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ARANLEE RESOURCES LTD

PROPERTY FILE

FACSIMILE TRANSMISSION

TO: ROBERT PINSENT

DATE: 12/6/92

ARANLEE RESOURCES,  
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TOTAL NO. OF PAGES: 7

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MESSAGE

FROM: KOENRAAD

ROBERT,

ENCLOSED RESULTS OF

ISOTYPE WORK ON QUET PROPERTY.

I LOOK FORWARD TO DISCUSSING  
IT WITH YOU.

I WILL GIVE YOU A CALL  
NEXT WEEK.

REGARDS,

Koenraad

THE UNIVERSITY OF BRITISH COLUMBIA  
Department of Geological Sciences  
Vancouver, B.C. V6T 1Z4  
May 1, 1992

~~007300~~

Mr. Koenraad Verbruggen, Geologist  
Aranlec Resources Ltd.  
548 Beatty Street  
Vancouver, B.C. V6B 2L3

PROPERTY FILE

Dear Koenraad:

RE: GALENA PB ISOTOPE ANALYSES FOR THE QUET PROPERTY  
MAP SHEET 092G

Please find enclosed with this letter, four lead isotope plots, a table detailing the Quet results and an invoice for \$1000.

Looking at the plots it appears that galena lead isotopes from the Quet property are more radiogenic than the volcanogenic lead associated with Gambier Group and Harrison Lake deposits. The lead is very similar to lead from the Mayflower deposit ('+' on graphs) that is nearby, and is slightly less radiogenic (in  $^{206}\text{Pb}/^{204}\text{Pb}$ ) than the Tertiary Doctor's Point galena ('8' on graphs).

Compared to lead associated with plutons, the lead is primitive. This is characteristic of plutogenic lead associated with gold deposition (e.g. Hedley, Copper Mtn., Mt. Milligan, Island Copper and Doctor's Point). The second set of graphs have these gold deposits plotted with your data-- the Quet isotope signature is identical to Nickel Plate.

In summary, the lead is probably epigenetic and Cretaceous, similar in age to its Fire Lake host rock. The lead has a plutogenic and gold-associated signature.

Yours very truly



Colin I. Godwin, PhD, PEng(BC)

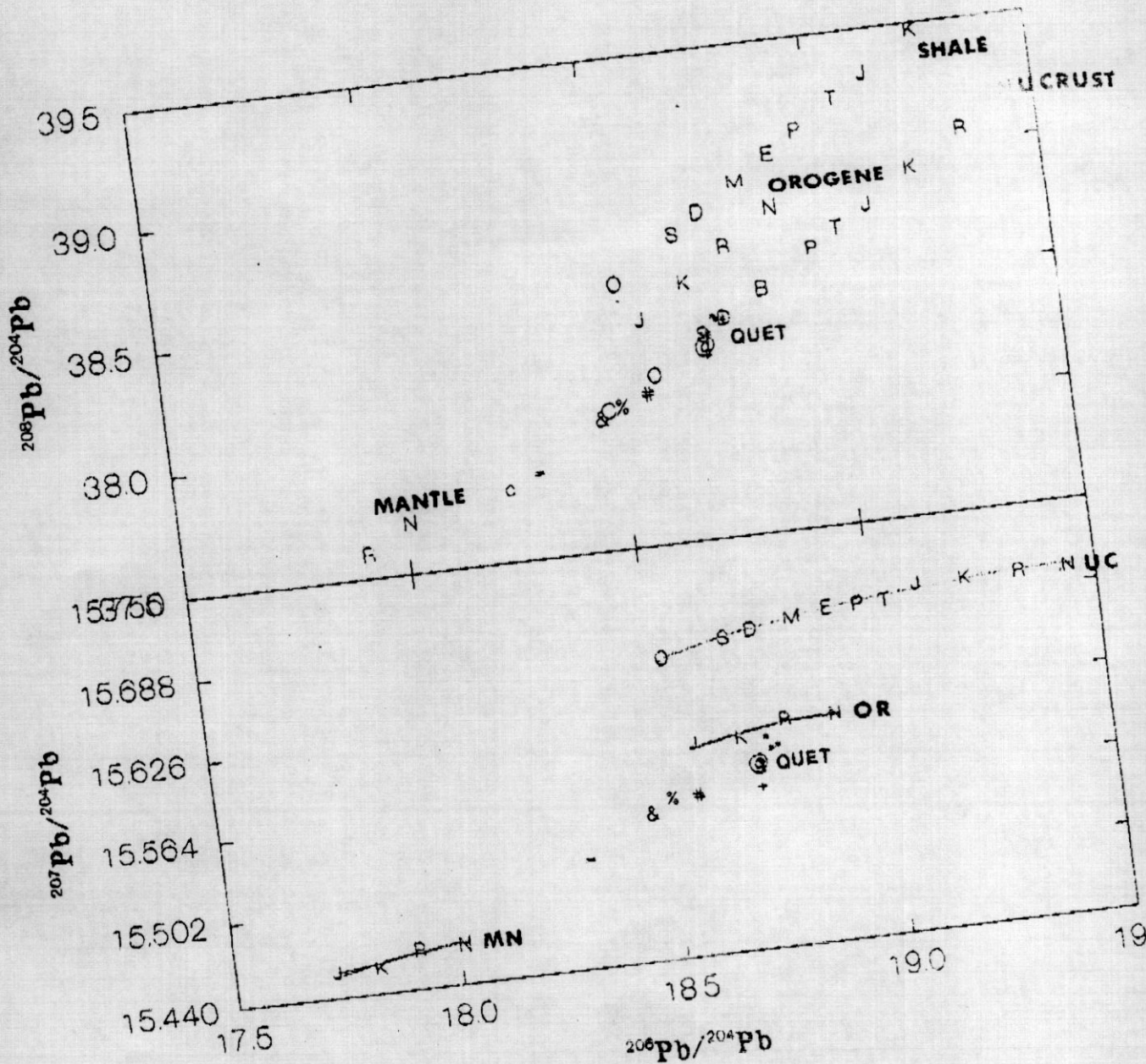
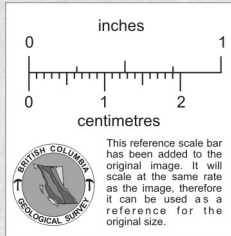
Professor

