

MEMORANDUM



**PASMINCO
EXPLORATION**

9th January 2001

TO Geoff Denton (Sirotope)
CC
FROM Terry Briggs
SUBJECT Pb Isotope Determination Samples 337025 – 337026

Geoff,

I have two samples from the Silver Falls prospect in western Tasmania for which I would like the Pb Isotopic values determined.

Sample No	Type	Drillhole	Depth	AMG Easting (collar)	AMG Northing (collar)	Description
337025	CORE	HRD1	200.80m	376985	5389180	Coarse Grained Sandstone, qtz-carb-gal veining.
337026	ROCK	-	-	376750	5389450	Pumiceous Breccia, qtz-carb-gal veining, Sericite - Silica alteration.

These samples were taken from an area that has had Pb Isotopic composition determined before and is aimed at determining the potential homogeneity of the values (CSIRO Exploration and Mining Report 299C – August 1996).

Please contact me if you have any further queries.

Thanking you,

Terry Briggs

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Terry

Below are the results from the Pb isotopic analysis of your samples from Silver Falls.

They have Cambrian initial ratios and have the same Pb isotopic composition.

The samples analysed in 1996 plotted between the Que River and Rosebery ellipses. Based on the precise nature of Pb isotopic compositions of Cambrian ores in the Dundas Trough measured to date, it was suggested that the Silver Falls mineralisation was homogeneous and probably more likely to be associated with the Que River event than Rosebery.

The Pb isotopic composition of 337025 and 337026 are consistent with these initial findings.

If you wish discuss these results further feel free to contact me.

Regards

Geoff Denton

Plot No.	Sample No.	$^{206}\text{Pb}/^{204}\text{Pb}$	$^{207}\text{Pb}/^{204}\text{Pb}$	$^{208}\text{Pb}/^{204}\text{Pb}$	Quality High=0 Low=9	AMG	Easting	Northing
1	337025	18.274	15.583	38.067	3	55	376985	5389180
2	337026	18.299	15.612	38.147	2	55	376750	5389450



