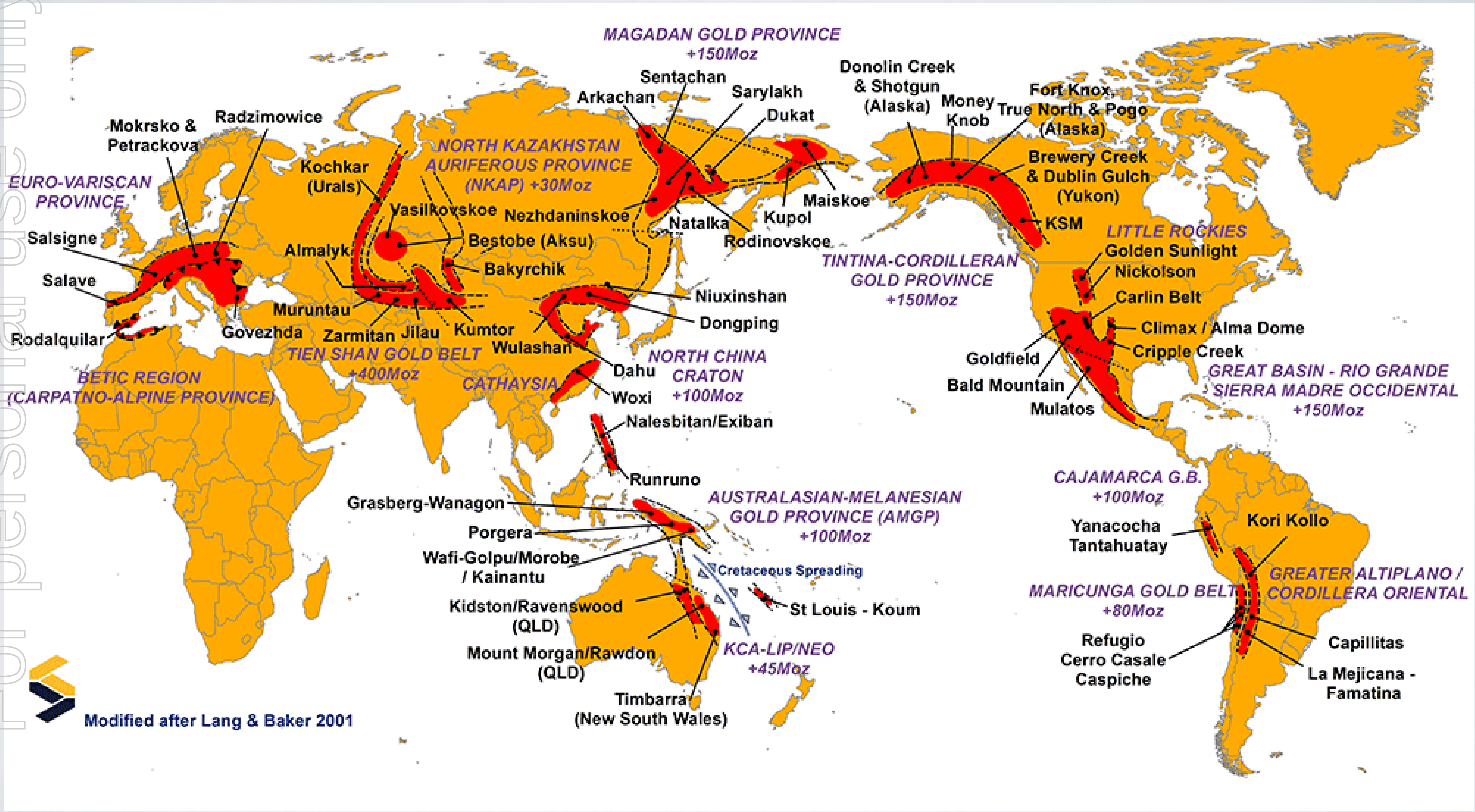
Fort Knox 9.5 Moz Au at 0.53 g/t (Alaska)

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)

