

Quality: The overall grade is 'B'.

#### 4.5 Geological Reserve

**Churi Block:** The estimated net-in-situ geological reserves in Upper & Lower Bachra seams is about 36.29 MT.

**Benti Block (Sector-'A'):**

The estimated net-in-situ geological reserves in Upper section of Top Lower Bachra seam and Bottom Lower Bachra seam are 4.171 MT and 8.697 MT<sup>o</sup> respectively.

The detailed break-up of extractable reserve in Churi-Benti blocks is as under:

Seam / Section	Churi block		Benti block		Total °
	Dev.	Dep.	Dev.	Dep.	
A. Continuous Miner					
Lower Bachra seam (LBS)	0.224	2.979	---	---	3.203
Bottom Lower seam (BLB)	---	---	0.464	0.547	1.011
Sub-Total	0.224	2.979	0.464	0.547	4.214 °
B. Heightening District					
Lower Bachra seam (LBS)	0.915		---	---	0.915
Sub-Total	0.915		---	---	0.915
C. Bord & Pillar					
Upper Bachra seam (UBS)	0.755	2.928	---	---	3.683
Lower Bachra seam (LBS)	0.242	5.037	---	---	5.279
Bottom Lower Bachra (BLB)	---	---	0.521	0.748	1.269
Upper section of Top Lower Bachra (UTLB)	---	---	0.418	0.430	0.848
Sub-Total	0.997	7.965	0.939	1.178	11.079 °

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18/5/12