

SEAM: Local(L-0); Ex-band, Virgin. Contd.....

1	2	3	4	5	6	7	8	9	10	11	12
B	TOTAL										
	ASH-WISE										
				21 - 24	12	-	-	-	-	-	12
				24 - 20	45	-	-	-	-	-	45
				20 - 35	37	-	-	-	-	-	37
HORIZON TOTAL					94	-	-	-	-	-	94
± 0 to -100				31,040	25 - 30	24 - 28	17	-	-	-	17
					20 - 35	9	-	-	-	-	9
HORIZON TOTAL					26	-	-	-	-	-	26
TOTAL					21 - 24	12	-	-	-	-	12
ASH-WISE					24 - 28	62	-	-	-	-	62
				20 - 35	46	-	-	-	-	-	46
TOTAL FOR SECTOR				142,400		120	-	-	-	-	120
H	± 0 & above										
	67,040										
	25 - 30										
				15 - 18	2	-	-	-	-	-	2
				18 - 21	19	-	-	-	-	-	19
				21 - 24	8	-	-	-	-	-	8
				24 - 28	19	7	7	-	-	-	33
				28 - 35	4	-	-	-	-	-	4
HORIZON TOTAL					52	7	7	-	-	-	66

Contd.....

SEAM: Local (L-0); Ex-band, Virgin. Contd.....

: 5.02 :

1	2	3	4	5	6	7	8	9	10	11	12
H	+ 0 to -100	125,280	25 - 30	15 - 18	10	-	-	-	-	-	10
				18 - 21	27	-	-	-	-	-	27
				21 - 24	67	20	-	-	-	-	87
HORIZON TOTAL					104	20	-	-	-	-	124
	-100 to -200	51,200	25 - 30	18 - 21	4	-	-	-	-	-	4
				21 - 24	45	-	-	-	-	-	45
HORIZON TOTAL					49	-	-	-	-	-	49
TOTAL				15 - 18	12	-	-	-	-	-	12
ASH-WISE				10 - 21	50	-	-	-	-	-	50
				21 - 24	120	20	-	-	-	-	140
				24 - 28	19	7	7	-	-	-	33
				28 - 35	4	-	-	-	-	-	4
TOTAL FOR SECTOR					205	27	7	-	-	-	239

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MADHUBAND UNDERGROUND BLOCK, CHARIA CULFIELD, DIST: DHANBAD, BIAHAR.
STATEMENT SHOWING SECTOR- WISE, HORIZON - WISE, THICKNESS - WISE AND ASH-WISE NET PROVED RESERVES
(SEAM: LOCAL (L-9); IN-BAND, VIRGIN)

: 503 :

TABLE: NO. TA/R/D - 28 (1) (Reserves in '000 tonnes)

TABLE: NO. 14/10 - 20												
SECTOR	Horizon R.L.'s (m.)	Area (Sq. m.)	Ash Range (%)	THICKNESS RANGE (m.)								TOTAL
				0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	7.6.00	10		
1	2	3	4	5	6	7	8	9	10	11		
B	± 0 & above		21 - 24	14	-	-	-	-	-	14		
			24 - 28	++	-	-	-	-	-	++		
	TOTAL FOR SECTOR		19,040	14	-	-	-	-	-	14	✓	
	C	± 0 & above	101,760	10 - 21	-	16	6	-	-	-	22	
			21 - 24	-	9	69	-	-	-	70		
			24 - 28	9	12	129	-	-	-	150		
			28 - 35	13	10	69	-	-	-	92		
HORIZON TOTAL			22	47	273	-	-	-	-	342	✓	
± 0 to -100		9,120	20 - 35	7	2	3	-	-	-	12		
HORIZON TOTAL			7	2	3	-	-	-	-	12	✓	
TOTAL			10 - 21	-	16	6	-	-	-	22		
ASH-WISE			21 - 24	-	9	69	-	-	-	78		
			24 - 28	9	12	129	-	-	-	150		
			28 - 35	20	12	72	-	-	-	104		
TOTAL FOR SECTOR		190,080	29	49	276	-	-	-	-	354		

++ Negligible

Contd....

SEAM; Local (L-9); In-band, Virgin. Contd...

: 504 :

1	2	3	4	5	6	7	8	9	10	11
D	± 0 & above	6,720	20 - 35	15	-	-	-	-	-	15
HORIZON TOTAL										
	± 0 to -100	102,880	20 - 35	4	5	120	-	-	-	129
			7 35	16	23	206	-	-	-	245
HORIZON TOTAL										
				20 ✓	20	326	-	-	-	374 ✓
	-100 to -200	01,440	7 35	16	17	125	-	-	-	150
HORIZON TOTAL										
				16 ✓	17	125	-	-	-	150 ✓
TOTAL										
			20 - 35	19	5	120	-	-	-	144
ASH-WISE										
			7 35	32	40	331	-	-	-	403
TOTAL FOR SECTOR										
		271,040		51	45	451	-	-	-	547
H	± 0 & above	100,000	7 15	17	49	5	-	-	-	71
			15 - 18	53	38	24	-	-	-	115
			18 - 21	-	10	21	-	-	-	31
HORIZON TOTAL										
				70	97	50	-	-	-	217 ✓

Contd....

SEAM: Local (L-9); In-band, Virgin. Contd....