PHONE: (604)822-2804 O; (604)421-4654 H

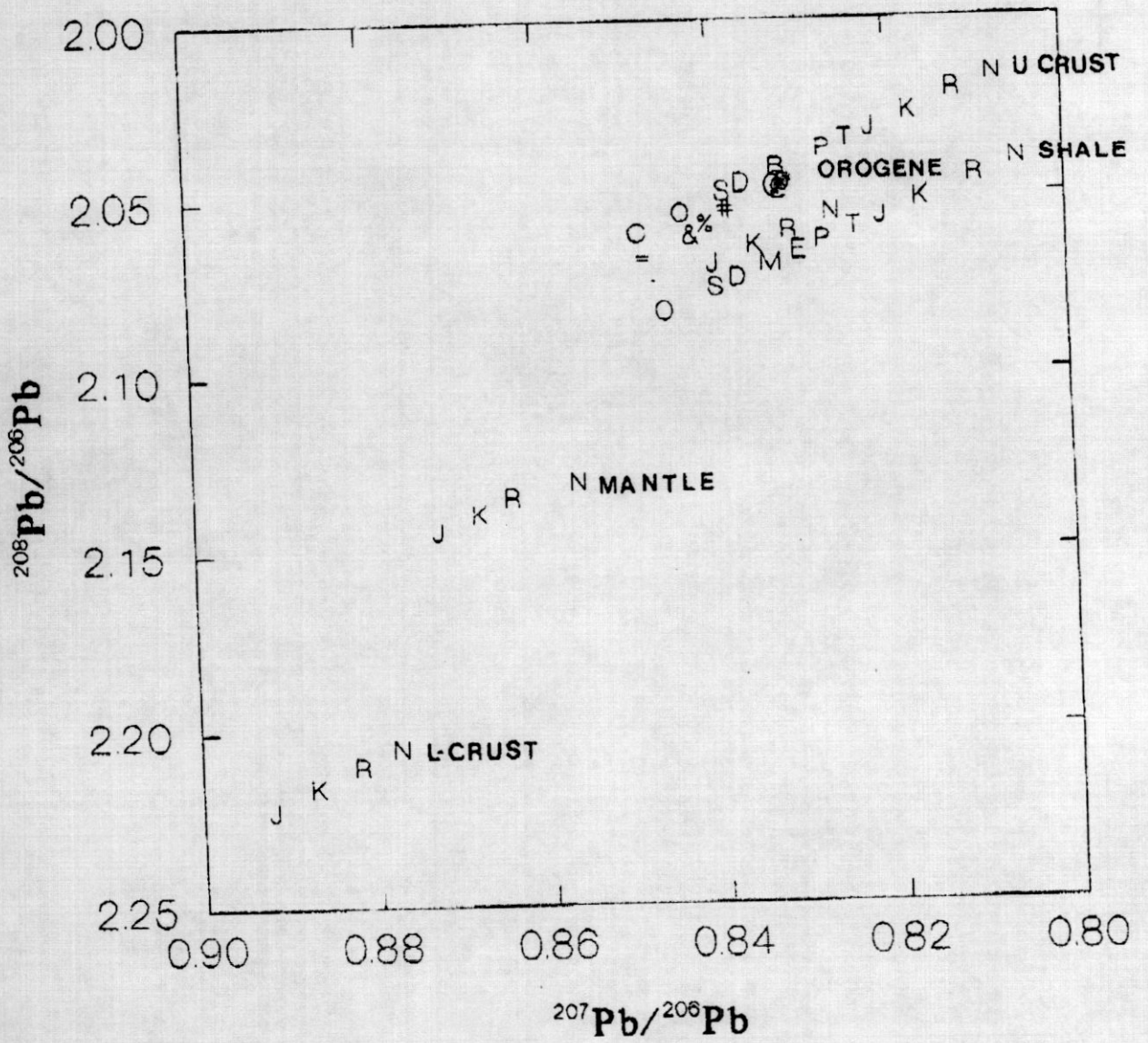
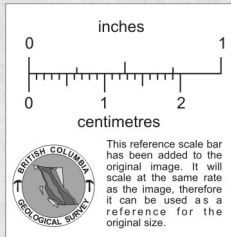
FAX: (604)822-6088

