



Energy, Mines and  
Resources Canada  
Geological Survey of Canada  
100 West Pender, Vancouver  
V6B 1R8

Énergie, Mines et  
Ressources Canada  
Commission géologique du Canada  
100, ouest rue Pender, Vancouver  
V6B 1R8

675957

104P/4

Your file    Votre référence

Our file    Notre référence

Dale Sketchley

UBC Dept of Geol. Sciences

Vancouver BC V6T 2B4

Dear Dale:

Enclosed is a report by Mike Orchard on  
insects from the Leichen area. The GSC  
number is first, my field no (D4.....) is second.  
Location & lat-long data are given. One locality  
in the Plaza Pit yielded late Middle Norian (late  
Triassic) fauna, one locality, 5 specimens in  
Loog Ck yielded late Tournaisian (early Miss) as the  
most precise age. You should quote the enclosed  
unpublished report as "M.J Orchard & K.M Dawson,  
1986, written communication". The Plaza Pit Norian  
fauna is anomalously young for the Sylvester, and  
has not been confirmed by subsequent sampling,  
although some specimens are still being processed.

Refer to Norm (GSCP. 85-1B p 341-344) (GSCP. 84-1A p 109)  
(GSCP. 85-1A p 301) for additional info.

Canada

Best regards

Kenneth M Dawson

4 <GSC>C-103518  
<fld>K.M. Dawson, 1983; CDY2581  
<NTS>104P/04, McDame  
<l,l>59o13', 129o49'  
<UTM>9:  
<geo>Erickson Gold; Plaza pit  
<sr>Sylvester Group  
<fm>

<mb>  
<str>grey limestone, 100 m above greenstone/argillite contact.  
<lth>  
<wt>2.582 ks  
<trn>

<fos>  
<con>Episondolella n. sp. D of Orchard, 1983 (\*6)  
<con2>Neosondolella sp. (\*3)  
ramiform elements (\*20)

<CAI>5  
<sys>Late Triassic;  
<ser>late Middle Norian  
<zn>

<dte>10/03/86  
<ref>  
<rm>Probable age specified as Mississippian  
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<GSC>C-103507  
<fld>K.M. Dawson, 1983; CDY2819  
<NTS>104P/4, McDame  
<l,l>59o14'00", 129o47'00"  
<UTM>9:  
<geo>Lans Creek  
<sr>Sylvester Group, 500' downstream from MS o/c  
<fm>

<mb>  
<str>MS horizon near base  
<lth>  
<wt>4.063 ks (less)  
<trn>

<fos>  
<con>'Bispathodus'? sp. (2)  
<con2>Dilioanathus? sp. (1)  
ramiform elements (\*50)

<CAI>5  
<sys>Early Carboniferous;  
<ser>probably Tournaisian  
<zn>

<dte>10/03/86  
<ref>  
<rm>mostly fragments  
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<GSC>C-103508  
<fld>K.M. Dawson, 1983; CDY2820  
<NTS>104P/4, McDame  
<l,l>59o14'00", 129o47'00"  
<UTM>9:  
<geo>Lans Creek, 750' downstream from MS c/c.  
<sr>Sylvester Group  
<fm>

<mb>  
<str>MS horizon  
<lth>  
<wt>4.998 ks (less)  
<trn>

<fos>  
<con>'Bispathodus'? sp.  
<con2>'Hindeodella' sesaformis Bischoff?  
ramiform elements

<CAI>5  
<sys>Early Carboniferous;  
<ser>late Tournaisian  
<zn>

<dte>10/03/86  
<ref>  
<rm>All fragments. 'H.' sesaformis seen but not picked.  
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<GSC>C-103509  
<fld>K.M. Dawson, 1983; CDY2821  
<NTS>104P/4, McDame  
<l,l>59o14'00", 129o47'00"  
<UTM>9:  
<geo>Lans Creek, about 1000' downstream from MS c/c.  
<sr>Sylvester Group

<CAI>5  
<sys>Early Carboniferous;  
<ser>late Tournaisian  
<zn>  
<dte>10/03/86  
<ref>  
<rm>All fragments. 'H.' sesaformis seen but not picked.  
<>

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<GSC>C-103509  
<fld>K.M. Dawson, 1983; CDY2821  
<NTS>104P/4, McDame  
<l,l>59o14'00", 129o47'00"  
<UTM>9;  
<geo>Lans Creek, about 1000' downstream from MS c/c.  
<sp>Sylvester Group  
<fm>

<mb>  
<str>MS near base  
<lth>  
<wt>3.822 kg (less)  
<trn>

<fos>  
<con>'Bispathodus'? sp.  
<con2>Polygnathus sp.  
ramiform elements  
<CAI>5

<sys>Early Carboniferous;  
<ser>Tournaisian  
<zn>

<dte>10/03/86  
<ref>  
<rm>All fragments  
<>

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<GSC>C-081700  
<fld>K.M. Dawson, 1982; 82DY-2248  
<NTS>104P/4, McDame  
<l,l>59o13', 129o39'  
<UTM>9;  
<geo>Lans Creek  
<sp>Sylvester(?) Group  
<fm>

<mb>  
<str>Base of Sylvester?  
<lth>  
<wt>3.150 kg  
<trn>

<fos>  
<con>'Bispathodus'? sp.  
<con2>Hindeodus sp.  
<CAI>5

<sys>Early Carboniferous  
<ser>  
<zn>

<dte>10/03/86  
<ref>  
<rm>All fragments  
<>

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<GSC>C-102519  
<fld>K.M. Dawson, 1982; 82DY-2249  
<NTS>104P/4, McDame  
<l,l>59o13', 129o39'  
<UTM>9;  
<geo>Lans Creek  
<sp>Sylvester(?) Group  
<fm>

<mb>  
<str>  
<lth>  
<wt>4050 kg less 1.700 kg = 2.800 kg remaining  
<trn>

<fos>  
<con>'Bispathodus'? sp.  
<con2>Hindeodus sp.  
<CAI>5

<sys>Early Carboniferous  
<ser>  
<zn>

<dte>10/03/86  
<ref>  
<rm>All fragments  
<>