: 505 :

1	2	3	4	5	6	7	8	9	10	11
H	± 0 to -100	109,600	15 - 10	30	31	-	-	-	-	30
			18 - 21	1	26	-	-	-	-	27
			21 - 24	-	5	47	4	-	-	56
			24 - 20	-	-	56	52	-	-	108
			20 - 35	-	-	4	127	-	-	131
HORIZON TOTAL										
				31	62	107	103	-	-	303
-100 to -200 143,520										
			10 - 21	-	6	-	-	-	-	6
			21 - 24	-	3	7	-	-	-	10
			24 - 20	-	-	51	-	-	-	51
			20 - 35	-	-	94	214	-	-	308
HORIZON TOTAL										
				-	9	152	214	-	-	375
-200 to -300 26,400										
				-	-	35	35	-	-	70
TOTAL										
			15 - 18	47	49	5	-	-	-	101
ASH-WISE										
			10 - 21	53	69	24	-	-	-	146
			21 - 24	1	42	21	-	-	-	64
			24 - 20	-	8	54	4	-	-	66
			20 - 35	-	-	107	52	-	-	159
				-	-	133	376	-	-	509
TOTAL FOR SECTOR 539,520										
				101	168	344	432	-	-	1045

MADHUB AND UNDERGROUND BLOCK, CHARIA COALFIELD, DIST: DHANBAD, BIHAR.
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE, V.M.-WISE AND ASH-WISE NET PROVED RESERVES
(SEAM: LUCAL(L-9), EX-BAND, VIRGIN)

TABLE: NO. TA/R/D - 28 (E)

(Reserves in '000 tonnes)

SECTOR	Horizon R.L.'s(m.)	Area (Sq. M.)	V.M. Range (%)	Ash Range (%)	THICKNESS RANGE (m.)											T O T A L
					0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	6.00 - 7.6.0	7.6.0 - 11	11 - 12				
C	1	2	3	4	5	6	7	8	9	10	11	12				
	± 0 & above			104,640	25 - 30	15 - 10	4	-	-	-	-	-	4			
					10 - 21	34	-	-	-	-	-	-	34			
					21 - 24	37	-	-	-	-	-	-	37			
					24 - 20	2	-	-	-	-	-	-	2			
	HORIZON TOTAL				77	-	-	-	-	-	-	-	77			
	± 0 to -100			3,200	25 - 30	24 - 20	2	-	-	-	-	-	2			
	HORIZON TOTAL				2	-	-	-	-	-	-	-	2			
					TOTAL											
					15 - 10	4	-	-	-	-	-	-	4			
D					ASH-WISE											
					10 - 21	34	-	-	-	-	-	-	34			
					21 - 24	37	-	-	-	-	-	-	37			
					24 - 20	4	-	-	-	-	-	-	4			
	TOTAL FOR SECTOR			107,040	79	-	-	-	-	-	-	-	79			
	± 0 & above			6,720	25 - 30	21 - 24	5	-	-	-	-	-	5			
	HORIZON TOTAL				5	-	-	-	-	-	-	-	5			

Contd....

SEAM: Local(L-9); Ex-band, Virgin. Contd....

: 507 :

	1	2	3	4	5	6	7	8	9	10	11	12
D		± 0 to -100	174,880	25 - 30	21 - 24	29	-	-	-	-	-	29
					24 - 28	132	-	-	-	-	-	132
HORIZON TOTAL												
						161	-	-	-	-	-	161
-100 to -200												
		74,880	25 - 30	24 - 28	72	-	-	-	-	-	-	72
HORIZON TOTAL												
						72	-	-	-	-	-	72
TOTAL												
					21 - 24	34	-	-	-	-	-	34
ASH-WISE												
					24 - 28	204	-	-	-	-	-	204
TOTAL FOR SECTOR												
			256,400			230	-	-	-	-	-	230
H		± 0 & above	180,000	25 - 30	15	22	50	24	-	-	-	96
					15 - 18	30	30	8	-	-	-	68
					18 - 21	++	-	20	-	-	-	20
TOTAL												
						52	80	52	-	-	-	104
30 - 35												
					15	13	6	2	-	-	-	21
					15 - 18	-	1	-	-	-	-	1
TOTAL												
						13	7	2	-	-	-	22

Contd....

1	2	3	4	5	6	7	8	9	10	11	12
H			TOTAL	<u>15</u>	35	56	26	-	-	-	117
			ASH-WISE	15 - 19	30	31	0	-	-	-	69
				18 - 21	++	-	20	-	-	-	20
			HORIZON TOTAL		65	87	54	-	-	-	206
	to to -100	102,560	45 - 30	<u>15</u>	21	-	-	-	-	-	21
				15 - 18	26	-	-	-	-	-	26
				10 - 21	14	7	2	-	-	-	23
				21 - 24	11	8	69	-	-	-	70
				24 - 28	-	-	00	-	-	-	00
			TOTAL		62	15	151	-	-	-	220
		30 - 35	<u>15</u>	4	-	-	-	-	-	-	4
			TOTAL		4	-	-	-	-	-	4
			TOTAL	<u>15</u>	25	-	-	-	-	-	25
			ASH-WISE	15 - 18	26	-	-	-	-	-	26
				18 - 21	14	7	2	-	-	-	23
				21 - 24	1	8	69	-	-	-	79
				24 - 28	-	-	00	-	-	-	80
			HORIZON TOTAL		66	15	151	-	-	-	232

Contd....

SEAM: Local (L-2); Virgin. Contd....