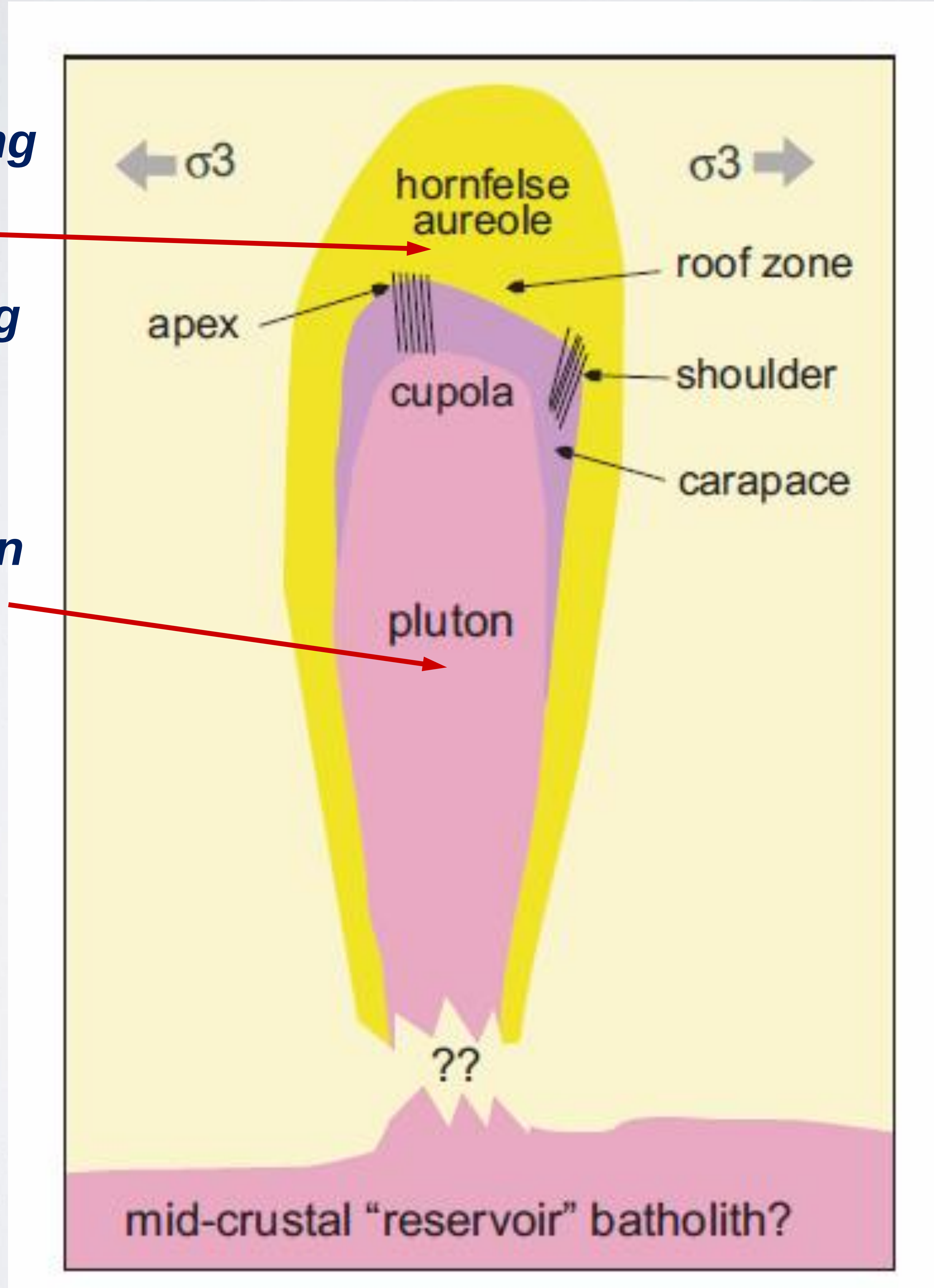
IRGS Provinces



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



Hart, 2005

IRGS Metal Zonation - Vertical

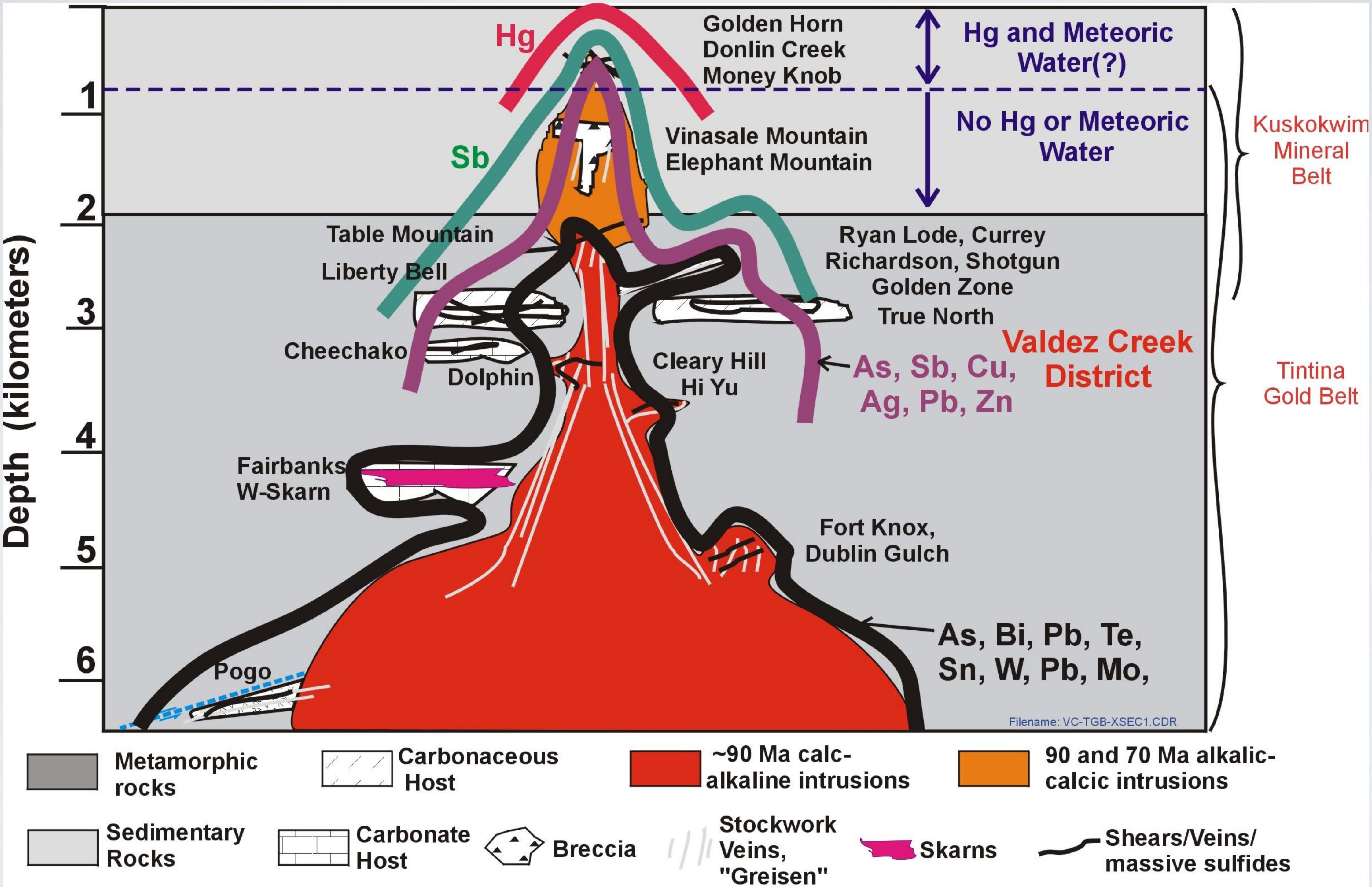
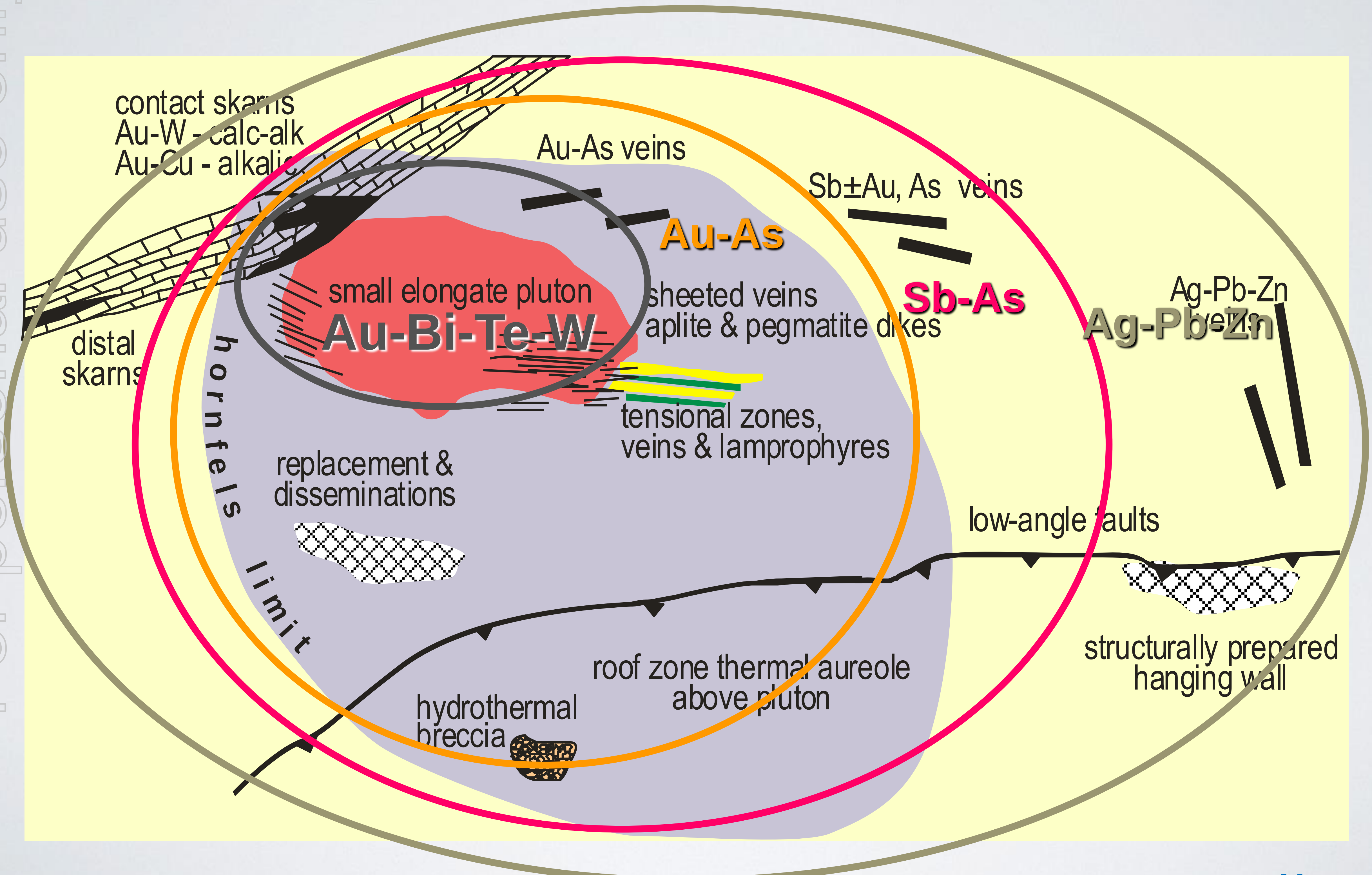


FIGURE 6: Schematic cross-section through a intrusive gold complexes in the Kuskokwim Gold Belt and Tintina Gold Belt, Alaska showing relative depth of the Valdez Creek District and other significant Alaska and Yukon prospects. Data from McCoy, 1997 modified by Avalon Development, 2002.

