



FAX

VGS → METLA

TRANSMISSION

885362

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Facsimile No.: 604-684-9877

DATE: Mar. 18/04

TO: Tom Schoeter

COMPANY: KGB - PC

FAX No.: 604-775-0313

FROM: Dave Tupper

COMPANY: Solomon

PHONE No.: 604 669 6656

SUBJECT: Metla Pb-Isotope

COMMENTS:

Tom - sample R89 - 104 from
Metla (part of a suite of rocks
Laminar submitted for Pb-Isotope
work work that year).

- all may have been part of
regional program they had at the
time out of Telegraph Creek that
I think was run by Ian Patterson
- I will ask Mauer about other samples
when I see him.

Cheer's Dave Tupper

Number of Pages including cover sheet: _____
(If you do not receive all pages, please call 604-684-2822)



DWT

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METLA 189-9R

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*      LEAD ISOTOPIC ANALYSES
*
*      for
*
*      COMINCO LTD.
*
*      Exploration Research Laboratory
*      P.O. 89011 and P.O. 89023
*
*      May 1989
*
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GENERAL COMMENTS

On the following pages, the results of the lead isotopic analyses of your samples (P.O. 89011 and P.O. 89023) are summarized in tabular form and graphically represented on a standard Pb^{207}/Pb^{204} vs Pb^{206}/Pb^{204} common lead diagram. The data points are plotted using 2 sigma reproducibility error ellipses. Stacey and Kramers lead growth curve for the average Crust is shown on the diagram for reference.

Since we do not have a formal knowledge of the sample inter-relationship or their origin no attempt was made to group or statistically regress the data.

The analyses were performed on clean galena grains, carefully picked out from the bulk material supplied by you. All of the analyses proceeded well and without any difficulty, except the analyses on samples R89-829, R89-831, R89-832 and R89-130. These specimens were analyzed as "trace leads" due to the fine grain texture and inability to separate clean galena crystals. As such different, more involved lead separation procedure was required.

Presented results have been corrected for fractionation bias and the standard reproducibility errors, associated with these results are given below:

	Pb^{204}/Pb^{206}	Pb^{207}/Pb^{206}	Pb^{208}/Pb^{206}
1 sigma error:	0.024%	0.031%	0.035%

Fractionation correction factors and the standard reproducibility errors were derived from a large number of repeated measurements of the NBS SRM 981 Common lead standard, performed at regular intervals in our laboratory.

COMINCO LTD 1989 (1)