1	2	3	4	5	6	7	8	9	10	11	12
H	-100 to -200	134,000	25 - 30	15 - 18	3	-	-	-	-	-	3
			10 - 21	11	-	-	-	-	-	-	11
			21 - 24	27	6	-	-	-	-	-	33
			24 - 28	13	19	102	-	-	-	-	134
HORIZON TOTAL											
			54	25	102	-	-	-	-	-	181
-200 to -300											
	26,400	25 - 30	24 - 28	10	0	3	-	-	-	-	29
HORIZON TOTAL											
			18	0	3	-	-	-	-	-	29
TOTAL											
			15	69	56	26	-	-	-	-	142
ASH-WISE											
			15 - 10	59	31	0	-	-	-	-	98
			10 - 21	25	7	22	-	-	-	-	54
			21 - 24	20	14	69	-	-	-	-	111
			24 - 28	31	27	105	-	-	-	-	243
TOTAL FOR SECTOR											
	523,040	203	135	310	-	-	-	-	-	-	648

---5000---

TABLE NO. TA/R/O-29 (I).

(Reserves in '000 tonnes)

S E C T O R	Horizon R.L.'s. (m.)	Area (sq. m.)	Ash Range (%)	THICKNESS RANGE (m.)										T O T A L
				0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	7.6.00	8	9	10	11	
1	2	3	4	5	6	7	8	9	10	11				
A	± 0 & above	TOTAL	21 - 24	38	-	-	-	-	-	-	38			
		ASH-WISE	24 - 28	50	-	-	-	-	-	-	50			
			28 - 35	42	-	-	-	-	-	-	42			
	TOTAL FOR SECTOR	135,200		130	-	-	-	-	-	-	130			
B	± 0 and above	546,880	21 - 24	28	46	54	-	-	-	-	120			
			24 - 28	33	5	405	-	-	-	-	443			
			28 - 35	-	65	475	-	-	-	-	540			
			7 35	-	-	1	-	-	-	-	1			
	HORIZON TOTAL			53	116	935	-	-	-	-	1,104			
	± 0 to -100	151,040	18 - 21	-	1	-	-	-	-	-	1			
			21 - 24	7	1	-	-	-	-	-	8			
			24 - 28	80	68	56	-	-	-	-	204			
	HORIZON TOTAL			87	70	56	-	-	-	-	213			
	-100 to -200	46,080	15 - 18	14	16	27	-	-	-	-	57			
		18 - 21	4	-	-	-	-	-	-	4				
HORIZON TOTAL			18	16	27	-	-	-	-	61				

SEAM, XVIII (IN-BAND, VIRGIN. CONTD.....)

: 511 :

1	2	3	4	5	6	7	8	9	10	11
ASH-WISE										
TOTAL			15 - 18	14	16	27	-	-	-	57
			18 - 21	4	1	-	-	-	-	5
			21 - 24	27	47	54	-	-	-	128
			24 - 28	113	73	461	-	-	-	647
			28 - 35	-	65	475	-	-	-	540
			7 35	-	-	1	-	-	-	1
TOTAL FOR SECTOR			744,000	158	202	1,018	-	-	-	1,378
C										
+ 0 & above			372,160	18 - 21	-	-	-	-	-	-
				21 - 24	-	11	-	-	-	11
				24 - 28	-	403	107	-	-	510
				28 - 35	-	435	-	-	-	435
HORIZON TOTAL				-	-	849	107	-	-	956
+ 0 to -100			348,480	15 - 18	-	17	-	-	-	17
				18 - 21	-	2	-	-	-	237
				21 - 24	-	17	-	-	-	168
				24 - 28	4	29	-	-	-	121
				28 - 35	-	-	-	-	-	213
HORIZON TOTAL				4	48	704	-	-	-	756

Contd.....

1	2	3	4	5	6	7	8	9	10	11
C	-100 to -200	169,920	15 - 18	-	1	20	-	-	-	21
			18 - 21	7	-	56	-	-	-	63
			21 - 24	6	8	58	-	-	-	72
			24 - 28	61	30	4	-	-	-	95
			28 - 35	5	12	121	-	-	-	135
HORIZON TOTAL										
				75	39	138	-	-	-	256
-200 to -300										
		218,400	15 - 18	-	-	201	-	-	-	201
			18 - 21	-	-	48	-	-	-	48
			21 - 24	-	11	108	-	-	-	119
			24 - 28	13	38	11	-	-	-	62
			28 - 35	1	2	-	-	-	-	3
HORIZON TOTAL										
				14	51	368	-	-	-	433
-300 to -400										
		59,520	24 - 28	34	29	3	-	-	-	66
			28 - 35	-	1	3	-	-	-	4
HORIZON TOTAL										
				34	30	6	-	-	-	70
ASH-WISE										
			15 - 18	-	1	238	-	-	-	239
			18 - 21	7	2	339	-	-	-	348
			21 - 24	6	36	328	-	-	-	370
			24 - 28	112	126	509	107	-	-	854
			28 - 35	6	3	651	-	-	-	660
TOTAL FOR SECTOR										
		1,168,480		131	168	2065	107	-	-	2,471

Contd....

SEAM: XVIIIA (In-band, Virgin Contd.,....)

