

MD 36 was collared at 699 m E/648 m N on the east side of the BCF to obtain stratigraphic information on the east side of the BCF in an area which was thought to be an extension of the main limestone basin. (Refer plans D/MZ 01/094, 095).

<u>FROM</u>	<u>TO</u>	<u>CORE LENGTH(m)</u>	<u>LITHOLOGY</u>
0.00	60.00	60.00	Interbanded Basalt and variably lignitic mudstone (Tertiary).
60.00	101.70	41.70	Limestone; variably weathered with minor marl bands.
101.70	107.50	5.80	Limestone with garnet ⁺ diopside ⁺ calcite ⁺ pyrite (relict) skarn bands.
107.50	116.50	9.00	Variably calcareous & carbonaceous mudstone with minor calc-silicate skarn. Largely cave-fill(?)
116.50	119.50	3.00	No recovery.
119.50	122.20	2.70	Variably carbonaceous mudstone. Cve-fill(?)
122.20	123.00	0.80	Limestone.
123.00	125.25	2.25	Variably calcareous/carbonaceous mudstone with minor garnet skarn. Largely cavefill(?)
125.25	144.10	18.85	Garnet skarn (mostly strongly weathered) with mudstone/siltstone sections (cavity filling).
144.10	153.20	9.10	Interbanded garnet skarn & diopside ⁺ quartz skarn ("Metasiltstone").
153.20	158.62	5.42	Diopside-quartz-feldspar ⁺ garnet ⁺ vesuvianite skarn.
158.62	159.80	1.18	Limestone.
159.80	170.50	10.70	Impure Moina Sandstone quartzite.

Summary assays from this hole are as follows:

<u>INTERVAL(m)</u>	<u>CORE LENGTH(m)</u>	<u>ASSAYS</u>	
		<u>Sn ppm</u>	<u>W ppm</u>
122.20 - 153.20	31.00	<20	<50

MD 36 confirmed the presence of limestone underneath basalt to the east of the BCF in the north. There was however, no economic Sn or W values and little replacement of limestone. This area is probably too far from the source of mineralizing fluids.