Avalon Development, 2002

IRGS Metal Zonation – Lateral



Hart, 2005

Tyringham IRGS

Anchor has discovered a large IRGS using:

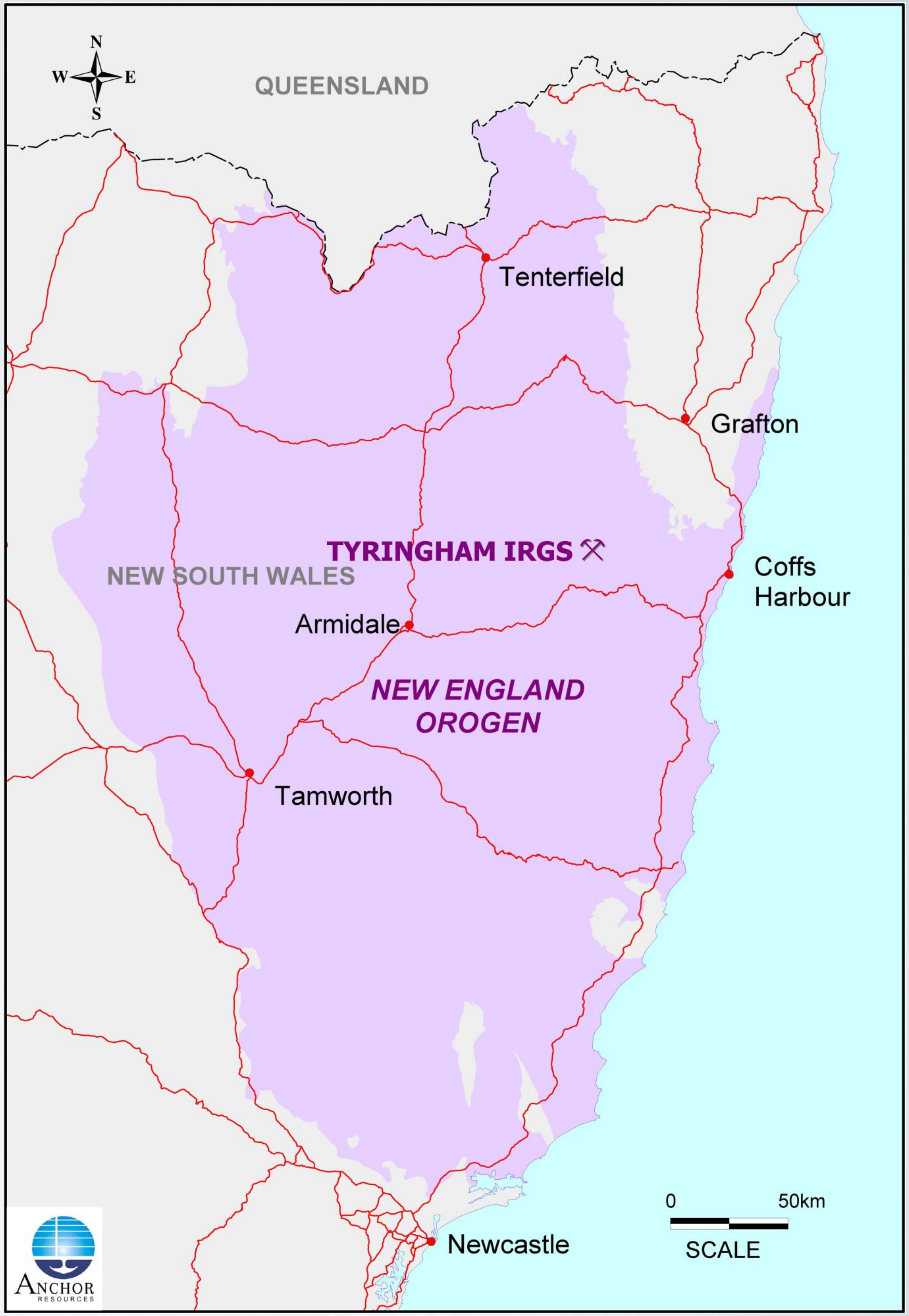
Geological mapping

Airborne magnetics

Geochemistry

Drilling

Age dating



Tyringham IRGS Signature

Au-Bi-Te ±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±5 Ma gold mineralisation age inferred (late Triassic)

Seeking IRGS Pluton

Greisen selvedge to quartz-gold veins dated ~220 Ma

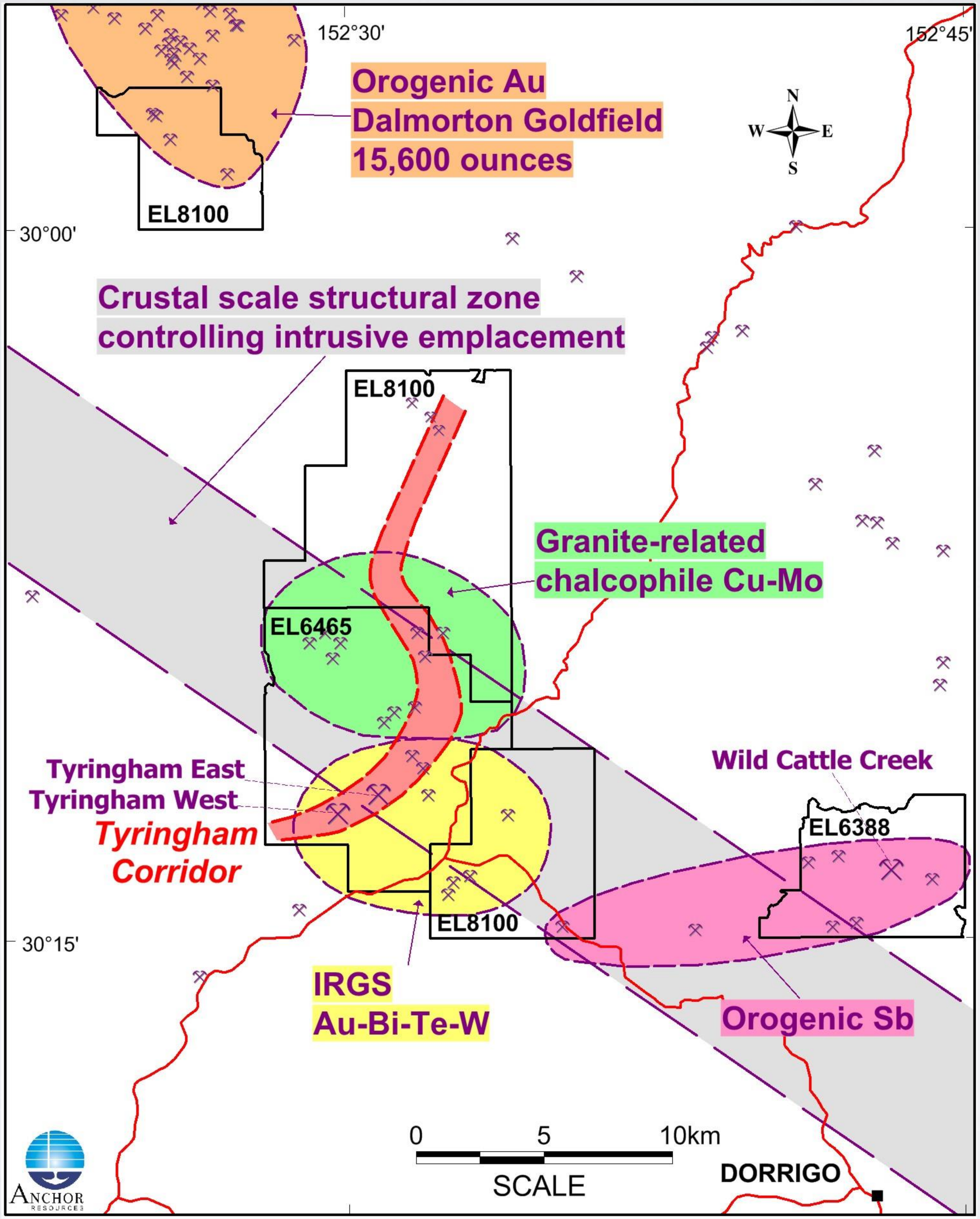
Overprint & destruction of biotite aggregates & feldspars in metasediments and granodiorite