: 513 :

1	2	3	4	5	6	7	8	9	10	11
D	+ 0 & above	25,760	21 - 24 24 - 20	- -	- -	- 9	1 67	- -	- -	1 76
HORIZON TOTAL										
	+ 0 to -100	220,000	21 - 24 24 - 28 20 - 35	- - -	- - -	172 142 14	24 215 -	- - -	- - -	196 357 14
HORIZON TOTAL										
	-100 to -200	286,400	18 - 21 21 - 24 24 - 28 20 - 35	- - - -	- - - -	69 358 174 5	- 10 - -	- - - -	- - - -	69 368 174 5
HORIZON TOTAL										
	-200 to -300	140,160	18 - 21 21 - 24 24 - 20	- - -	- - -	142 105 2	110 14 -	- - -	- - -	252 119 2
HORIZON TOTAL										
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SEAM: XVIII (In-band, Virgin Contd.....)

: 514 :

1	2	3	4	5	6	7	8	9	10	11
0	-300 to -400	171,200	10 - 21	-	-	107	27	-	-	134
			21 - 24	-	40	140	-	-	-	100
			24 - 28	-	11	-	-	-	-	11
HORIZON TOTAL				2	51	247	27	-	-	325 ✓
	-400 to below	28,320	21 - 24	-	22	8	-	-	-	30
			24 - 28	2	10	-	-	-	-	12
HORIZON TOTAL				2	32	-	-	-	-	42 ✓
TOTAL			10 - 21	-	-	318	137	-	-	455
ASH-WISE			21 - 24	-	62	703	49	-	-	094
			24 - 28	2	21	327	282	-	-	632
			28 - 35	-	-	19	-	-	-	19
TOTAL FOR SECTOR				2	03	1,447	460	-	-	2,000
6	± 0 & above	TOTAL	10 - 21	-	3	2	-	-	-	5
		ASH-WISE	21 - 24	15	19	-	-	-	-	34
			24 - 28	40	13	-	-	-	-	53
			28 - 35	43	76	84	-	-	-	203
			7 35	-	-	106	-	-	-	107
TOTAL FOR SECTOR				98	112	192	-	-	-	402 ✓

Contd.....

SEAM: XVIII (In-band, Virgin Contd....)

: 515 :

H	± 0 & above	51,360	15 - 10	-	-	-	2	-	2
			10 - 21	-	-	-	9	-	30
			21 - 24	-	-	-	3	-	46
			24 - 20	-	-	-	14	-	23
			20 - 35	-	-	-	-	-	15
			7 35	-	-	-	-	-	9
HORIZON TOTAL									
				✓	-	-	20	-	125 ✓
± 0 to -100	189,600	10 - 21	-	-	-	-	36	-	77
		21 - 24	-	-	-	-	96	-	137
		24 - 20	-	-	-	-	269	-	292
		28 - 35	-	-	-	-	-	-	67
		7 35	-	-	-	-	-	-	41
HORIZON TOTAL									
			✓	-	-	-	401	-	614 ✓
± 100 to -200	131,040	10 - 21	-	-	-	-	247	-	270
		21 - 24	-	-	-	-	21	-	29
		24 - 20	-	-	-	-	129	-	135
		20 - 35	-	-	-	-	-	-	7
		7 35	-	-	-	-	-	-	1
HORIZON TOTAL									
			✓	-	-	-	397	-	442 ✓

Contd.....

SEAM: XVIII (In-band, Virgin Contd.....)

: 516 :

1	2	3	4	5	6	7	8	9	10	11
	-200 to -300	22,240	10 - 21 21 - 24	-	-	-	63 17	-	-	63 17
HORIZON TOTAL										
	TOTAL		15 - 10	-	-	2	00	-	-	80 ✓
	ASH-WISE		10 - 21	-	-	85	355	-	-	440
			21 - 24	-	-	92	137	-	-	229
			24 - 28	-	-	30	412	-	-	450
			28 - 35	-	-	89	-	-	-	89
			7 35	-	-	51	-	-	-	51
TOTAL FOR SECTOR		377,920		-	-	355	906	-	-	1261

MADHUBAND UNDERGROUND BLOCK; CHARIA COALFIELD, BISTT: DHANBAD, BIHAR
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE, ASH-WISE AND V.M.U. WISE NET PROVED RESERVES
SEAM XVIII (EX-BAND, VIRGIN)

TABLE: NO. TA/R/D-29 (F)

(RESERVES IN '000 TONNES)

SECTOR	Horizon R.L.'s (m)	Area (sq.m.)	V.M. Range (%)	Ash Range (%)	THICKNESS RANGE (m.)							T O T A L
					0.5 - 0.9	0.9 - 1.2	1.2 - 2.0	2.0 - 4.0	4.0 - 6.0	7.0 - 11.0	11.0 - 15.0	
1	2	3	4	5	6	7	8	9	10	11	12	
A												
± 0 & above		135200	25-30	15-18	3	-	-	-	-	-	3	
				18-21	119	-	-	-	-	-	119	
TOTAL FOR SECTOR					122	-	-	-	-	-	122	
B												
± & above		507360	25-30	15-18	-	38	22	-	-	-	60	
				18-21	11	39	70	-	-	-	120	
				21-24	45	44	129	-	-	-	210	
				24-28	-	12	17	-	-	-	29	
TOTAL					56	133	246	-	-	-	435	
30-35												
				15-18	-	290	9	-	-	-	307	
				18-21	-	3	12	-	-	-	15	
TOTAL					-	301	21	-	-	-	322	

37

Contd...

SEAM XVIII (Contd...)