Copy: Anne Pickering  
Enc.

- QUET
- + MAYFLOWER
- ⊙ Pluton Avg (late)
- # Pluton Avg (Early)
- % Volcanogenic Average (Late)
- Vcic Avg (mid)
- = Vcic Avg (early)

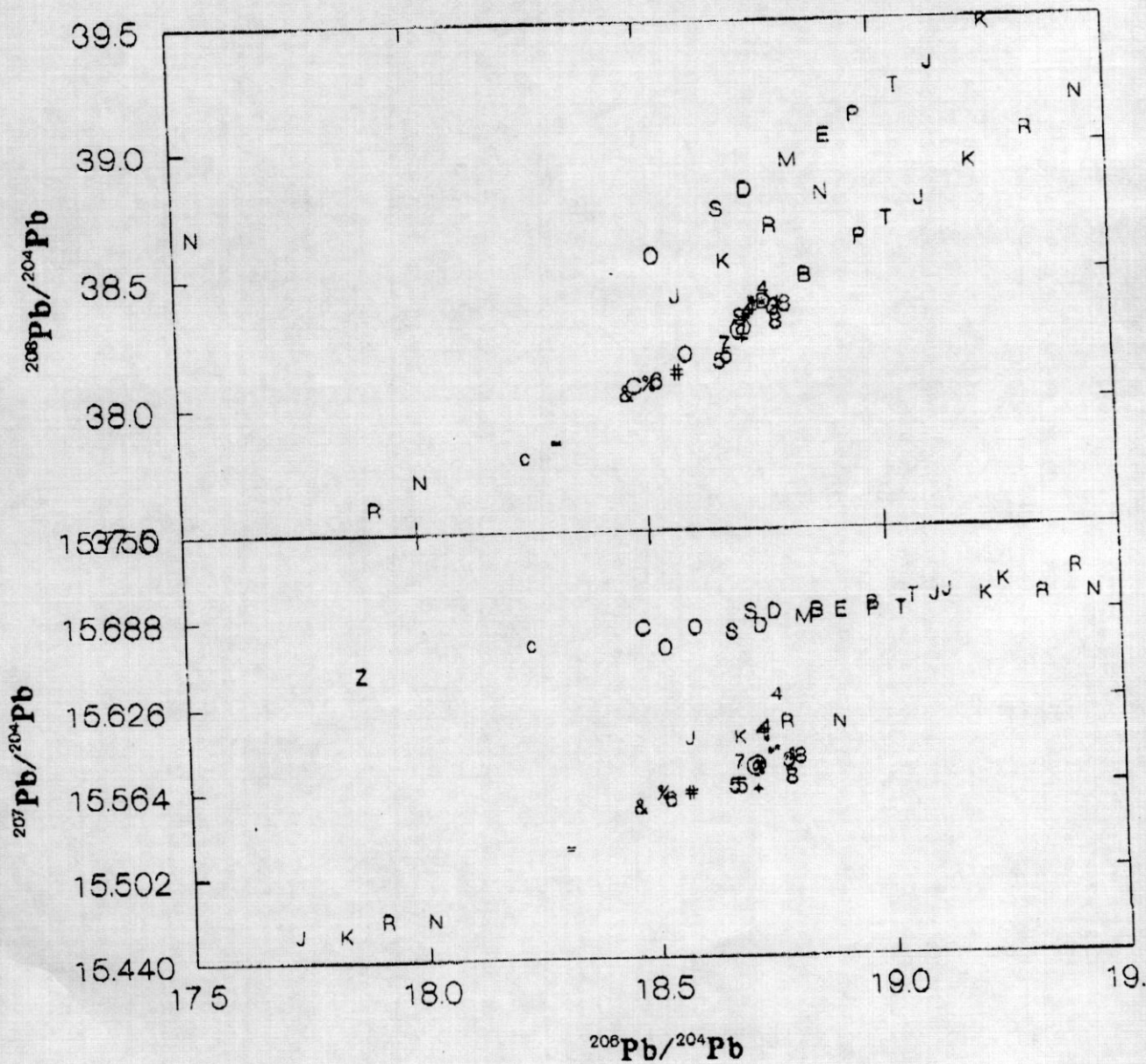
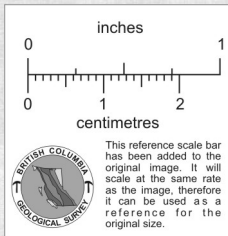