Extensive quartz veining suggestive high fluid flow

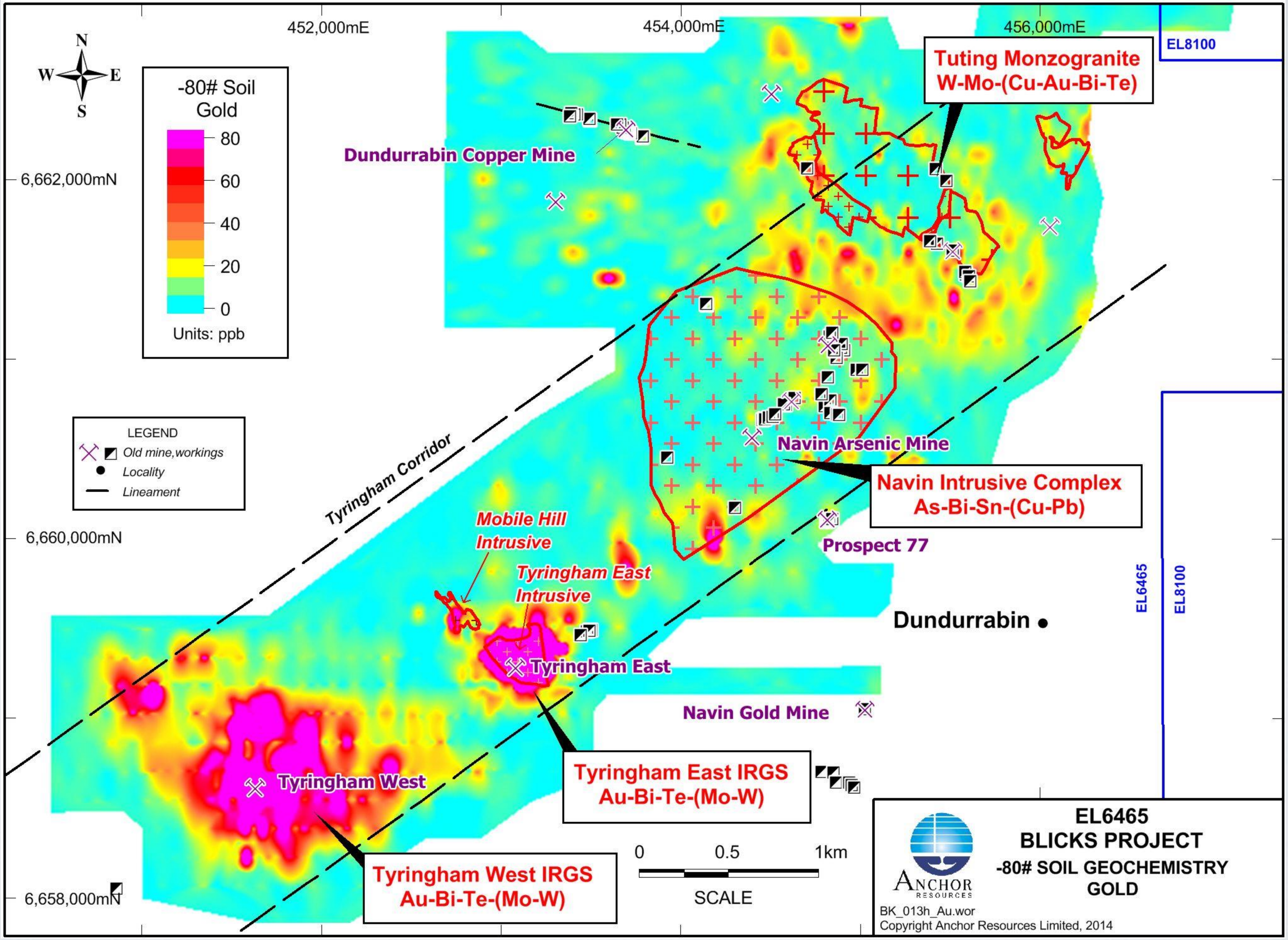
1,700+ m (15 holes) av ~0.2g/t Au in “leakage” veins