: 518 :

B	1	2	3	4	5	6	7	8	9	10	11	12
				TOTAL	15 - 10	-	336	31	-	-	-	367
				ASH - WISE	10 - 21	11	42	90	-	-	-	143
					21 - 24	45	44	129	-	-	-	210
					24 - 28	-	12	17	-	-	-	29
				HORIZON TOTAL		56	434	267	-	-	-	757
				± 0 to -100	132160	22 - 25	21 - 24	0	-	-	-	0
						TOTAL	0	-	-	-	-	0
				25 - 30								
						10 - 21	22	40	-	-	-	62
						21 - 24	46	30	-	-	-	04
						TOTAL	68	70	-	-	-	146
				TOTAL	10 - 21	22	40	-	-	-	-	62
				ASH-WISE	21 - 24	53	30	-	-	-	-	92
				HORIZON TOTAL		76	70	-	-	-	-	154

Contd...

: 519 :

	1	2	3	4	5	6	7	8	9	10	11	12
B	-	100 to -200	44960	22 - 25	21 - 24	1	-	-	-	-	-	1
					TOTAL	1	-	-	-	-	-	1
			25 - 30		15	13	12	25	-	-	-	50
					15 - 18	6	-	-	-	-	-	6
					18 - 21	2	-	-	-	-	-	2
					TOTAL	21	12	25	-	-	-	50
					15	13	12	25	-	-	-	50
					15 - 18	6	-	-	-	-	-	6
					18 - 21	2	-	-	-	-	-	2
					21 - 24	1	-	-	-	-	-	1
					TOTAL	22	12	25	-	-	-	59
					15	13	12	25	-	-	-	50
					15 - 18	6	336	31	-	-	-	373
					18 - 21	35	02	90	-	-	-	207
					21 - 24	100	02	129	-	-	-	311
					24 - 28	-	12	17	-	-	-	29
TOTAL FOR SECTOR			684480			154	524	292	-	-	-	970

1	2	3	4	5	6	7	8	9	10	11	12
C	± 0 & above	372160	22 - 25								
				21 - 24	-	-	250	9	-	-	259
				24 - 28	-	-	9	-	-	-	9
				TOTAL	-	-	259	9	-	-	260
		25 - 30		15 - 10			36	-	-	-	36
				18 - 21			231	-	-	-	231
				21 - 24			150	5	-	-	163
				24 - 28			59	-	-	-	59
				20 - 35			5	-	-	-	5
				TOTAL	-	-	409	5	-	-	494
		30 - 35		15	-	3	-	-	-	-	3
				15 - 10	-	-	16	-	-	-	16
				10 - 21	-	-	6	-	-	-	6
				TOTAL	-	3	22	-	-	-	25
		TOTAL		15	-	3	-	-	-	-	3
		ASH-WISE		15 - 10	-	-	52	-	-	-	52
				10 - 21	-	-	237	-	-	-	237
				21 - 24	-	-	400	14	-	-	422
				24 - 28	-	-	60	-	-	-	60
				28 - 35	-	-	5	-	-	-	5
				HORIZON TOTAL	-	3	770	14	-	-	787

SEAM XVIII (Contd....)

: 521 :

1	2	3	4	5	6	7	8	9	10	11	12
C	± 0 to -100	340,400	22 - 25								

10 - 21	1	-	-	-	-	-	-	-	-	-	1
21 - 24	5	2	-	-	-	-	-	-	-	-	7
TOTAL	6	2	-	-	-	-	-	-	-	-	0

25 - 30

15 - 10	-	-	3	10	-	-	-	-	-	-	10
10 - 21	-	47	113	-	-	-	-	-	-	-	102
21 - 24	-	14	74	-	-	-	-	-	-	-	80
24 - 28	-	-	164	-	-	-	-	-	-	-	164
28 - 35	-	-	47	-	-	-	-	-	-	-	47
TOTAL	-	64	504	-	-	-	-	-	-	-	560

30 - 35

15 - 10	-	-	1	-	-	-	-	-	-	-	1
TOTAL	-	-	79	-	-	-	-	-	-	-	79

TOTAL

15 - 10	-	-	3	170	-	-	-	-	-	-	181
10 - 21	-	47	110	-	-	-	-	-	-	-	158
21 - 24	5	16	74	-	-	-	-	-	-	-	95
24 - 28	-	-	164	-	-	-	-	-	-	-	164
28 - 35	-	-	47	-	-	-	-	-	-	-	47
TOTAL	6	66	504	-	-	-	-	-	-	-	656

HORIZON TOTAL

SEAM: XVIII (Contd...)

: 522 :

1	2	3	4	5	6	7	8	9	10	11	12
C	-100 to -200	107,520	22 - 25								
				21-24	1	-	-	-	-	-	1
				24-20	19	-	-	-	-	-	19
				TOTAL	20	-	-	-	-	-	20
			25 - 30								
				15	-	-	29	-	-	-	29
				15-10	1	7	01	-	-	-	09
				18-21	5	15	10	-	-	-	30
				21-24	26	22	-	-	-	-	48
				24-28	30	1	-	-	-	-	31
				20-35	1	-	-	-	-	-	1
				TOTAL	63	45	120	-	-	-	236
			TOTAL	15	-	-	29	-	-	-	29
			ASH-WISE	15-10	1	7	01	-	-	-	09
				18-21	5	15	10	-	-	-	30
				21-24	27	22	-	-	-	-	49
				24-28	49	1	-	-	-	-	50
				20-35	1	-	-	-	-	-	1
			HORIZON TOTAL		83	45	120	-	-	-	256

SEAM : XVIII (Contd...)