1. S.M. (092H/07E)
2. Marion (092H/07W)
3. Metcalf (092H/07E)
4. Nickel Plate (092H/08E)
5. Copper Mountain (092H/07E)
8. Docue's Point (092H/12W)



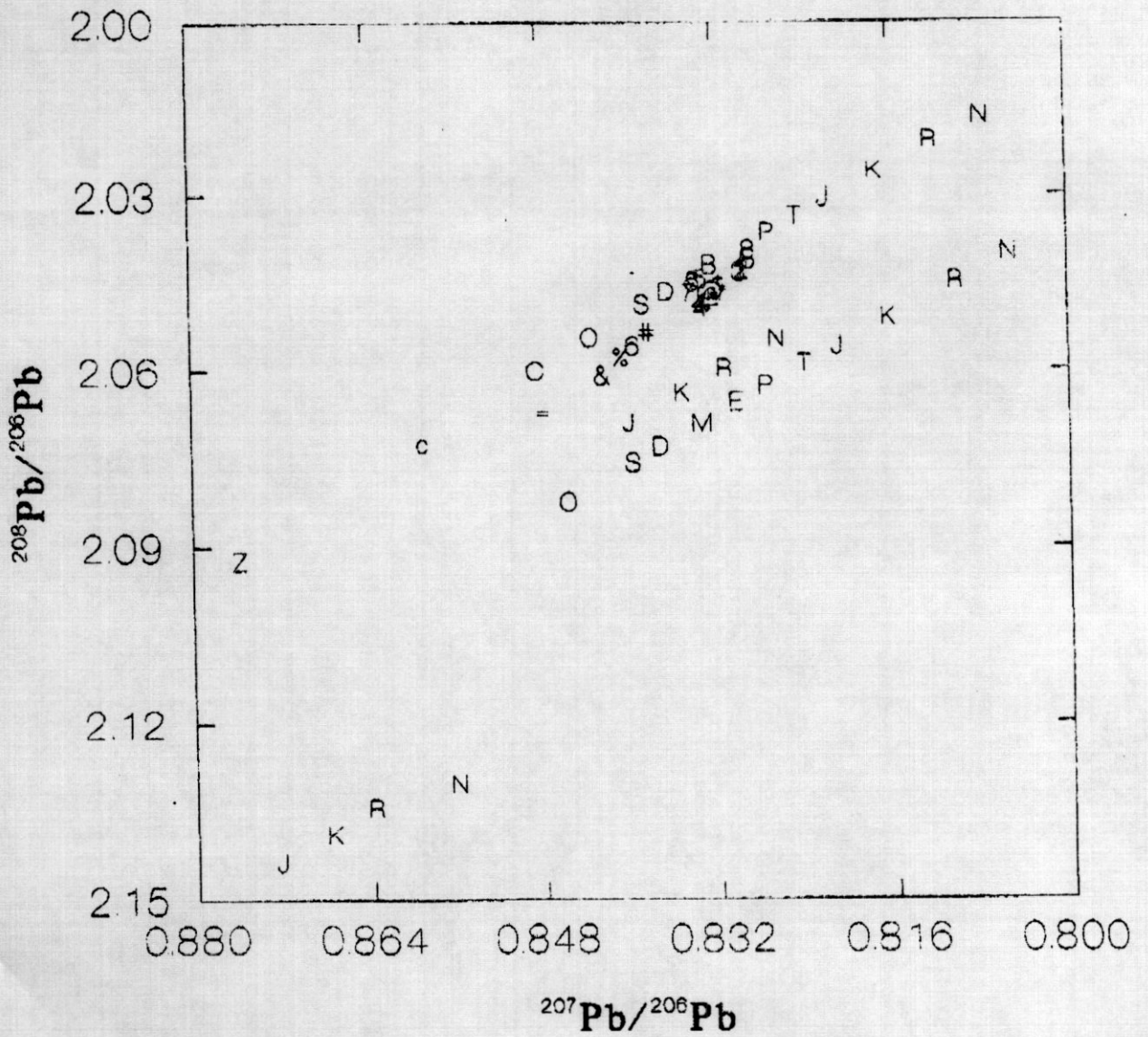
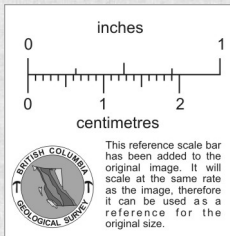