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

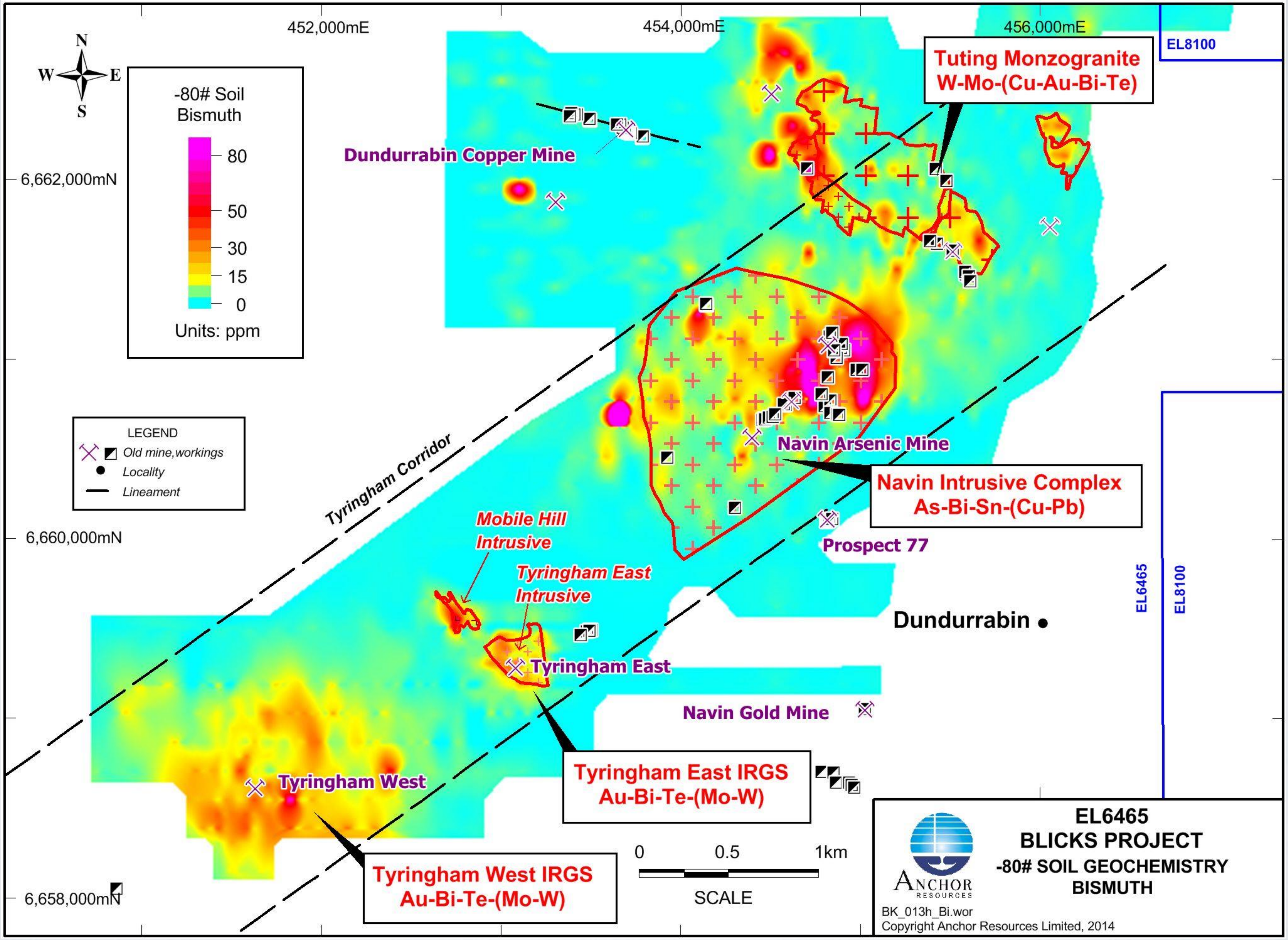
Diverse Metallogenic District



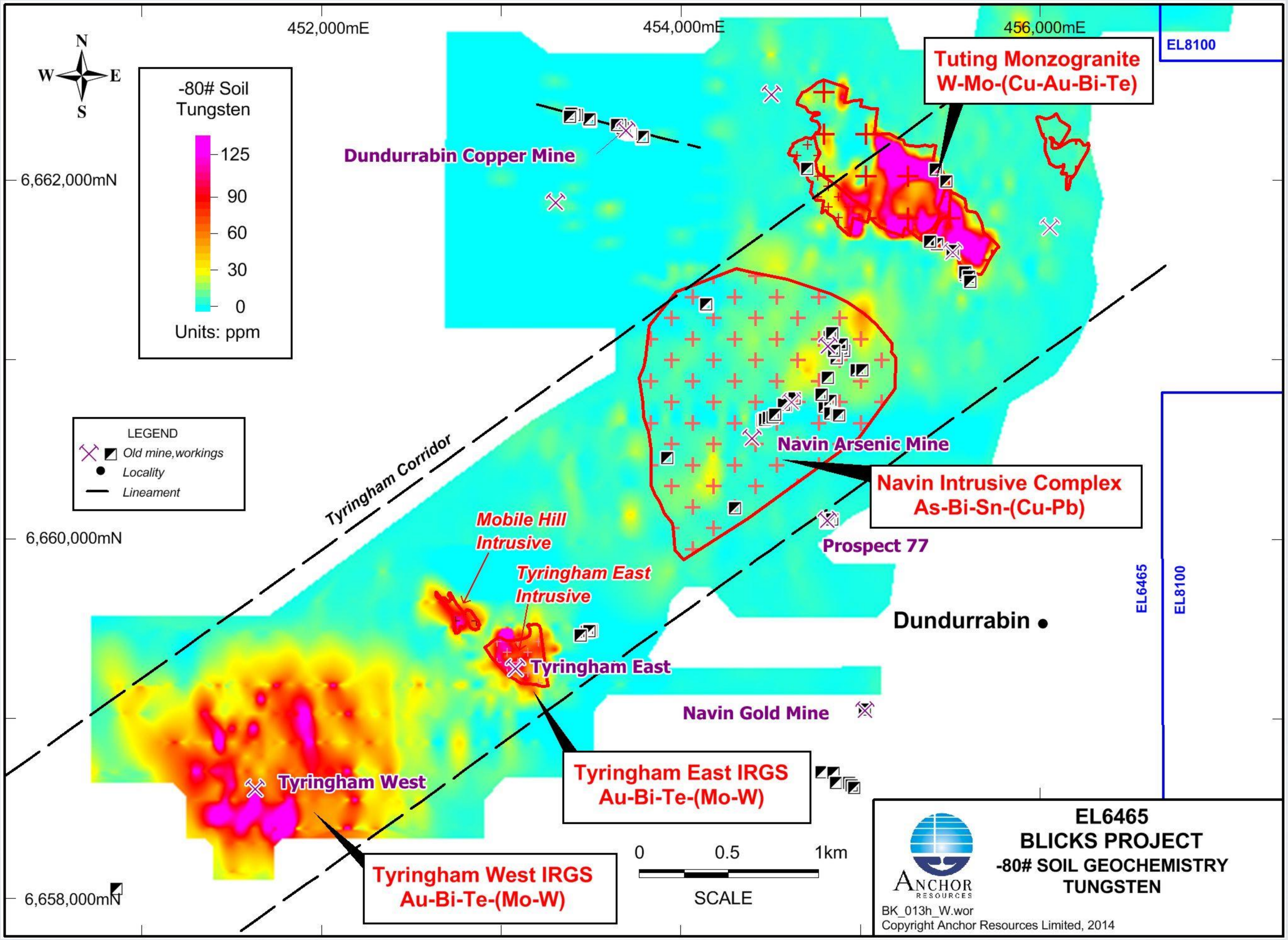
Gold Geochemistry



Bismuth Geochemistry



Tungsten Geochemistry

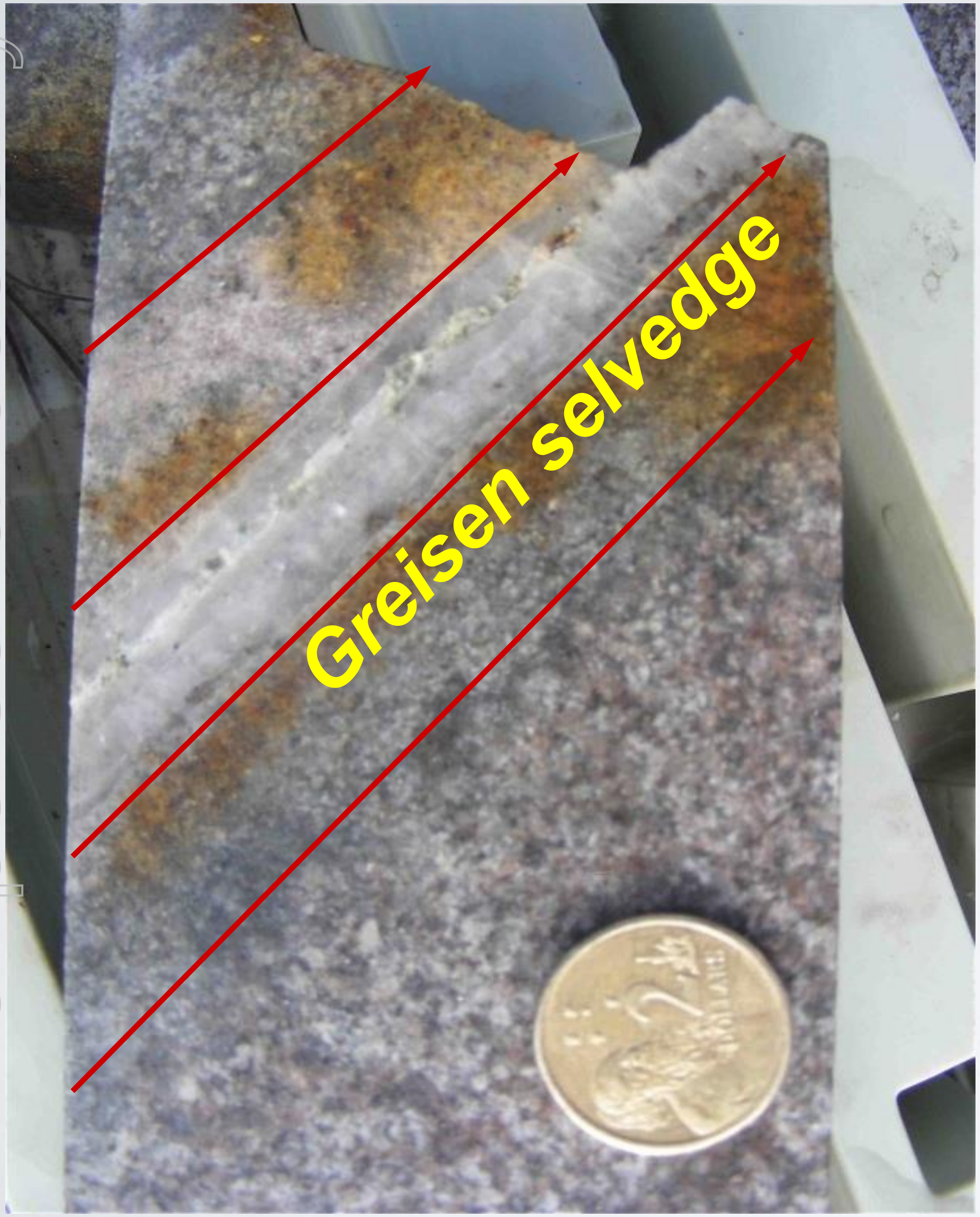


Au Pearson Correlation Coefficient

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

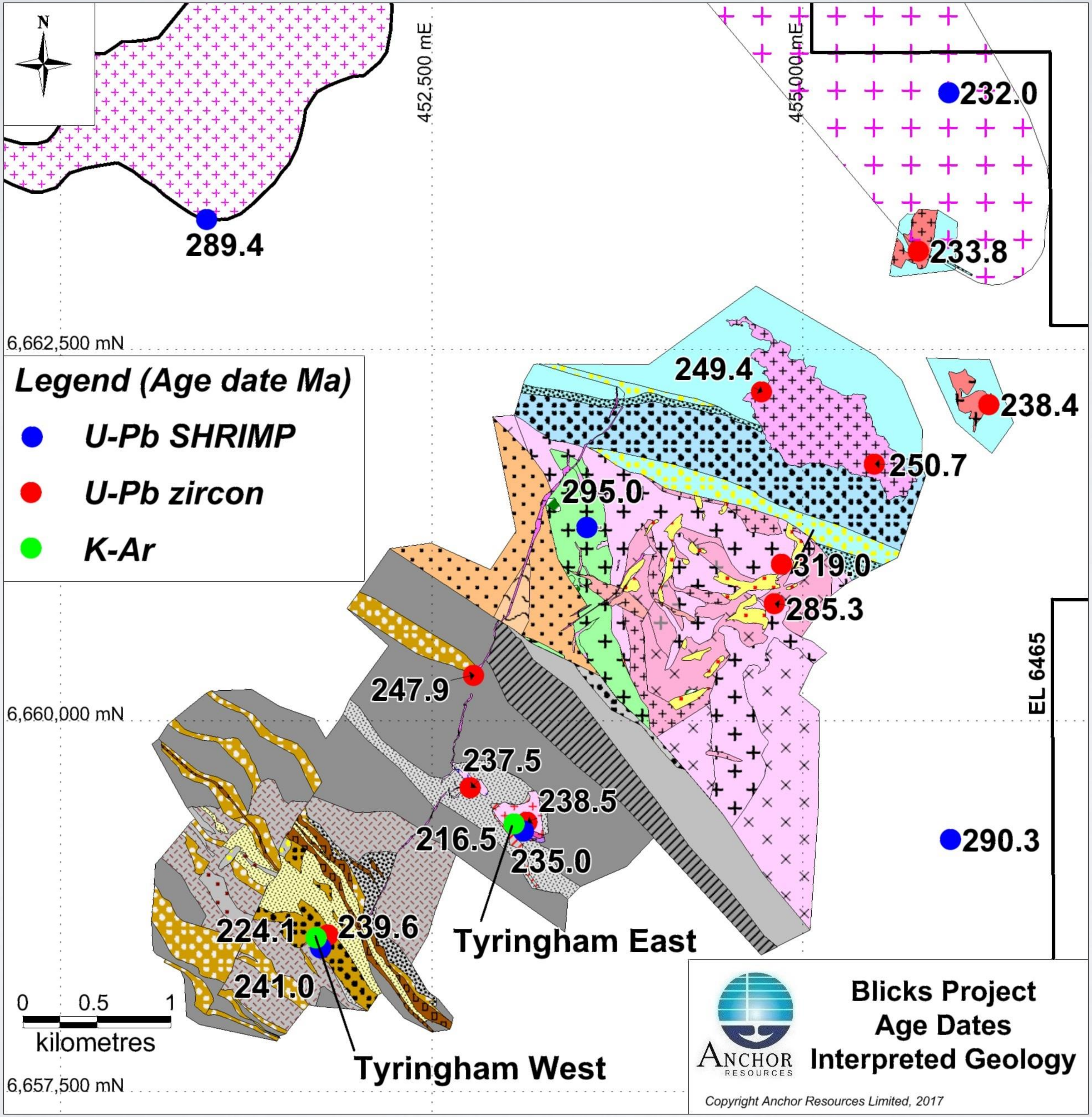
Age Dating - Quartz-greisen Vein



Courtesy Paul Ashley Petrographic and Geological Services, 2012