1	2	3	4	5	6	7	8	9	10	11	12
C	-200 to -300	219,840	25 - 30	15	-	-	172	-	-	-	172
				15 - 18	-	-	53	-	-	-	53
				18 - 21	18	1	33	-	-	-	55
				21 - 24	22	39	6	-	-	-	67
				24 - 28	23	5	-	-	-	-	28
HORIZON TOTAL					63	45	267	-	-	-	375
-300 & below		59200	25 - 30								
				18 - 21	9	-	-	-	-	-	9
				21 - 24	30	-	-	-	-	-	30
				24 - 28	15	4	-	-	-	-	19
HORIZON TOTAL					54	4	-	-	-	-	58
			TOTAL	15	-	3	212	-	-	-	215
			ASH-WISE	15 - 18	1	10	364	-	-	-	375
				18 - 21	33	63	401	-	-	-	497
				21 - 24	84	77	488	14	-	-	663
				24 - 28	87	10	232	-	-	-	329
				28 - 35	1	-	52	-	-	-	53
TOTAL FOR SECTOR		1,187,200			206	163	1,749	14	-	-	2,132

SEAM: XVIII (Contd....)

: 525 :

1	2	3	4	5	6	7	8	9	10	11	12
0	-100 to -200	286,400	22 - 25	18 - 21	-	-	-	104	-	-	104
				TOTAL	-	-	-	104	-	-	104
	25 - 30			15 - 18	-	35	160	-	-	-	195
				18 - 21	-	37	177	28	-	-	242
				21 - 24	-	-	28	-	-	-	28
				TOTAL	-	72	365	28	-	-	465
	TOTAL			15 - 18	-	35	160	-	-	-	195
	ASH-WISE			18 - 21	-	37	177	132	-	-	346
				21 - 24	-	-	28	-	-	-	28
				TOTAL	-	72	365	132	-	-	569
	-200 to -400	148,160	25 - 30	15 - 18	-	7	306	-	-	-	313
				18 - 21	-	-	28	-	-	-	28
				TOTAL	-	7	334	-	-	-	341
	-300 to -400	182,240	25 - 30	15 - 18	10	64	150	-	-	-	224
				18 - 21	13	26	11	-	-	-	50
				TOTAL	23	90	161	-	-	-	274

1	2	3	4	5	6	7	8	9	10	11	12
D	-400 & below	28,320	25 - 30	15 - 18	14	17	-	-	-	-	31
				18 - 21	3	-	-	-	-	-	3
HORIZON TOTAL				17	17	-	-	-	-	-	34
TOTAL				15 - 18	24	123	616	13	-	-	776
ASH-WISE				18 - 21	16	63	528	349	-	-	956
				21 - 24	-	-	06	-	-	-	86
TOTAL FOR SECTOR				40	186	1,230	362	-	-	-	1,818
G	+ 0 & above		25 - 30	15 - 18	30	20	29	-	-	-	79
				15 - 18	11	-	-	-	-	-	11
TOTAL				41	20	29	-	-	-	-	90
30 - 35				15 - 18	17	24	14	-	-	-	55
				15 - 18	13	17	65	-	-	-	95
TOTAL				30	41	79	-	-	-	-	150
TOTAL				15	47	44	43	-	-	-	134
ASH-WISE				15 - 18	24	17	65	-	-	-	106
TOTAL FOR SECTOR				71	61	100	-	-	-	-	240

SEAM : XVIII (Contd...)

SEAR: XVIII (Contd.....)

: 527 :

1	2	3	4	5	6	7	8	9	10	11	12
H	±0 & above	49,920	25 - 30								
				15	-	-	55	-	-	-	55
				15 - 18	-	-	2	-	-	-	2
				18 - 21	-	-	24	20	-	-	44
				TOTAL	-	-	81	20	-	-	101
	30 - 35			15	-	-	5	-	-	-	5
				15 - 18	-	-	-	-	-	-	-
				18 - 21	-	-	5	-	-	-	5
				TOTAL	-	-	10	-	-	-	10
				15	-	-	60	-	-	-	60
				15 - 18	-	-	2	-	-	-	2
				18 - 21	-	-	29	20	-	-	49
				TOTAL	-	-	91	20	-	-	111
				15	-	-	-	69	-	-	69
				18 - 21	-	-	67	223	-	-	290
				TOTAL	-	-	67	292	-	-	359
				30 - 35	-	-	-	-	-	-	-
				15	-	-	44	-	-	-	44
				15 - 18	-	-	25	20	-	-	53
				18 - 21	-	-	-	12	-	-	47
				TOTAL	-	-	69	35	40	-	144
				100,960	25 - 30						
				15	-	-	-	69	-	-	69
				18 - 21	-	-	67	223	-	-	290
				TOTAL	-	-	67	292	-	-	359
				30 - 35	-	-	-	-	-	-	-
				15	-	-	44	-	-	-	44
				15 - 18	-	-	25	20	-	-	53
				18 - 21	-	-	-	12	-	-	47
				TOTAL	-	-	69	35	40	-	144

H	1	2	3	4	5	6	7	8	9	10	11	12
				TOTAL	15	-	44	-	-	-	-	44
				ASH-WISE	15 - 10	-	25	-	97	-	-	122
					10 - 21	-	-	102	235	-	-	337
				HORIZON TOTAL	-	-	69	102	332	-	-	503
				-100 to-200	147,200	25 - 30	15 - 10	-	-	33	-	33
							10 - 21	-	-	13	-	220
							21 - 24	-	-	7	-	7
							TOTAL	-	20	240	-	260
				30 - 35	15	-	13	-	92	-	-	105
					15 - 10	-	6	59	0	-	-	73
					10 - 21	-	-	-	-	-	-	-
					TOTAL	-	19	59	100	-	-	170
				TOTAL	15	-	13	-	92	-	-	105
				ASH-WISE	15 - 10	-	6	59	41	-	-	106
					10 - 21	-	-	13	207	-	-	220
					21 - 24	-	-	7	-	-	-	7
				HORIZON TOTAL	-	-	19	79	340	-	-	430

SEAM: XVIII (Contd.,...)

