Fossil Occurrences in the Metaline Fm.

The fossiliferous upper 130m of the lower bedded member of the Metaline Fm.:

130 m, top of the section, bedded dark bioclastic limestone with shale laminae a few *Ptarmiganoides*, and *Gogia*.

105 m Shale with thin limestone interbeds, *Kootenia* sp. in limestone, (five pair of pygidial spines), also *Ptarmiganoides* in some limestone and shale.

101 m bedded dark bioclastic limestone with shale laminae, some containing *Paralbertella bosworthi* and *Elrathina*. *Ptarmiganoides*, and *Gogia*, are found in limestone. Also found in the 60 m to 80 m level are *Chancia*, *Chanciopsis*, *Elrathina*, *Gogia*, *Kootenia dawsoni*, *Poliella?,* *Plagiura*, *Ptarmigania*, *Ptarmiganoides*, *Yohoaspis*, and *Zacanthoides alatus*.

55 m bedded shale with limestone interbedding with *Ptarmiganoides*, *Paralbertella bosworthi* and *Zancanthoides atlatus*?.

40 m bedded dark limestone with shale interbedding with *Ptarmiganoides* and *Zacanthoides alatus*? This unit grades into the brittle fine grained limestone.

35 m brittle fine-grained black limestone, with abundant *Poliella denticulata?,* minor *Elrathina*, *Chancia*, *Margaretia*? and *Ptarmigania*.

33 m thin bedded dark limestone and shale interbedded sequence with abundant *Chancia*, *Elrathina*, *Fieldaspis*, *Kochina*, *Kochaspis*, *Kootenia*, *Olenoides*, *Pagetia*, *Poliella denticulate?*, *Yohoaspis*, and scattered *Albertella*, *Ogygopsis*, *Vanuxemella*, brachiopods and *Margaretia*?

25 m medium to thin bedded black fine-grained limestone interbedded with shale with poorly preserved *Chancia*, *Elrathina*, *Fieldaspis*, and *Poliella*. This unit weathers yellow and splits into slate.

15 m medium to thin bedded grey limestone with poorly preserved *Poliella*.

10 m Thin bedded black limestone and shale interbedded sequence with shale dominating in the middle. Abundant *Elrathina*, *Kootenia*, *Ogygopsis*, *Olenoides*, and *Poliella* with scattered *Albertella*, *Chancia*, and *Pagetia*.

5 m Thin wavy bedded dark medium-grained limestone with shale laminae with abundant mostly disarticulated *Chancia*, *Elrathina*, and *Poliella*.