TABLE 1. Galena lead isotopes from the Quet Property, Arapaho Resources. All analyses have been normalized to the National Bureau of Standard sample NBS981 with accepted values (absolute error) of  $^{206}\text{Pb}/^{204}\text{Pb} = 16.937$  (0.001);  $^{207}\text{Pb}/^{204}\text{Pb} = 15.493$  (0.001);  $^{208}\text{Pb}/^{206}\text{Pb} = 36.705$  (0.004);  $^{207}\text{Pb}/^{206}\text{Pb} = 0.91470$  (0.000003);  $^{208}\text{Pb}/^{206}\text{Pb} = 671$  (0.0001). All analyses performed by Anne Pickering, Geochronology Lab, UBC.

LAB NUMBER <sup>1</sup>	DEPOSIT NAME	$^{206}\text{Pb}/^{204}\text{Pb}$ (er%)	$^{207}\text{Pb}/^{204}\text{Pb}$ (er%)	$^{206}\text{Pb}/^{204}\text{Pb}$ (er%)	$^{207}\text{Pb}/^{206}\text{Pb}$ (%)	$^{208}\text{Pb}/^{206}\text{Pb}$
<b><u>QUET PROPERTY</u></b>						
<b><u>Dan's showing</u></b>						
31011-004A	Sample A	18.757 (0.01)	15.590 (0.02)	38.380 (0.02)	0.83118 (0.01)	2.0462 (0.01)
<b><u>Trench 6, 1400 Zone</u></b>						
31011-005A1	Sample B	18.720 (0.06)	15.573 (0.06)	38.329 (0.06)	0.83186 (0.01)	2.0474 (0.01)
31011-005A2	Sample B	18.742 (0.02)	15.588 (0.02)	38.379 (0.02)	0.83175 (0.01)	2.0478 (0.01)
<b><u>DDH NQ90-3, 1100 Zone</u></b>						
31011-006A1	Sample C	18.734 (0.23)	15.597 (0.22)	38.393 (0.23)	0.83256 (0.04)	2.0494 (0.01)
31011-006A2	Sample C	18.717 (0.02)	15.577 (0.02)	38.318 (0.02)	0.83224 (0.01)	2.0472 (0.01)
<b><u>Simpson Creek Showing</u></b>						
31011-007A	Sample D	18.721 (0.01)	15.579 (0.02)	38.327 (0.02)	0.83217 (0.01)	2.0473 (0.01)
<b><u>MAYFLOWER</u></b>						
Sample analyzed by Janet Gabites, 1985						
30622-001A	CB-100	18.712 (0.02)	15.561 (0.01)	38.249 (0.02)	0.8316 (0.01)	2.0442 (0.01)