: 529 :

1	2	3	4	5	6	7	8	9	10	11	12
H	-200 & Below	21,920	25 - 30	15 - 10	-	-	-	26	-	-	26
				10 - 21	-	-	-	40	-	-	40
HORIZON TOTAL											
				-	-	-	-	74	-	-	74
TOTAL											
				15	-	57	60	2	-	-	209
ASH-WISE											
				15 - 10	-	34	61	164	-	-	256
				10 - 21	-	-	144	510	-	-	654
				21 - 24	-	-	7	-	-	-	7
TOTAL FOR SECTOR		408,000		-	80	272	766	-	-	-	1,126

MAOHUBAND UNDERGROUND BLOCK, JHARIA COALFIELD, DIST: DHANBAD, BIHAR.
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE AND ASH-WISE NET PROVED RESERVES

SEAM: XVIII A (IN-BAND, VIRGIN)

TABLE: NO. TV/R/D-30 (I)

(Reserves in '000 tonnes)

SECTOR	Horizon R.L.'s (m.)	Area (Sq. m.)	Ash Range (%)	THICKNESS RANGE (m.)							TOTAL
				0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	6.00 - 7.00	7.00 - 10.00	
1	2	3	4	5	6	7	8	9	10	11	
A											
+ 0 & above											
			10 - 21	-	19	3	-	-	-	-	22
			21 - 24	-	64	5	-	-	-	-	69
TOTAL FOR SECTOR				-	83	8	-	-	-	-	91
B											
± 0 & above											
		301,056	15 - 10	-	-	239	14	-	-	-	253
			10 - 21	-	9	281	19	-	-	-	309
			21 - 24	-	30	26	9	-	-	-	73
HORIZON TOTAL				-	47	546	42	-	-	-	635
± 0 to -100											
		101,440	15 - 10	10	64	144	-	-	-	-	219
			10 - 21	-	14	52	-	-	-	-	66
HORIZON TOTAL				10	78	196	-	-	-	-	284

Contd.....

SEAM: XVIII A (In-band, Virgin. Contd.....)

1	2	3	4	5	6	7	8	9	10	11
B	-100 to -200	130,720	15 - 18	10	174	-	-	-	-	104 ✓
HORIZON TOTAL										
TOTAL										
	15 - 18	20	230	203	14	19	375	73		
ASH-WISE										
	19 - 21	-	23	333	26	9	-	-	-	-
	21 - 24	-	30	26	9	-	-	-	-	-
TOTAL FOR SECTOR										
	614,010	20	299	742	42	-	-	-	1,103	
C	± 0 & above	402,720	15 - 18	4	20	220	2	-	252	
	10 - 21	-	15	441	2	-	-	-	450	
	21 - 24	-	6	95	8	-	-	-	109	
	24 - 28	-	-	-	40	-	-	-	40	
HORIZON TOTAL										
	4	49	756	50	-	-	-	-	059	✓
± 0 to -100										
	316,000	15	50	119	90	-	-	-	267	
	18 - 21	13	46	106	-	-	-	-	165	
	21 - 24	-	14	-	-	-	-	-	14	
HORIZON TOTAL										
	80	179	196	-	-	-	-	-	455	✓

Contd.....

SEAM: XVIIIA (In-band, Virgin. Contd....)

:532 :

	1	2	3	4	5	6	7	8	9	10	11
C		-100 to -200	224,960	<u>15</u>	09	-	-	-	-	-	189
		15 - 10		17	32	145	-	-	-	-	192
HORIZON TOTAL				106	32	145	-	-	-	-	283
-200 to -300	199,600	<u>15</u>	10	142	-	-	-	-	-	-	132
		15 - 10	-	27	98	-	-	-	-	-	125
		10 - 21	-	-	-	-	-	-	-	-	-
HORIZON TOTAL			10	169	90	-	-	-	-	-	277
-300 to -400	45,600	15 - 10	21	20	1	-	-	-	-	-	50
		10 - 21	-	3	-	-	-	-	-	-	3
HORIZON TOTAL			21	31	1	-	-	-	-	-	53
TOTAL		<u>15</u>	108	142	527	-	-	-	-	-	777
ASH-WISE		15 - 10	100	234	574	-	-	-	-	-	908
		10 - 21	13	64	95	2	-	-	-	-	174
		21 - 24	-	20	-	0	-	-	-	-	28
		24 - 28	-	-	-	40	-	-	-	-	40
TOTAL FOR SECTOR	1,100,960		224	460	1,196	50	-	-	-	-	1,927

Contd....

SEAM: XVIII A (In-band, Virgin. Contd.....)