Lead Isotope Data

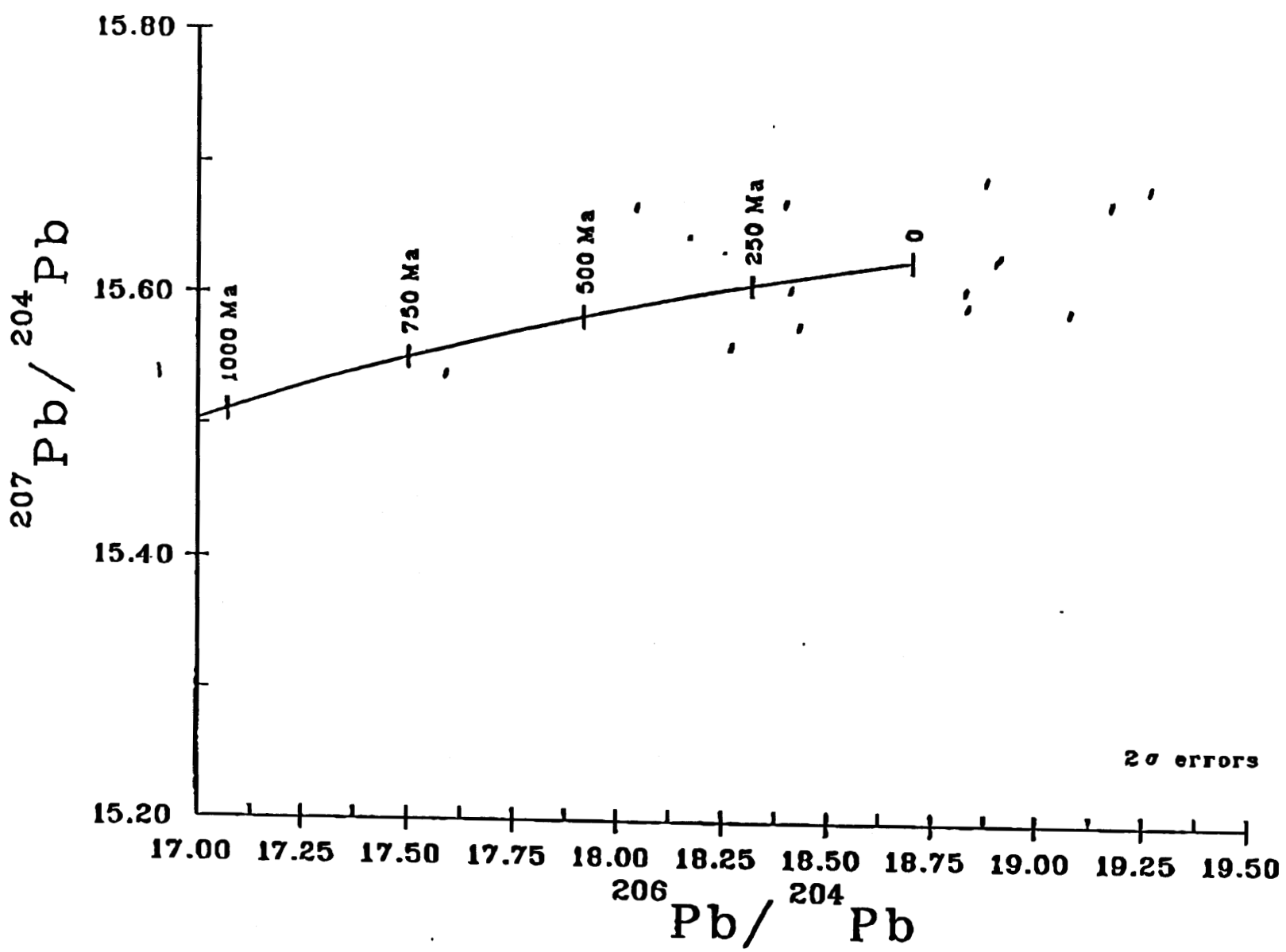
<u>No.</u>	<u>206Pb</u> <u>204Pb</u>	<u>207Pb</u> <u>204Pb</u>	<u>208Pb</u> <u>204Pb</u>	<u>SAMPLE I.D.</u>
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Galena lead analyses

1	18.044	15.669	38.274	R89-1505
2	19.080	15.591	38.257	R89-1047
3	18.902	15.630	38.570	R89-828
4	18.828	15.606	38.477	R89-830
5	18.396	15.673	38.575	R89-832
6	18.834	15.594	38.338	R89-834
7	19.270	15.686	39.432	R89-835
8	19.177	15.674	39.336	R89-836
9	17.590	15.539	38.060	R89-837
10	18.410	15.606	39.247	R89-838

"Trace lead analyses"

1	18.431	15.578	38.183	R89-829
2	18.911	15.633	38.581	R89-831
3	18.875	15.691	38.590	R89-833
4	18.270	15.562	37.959	R89-130



COMINCO Pb/Pb ISOTOPE DATA

S. & K.



BRITISH COLUMBIA

Ministry of Energy and Mines
Energy and Minerals Division
Geological Survey Branch

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FAXED

FAX SHEET

Mineral Development Office

Date:	Mar. 18/04	Time:	1:30 pm 4:55 pm	Total Pages (incl. cover):	6
→	TO:	Jim Logan			
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→	FROM:	Tom G. Schroeter, P. Eng. Senior Regional Geologist Phone: (604) 660-2812 Fax: (604) 775-0313			
→	cc:				
→	ACTION:	<input type="checkbox"/> In response to your request <input type="checkbox"/> For your action <input type="checkbox"/> For your information <input type="checkbox"/> For distribution <input type="checkbox"/> For approval <input checked="" type="checkbox"/> For comment			
→		<input type="checkbox"/> Urgent	<input checked="" type="checkbox"/> Confidential		

COMMENTS: Re: METZA Property (Solomon Res.)

I visited this property in 1991 - got lots of samples & photos. Attached is some Pb-isotope data done by Cominco (previous owners). Suspect host rocks include: ① Permian(?) sed. (argillites, cherts); ② Stuhlii vol canics ~~met.~~ plus hydrothermal bx. comments?