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Central Victoria October Technical Talk

**Topic: “Central Victorian Goldfield Indicators” –
Stafford McKnight**



Thursday, 18 October 2018



7.00pm



The Mallow Hotel (upstairs)
20 Skipton Street
Ballarat



Cost: Free

**Pre-registration not
required. All welcome**

Cash Bar
Meals available

Ballarat Geology and the AusIMM Central Victoria branch invites you to a joint technical talk with guest speaker Stafford McKnight talking on “Central Victorian Goldfield Indicators”.

Stafford is a long-time lecturer in mineralogy, petrology and structural geology at Federation University. His main interests are in the application of x-ray diffraction and transmission electron microscopy techniques to mineralogy in general. His current research projects include lithium-tantalum-niobium (LCT) pegmatites of eastern Victoria and of course central Victorian goldfield historical “Indicators”. Stafford is an active consultant to the Australian mineral and ceramic industries.

In the eighteen seventies Ballarat hard rock miners discovered that certain persistent “favourable beds” with distinctive features, if followed were likely to lead to appreciably higher gold occurrences when intersected by quartz reef systems. These favourable beds or structures were termed “Indicators”. Considerable differences in the interpretation of the nature of these structures exist in both historical records and in more recent accounts.

A summary of the historical records will be presented together with research on around twenty samples of Ballarat and other goldfields Indicator samples.

There are some significant common characteristics and a puzzling common feature of Ballarat Indicators.

Several proposals on how Indicators could lead to or be associated with enhanced gold deposition will be presented for discussion.

Abstract, bio, past presentations and more info at :

www.ballaratgeology.wordpress.com

<https://www.facebook.com/Ballarat-Geology-1964889623834088/>

<https://themallow.com.au/>

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