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

Age Dates – Critical for IRGS

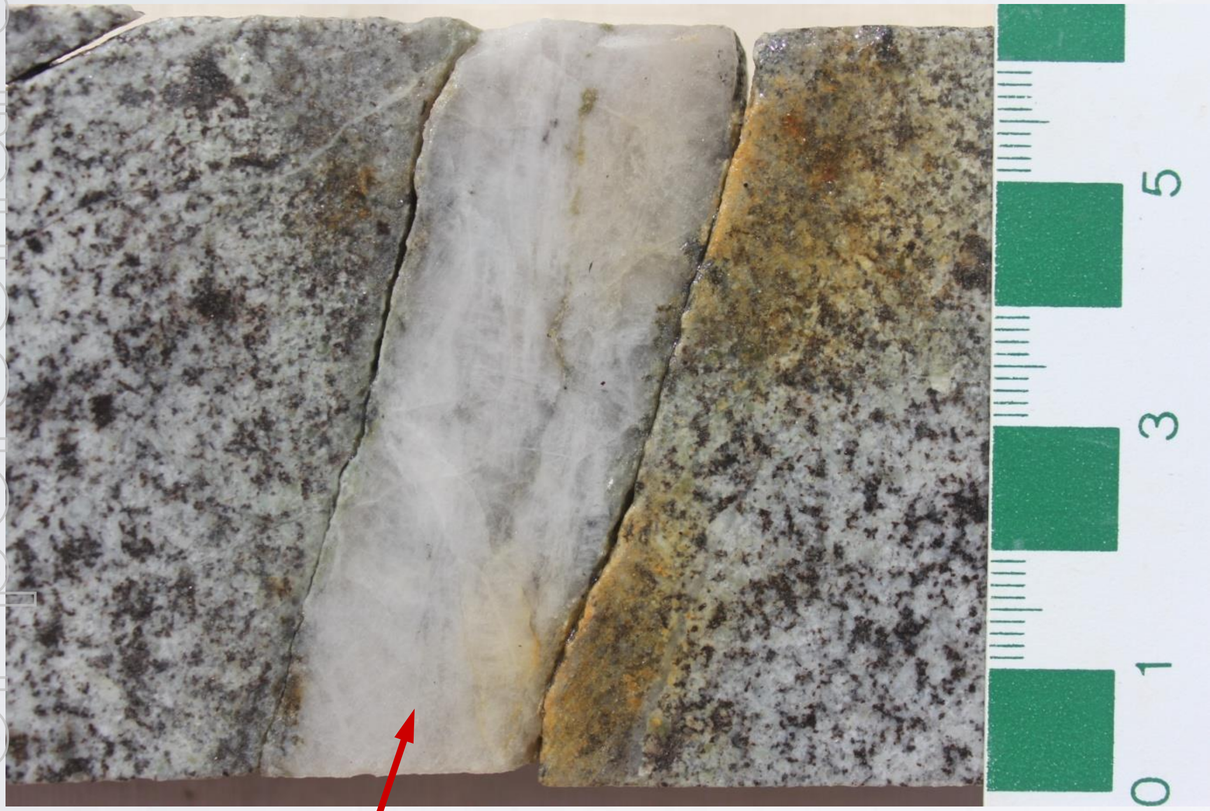


Multiple Veining Events

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

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

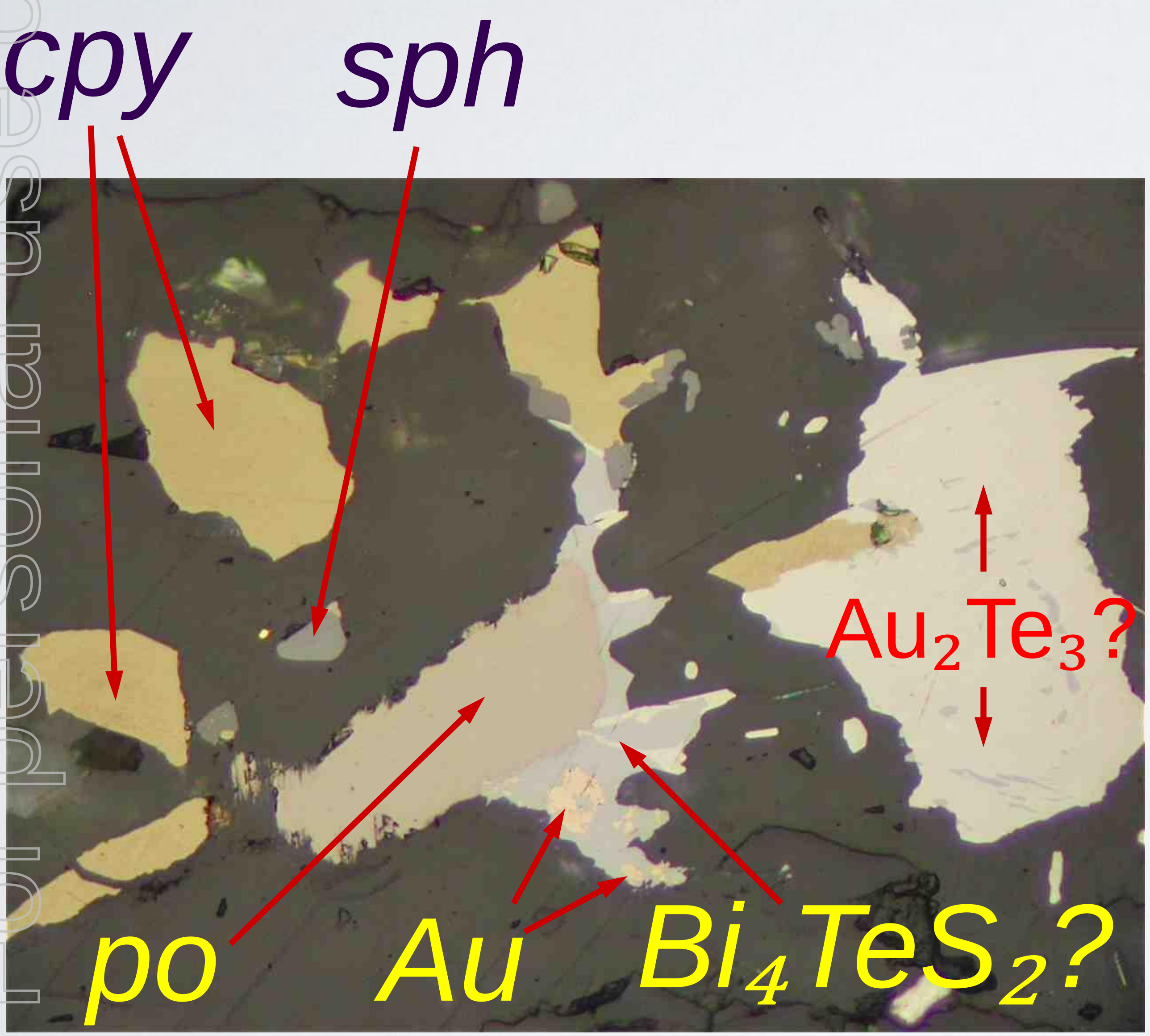
Tyringham East Niche Sampling



- **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

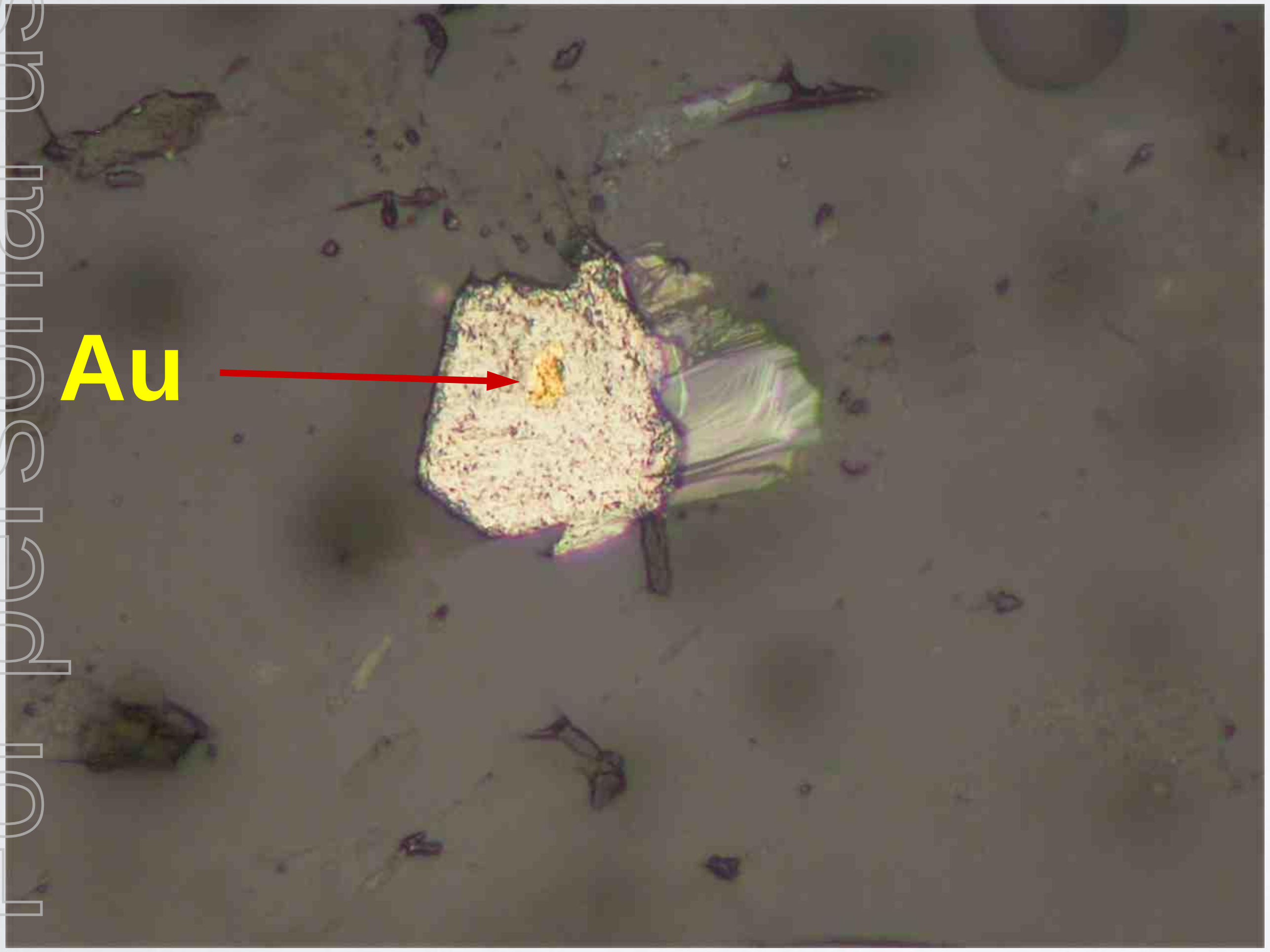


Au inclusion and ?Au-telluride

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

