



Energy, Mines and
Resources Canada
Geological Survey of Canada
100 West Pender, Vancouver
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Énergie, Mines et
Ressources Canada
Commission géologique du Canada
100 ouest, rue Pender, Vancouver
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676040
Windy Craggy
114P/13

Your file Votre référence

Our file Notre référence

Jon M Peter
Dept of Geology
Univ of Toronto
Toronto Ontario M5S 1A1

Dec 16/87

Dear Jon:

In response to your request I'm enclosing Pb isotope ratios from two sphalerites collected from Windy Craggy drill core. A third specimen of sphalerite from the Au-rich zone did not contain sufficient galena.

I've enclosed a copy of a letter to John Grammer with a plot of the Windy Craggy galena Pb isotopes, some other related data, and some of Zartman's data. If you publish these Pb isotopes, please acknowledge the source, and that they were run by George Cumming, George Concolanto, Edmonton.

You may wish to contact Stan Church, USGS Denver for some of his data on Pb isotopes in SE Alaska - most of which is published. Get a copy of Goldwin's Pb file.

I would be very interested in your comparative studies. Please keep me informed as research progresses.

Good luck

Kenneth M. Dawson

Canada

Dear
Dr. K. M. Dawson:

Nov 27/87.

Please excuse the handwritten scrawl,
but I am currently away from "home base"
and not near a word processor.

As I may have mentioned to you on the
phone several months ago, I am currently
assembling my Ph.D. proposal: "Origin of
massive sulfides in sedimented submarine

rifts: evidence from the modern seafloor
and the ancient geological record."

Part of my research will deal with a $\delta^{34}\text{S}$
isotopic study of massive sulfides ^{& host rocks} from
Guaymas Basin, Gulf of California,

Shimokawa mine, Hokkaido, Japan (a
relatively unmetamorphosed Besshi-type deposit)

and Windy Craggy, B.C. I will perform
all analyses myself under close

supervision of Ron Farguhar, here at
U. of Toronto.

I understand that you had 2 sulfide samples from Windy Craggy analyzed for Pb isotopes in 1982.

Would it be possible for ~~me~~^{you} to send me the results? I would understandably not publish or present the data, & they would be just for me to look at.

They would be useful for ~~a~~ comparative purposes and would possibly guide my sampling rationale and plan of attack with the Windy Craggy deposit.

Many thanks ^{in advance} for your attention to this matter, I greatly appreciate it.

I'd love to have a chat with you about Windy-Craggy geology sometime when I'm back out in Van.

Kindest Regards,

Jan Peter
JAN PETER

P.S. If you have any questions,
please do not hesitate to write or
call me at 416 978-5424 (Steve Scott's #)

my HOME # is (416) 769-8297,

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