

Blakefield Sth Mine:		Longwall:		LW1		Panel		Survey Date: 08/12/10				
Ventilation Station		I/R	Area m <sup>2</sup>	V <sub>T</sub> m/s	Quantity m <sup>3</sup> /s	CH <sub>4</sub> %	CH <sub>4</sub> l/s	CO ppm	CO l/min	CO <sub>2</sub> %	O <sub>2</sub> %	N <sub>2</sub> %
Commencement of Hazardous Zone: MG01 Panel B-hdg 18-19/t		I	20.06	2.9	58.16	-	-	-	-	N/A	N/A	N/A
Commencement of Hazardous Zone: MG01 Panel C-hdg 18-19/t		I	17.22	1.4	24.11	0.14	33.76	-	-	N/A	N/A	N/A
Commencement of Hazardous Zone: TG01 Panel A-hdg 19-20c/t		I	16.04	2.0	32.08	-	-	-	-	N/A	N/A	N/A
Total LW Intake at Start of Hazardous Zone:					114.35		33.76			N/A	N/A	N/A
Panel Intake: MG01 Panel C-hdg 2-3 c/t		I	15.97	3.6	57.5	-	-	-	-	N/A	N/A	N/A
Panel Intake: MG01 Panel B-hdg 2-3 c/t		I	15.37	6.1	93.78	-	-	-	-	N/A	N/A	N/A
Panel Intake: TG01 Panel A-hdg 5-6 c/t		I	16.76	2.8	46.93	-	-	-	-	N/A	N/A	N/A
Total LW Intake at Start of Panel:					198.21		33.76			N/A	N/A	N/A
Longwall Return Immediately outbye face: TG01 Panel B-hdg 19-20/t		R	16.02	8.8	141.0	0.9	1269.2	3	25.38	-	20.9	78.90
Panel Return: REGULATOR TG01 Panel B-hdg		R	16.56	9.9	163.89	1.28	2097.95	2	19.67	-	20.3	77.82
Panel Return: REGULATOR MG01 Panel A-hdg		R	17.69	1.6	28.3	-	-	-	-	-	20.9	79.1

Differential Pressure Readings		
Regulator MG01 Panel A-hdg	-2,550.6	Pa
Regulator TG01 Panel B-hdg	open	Pa

Longwall face located approximately - 20-21 c/t  
 Total longwall face ventilation quantity - 55.44 m<sup>3</sup>/s

**Comments:** See attached Ventilation Circuit Schematic

**Compliance Issues:**

Figure 22 – Extract from Monthly Ventilation Report for December 2010. Note CO ppm and l/m.