



MEMORANDUM

675576

Bralorne
92J/15

CLASSIFICATION

TO
A

Dr CW Jefferson

YOUR FILE No.
Votre dossier

OUR FILE No.
Notre dossier

FROM
De

Dr KM Dawson

DATE

Sept 25/87

FOLD

SUBJECT
Sujet

Contribution to Divisional 'Highlights'.

Galena-Pb, zircon U-Pb and K-Ar isotope studies of Bralorne district gold veins have established that mineralization occurred episodically between 90 and 45 Ma coincident with the emplacement and cooling ~~up~~ of the eastern Coast Plutonic Complex, satellitic stocks and dykes. Lead in gold veins is interpreted to have been derived from ^{both} oceanic rocks of the accreted Bridge River terrane and arc rocks of the accreted Cadwallader terrane, but not from cratonal sediments.