Courtesy Paul Ashley Petrographic and Geological Services, 2013a

Tyringham East Gold



Au inclusion in bismuth

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

Courtesy Paul Ashley Petrographic and Geological Services, 2013b

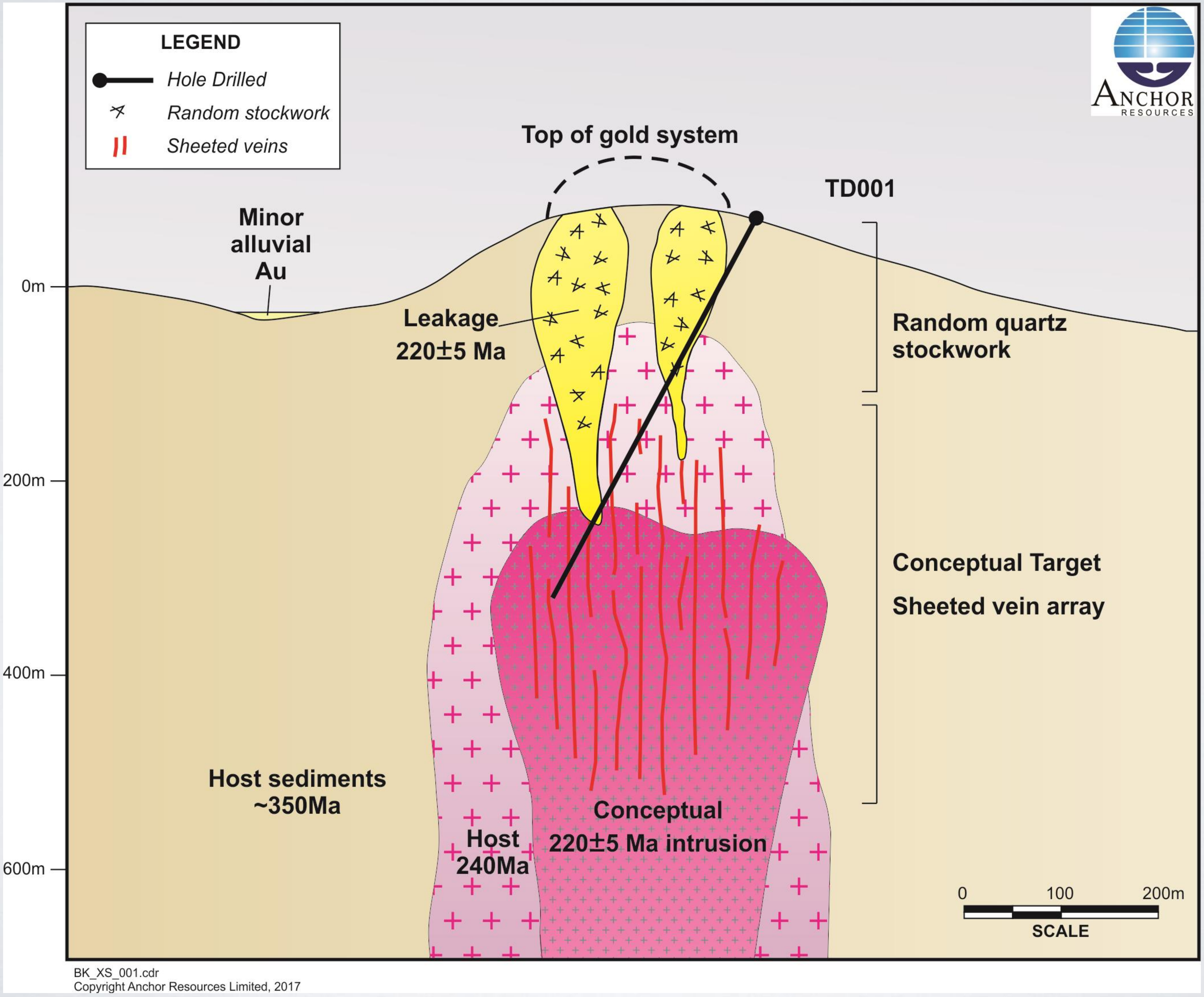
Tyringham Vector Analysis

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

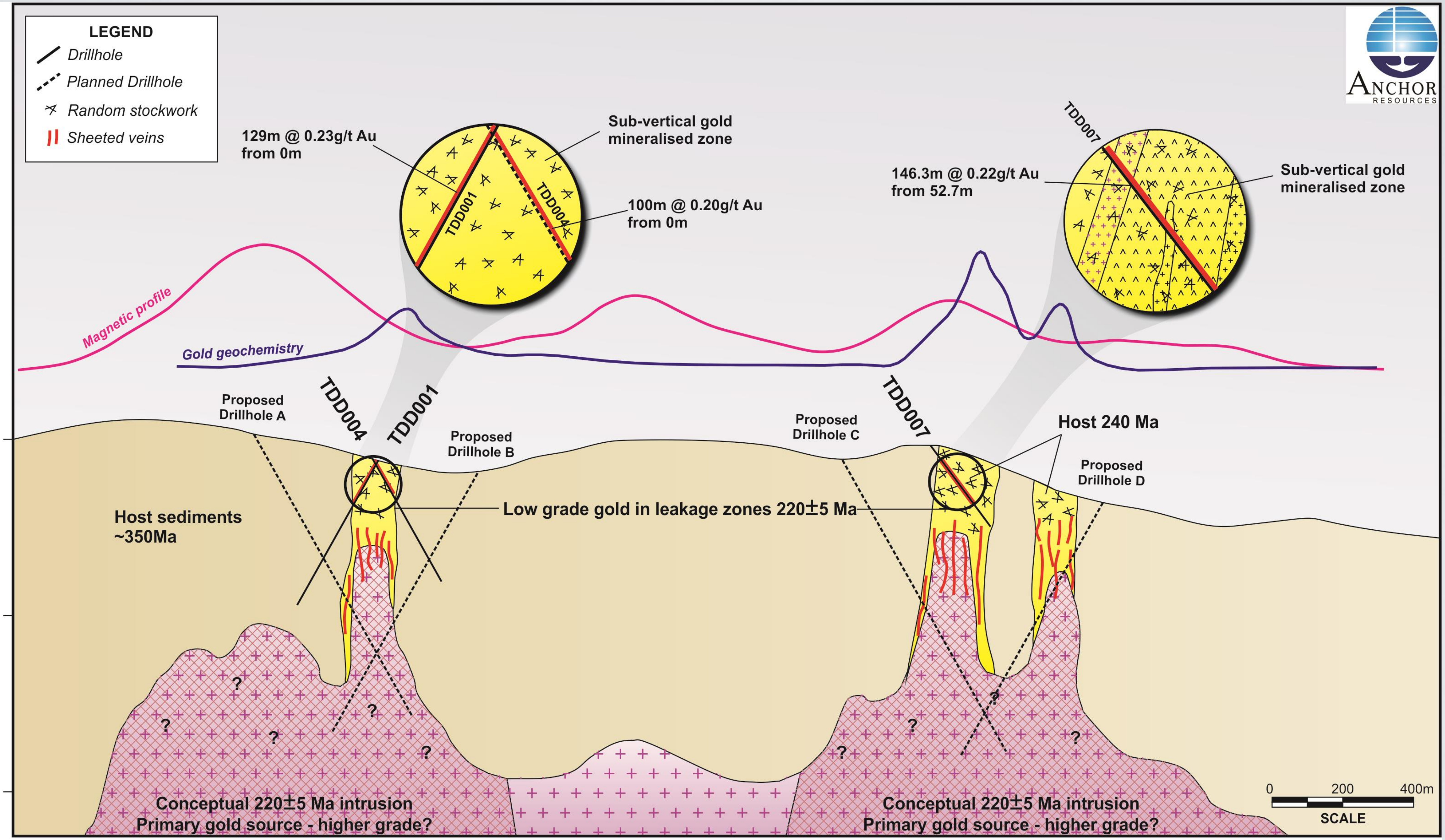
Hole ID	From m	To m	Interval m	Au g/t	Bi-Au Correlation r =	Bi:Au ratio	As-Au Correlation r =	As:Au ratio	Sb-Au Correlation r =	Sb:Au ratio
Tyringham West										
TDD-001	0.00	129.00	129.00	0.23	0.88	120:1	0.05	2,524:1	0.07	6.1:1
TDD-003	49.00	66.00	17.00	0.26	0.88	57:1	0.31	609:1	0.20	1.3:1
TDD-004	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

Flanigan et al., 2000

Tyringham Conceptual Model



Deeper Drilling Planned



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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.

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