

## **Attachment 1: Explanation of Appendices and Supplemental Files**

### Appendix 1

Appendix 1 contains photos for 161 of the 166 core that were reviewed. Photos were not taken of 5 of the cores. Each photo has been consistently labeled as follows:

- The top of the core interval is located on the bottom right of the photo.
- The base of the core interval is located at the top left of the photo.
- The posted depths refer to the core depths at the end of the boxes.
- Sequence names are placed immediately below the interpreted top for that sequence and are denoted using the following abbreviations:
  - BVF – Wabiskaw B valley-fill
  - Wab C – Wabiskaw C (includes sand and mud)
  - D Sh – Wabiskaw D shale
  - DVF – Wabiskaw D valley-fill
  - McM – McMurray
  - Dt – Detritus
  - Till – Till
- Where the actual top is not in the photo (e.g., Wab C) the formation abbreviation is located at the top of the first core box in the photo.
- Where appropriate, there are descriptive notes (e.g., glauc(onitic) & lithic).

### Appendix 2

Appendix 2 contains the well logs for the 166 core that were reviewed. Where possible, the well logs contain the density-neutron log on the left and the resistivity-induction log on the right. Each well log displays the RGS tops. For most wells, the tops are labeled as follows:

- Wabiskaw marker – black solid line
- Wabiskaw B valley-fill – solid dark blue line
- Wabiskaw C sand – solid dark green line
- Wabiskaw D shale – solid pink line
- Wabiskaw D valley-fill – solid blue line
- McMurray A channel – dotted red line
- McMurray A1 sequence – dashed red line
- McMurray A2 sequence – solid red line
- McMurray B1 channel – dashed green line
- McMurray B1 sequence – solid light green line

- McMurray B2 channel – dashed grey line
- McMurray B2 sequence – solid light blue line
- McMurray channel – solid yellow line
- McMurray C channel – dotted black line

Some of the logs do not have the same color scheme. Refer to the RGS tops and markers spreadsheet if clarification is required.

Table 6-1: Supplemental

Table 6-1 of the February 14, 2005 submission has been revised. Two columns have been added to the table (i.e., RGS Tops: Top Wabiskaw D Shale and Base Wabiskaw D Shale). These tops are from the RGS tops and markers spreadsheet.

Additionally, three revisions have been made to the table due to an SSG error in transcribing the RGS log thickness values. The table below lists the three well locations where the RGS log thickness has been corrected. The corrected RGS log thickness value is in bold and the previous value is in brackets. The corrected difference between the log thickness and core thickness is in bold with the previous value in brackets.

Well ID	Unit Identified in Core	Wabiskaw D Shale		
		RGS Log Thickness (m)	SSG Core Thickness (m)	Difference (m)
AA/11-19-081-05W4/0	Unknown	<b>1.0</b> (1.5)		
AA/02-27-084-09W4/0	Wabiskaw D shale	<b>0.5</b> (1.1)	0.53	<b>0.03</b> (0.57)
AA/13-14-084-12W4/0	Unknown	<b>1.6</b> (1.8)		

Figure 6-1: Supplemental

Figure 6-1 of the February 14, 2005 submission has been revised to high light (in red), the 11 wells just south of the Surmont area (as requested by Paramount). The remaining original points are plotted in blue. The AA/02-27-084-09W4/0 well data point (highlighted in orange) has been revised to reflect the correction in the RGS log thickness, as discussed above.