: 533 :

1	2	3	4	5	6	7	8	9	10	11
D	to & above	54,560	15 - 10 10 - 21	9 -	24 -	27 30	- -	- -	- -	60 36
HORIZON TOTAL										
				9 ✓	24	63	47	-	-	96 ✓
± 0 to -100										
		249,200	15 - 10 18 - 21	54 -	35 10	307 39	- -	- -	- -	456 49
HORIZON TOTAL										
				54 ✓	45	406	-	-	-	505 ✓
-100 to -200										
		260,000	15 - 10 10 - 21	7 -	1 9	512 112	- -	- -	- -	520 121
HORIZON TOTAL										
				7 ✓	10	624	-	-	-	641 ✓
-200 to -300										
		154,240	15 - 10 18 - 21	- -	- -	91 47	106 161	- -	- -	197 208
HORIZON TOTAL										
				- ✓	-	138	267	-	-	405 ✓
-300 to -400										
		150,400	15 - 10 10 - 21	- -	1 -	243 -	- 119	- -	- -	244 119
HORIZON TOTAL										
				- ✓	1	243	119	-	-	363 ✓

Contd.....

SEAM: XVIIIA (In-band, Virgin. Contd.....)

: 534 :

1	2	3	4	5	6	7	8	9	10	11
0	-400 & below	10,000	15 - 10	-	5	30	-	-	-	35
HORIZON TOTAL										
				-	5	30	-	-	-	35
TOTAL										
			15 - 10	70	66	1,270	106	-	-	1,512
ASH-WISE										
			10 - 21	-	19	234	200	-	-	533
TOTAL FOR SECTOR										
				70	85	1,504	306	-	-	2,045
G										
	+ 0 & above	TOTAL	15 - 10	26	93	09	-	-	-	208
		ASH-WISE	18 - 21	-	102	-	-	-	-	102
TOTAL FOR SECTOR										
				26	195	09	-	-	-	310
H										
	+ 0 & above	21,920	15	-	-	10	46	-	-	56
HORIZON TOTAL										
				-	-	10	46	-	-	56
+ 0 to -100										
		255,000	1	1	7	74	325	-	-	409
			15 - 10	-	6	26	160	-	-	192
			10 - 21	-	7	34	4	-	-	45
			21 - 24	-	2	37	-	-	-	39
			24 - 20	-	-	27	7	-	-	34
			20 - 35	-	-	11	-	-	-	11
HORIZON TOTAL										
				1	22	211	496	-	-	730

Contd...

SEAM: XVIII A (In-band, Virgin. contd....)

: 535 :

1	2	3	4	5	6	7	8	9	10	11
H	-100 to -200	124,000	15 - 18	10	27	56	-	-	-	93
			15 - 18	1	-	-	197	-	-	198

HORIZON TOTAL

11	27	56	197	-	-	291
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TOTAL

11	34	142	371	-	-	550
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ASH-WISE

15 - 18	1	6	26	357	-	390
10 - 21	-	7	34	4	-	45
21 - 24	-	2	37	-	-	39
24 - 28	-	-	27	2	-	34
28 - 35	-	-	11	-	-	11

TOTAL FOR SECTOR

404,000	12	49	277	739	-	1,077
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SEAM: XVIII A (IN-BAND, DEVELOPED)

1	2	3	4	5	6	7	8	9	10	11
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A + 0 & above

TOTAL	10 - 21	-	17	-	-	-	-	-	-	17
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ASH-WISE

21 - 24	-	43	2	-	-	-	-	-	-	45
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TOTAL FOR SECTOR

54,240	-	60	2	-	-	-	-	-	-	62
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B + 0 & above

351,600	15 - 18	-	15	216	=	=	=	=	=	221
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18 - 21	-	-	-	226	33	-	-	-	-	259
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21 - 24	-	-	-	05	6	-	-	-	-	91
---------	---	---	---	----	---	---	---	---	---	----

24 - 28	-	-	-	6	30	-	-	-	-	36
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HORIZON TOTAL

-	5	533	69	-	-	607
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Contd....

1	2	3	4	5	6	7	8	9	10	
B	± 0 to -100	10,400	15 - 10	-	4	20	-	-	-	11
HORIZON TOTAL										
TOTAL										
ASH-WISE										
	15 - 10	-	-	9	236	-	-	-	-	245
	10 - 21	-	-	-	226	33	-	-	-	259
	21 - 24	-	-	-	05	6	-	-	-	91
	24 - 20	-	-	-	6	30	-	-	-	36
TOTAL FOR SECTOR										
				9	553	69	-	-	-	631
G	± 0 & above	77,200	15 - 10	5	91	-	-	-	-	46
	10 - 21		3	20	5	-	-	-	-	36
TOTAL FOR SECTOR										
		370,080		8	69	5	-	-	-	82

MADHUB AND UNDERGROUND BLOCK, CHARIA COALFIELD, DIST: DHANBAD, BIHAR
STATEMENT SHOWING SECTOR - WISE, HORIZON - WISE, THICKNESS - WISE, V.M. - WISE AND ASH - WISE NET PROVED RESERVES
SEAM: XVIII A EX-BAND, VIRGIN

TABLE NO. TA/R/D-30 (E)

(Reserves in 8000 tonnes)

SECTOR	Horizon R.L.'s (m.)	Area (Sq. m.)	V.M. Range (%)	Ash Range (%)	THICKNESS RANGE (m.)										T O T A L
					0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	6.00 - 7.6.00	7.6.00	10	11	12	
1	2	3	4	5	6	7	8	9	10	11	12				
A															
± 0 & above		62,720	30 - 35	18 - 21	-	19	6	10	-	-	-	25			
				21 - 24	-	63	1	4	-	-	-	64			
TOTAL FOR SECTOR					-	82	7	14	-	-	-	89			
B															
± 0 & above		328,320	25 - 30	15 - 18	-	8	103	-	-	-	-	111			
				18 - 21	-	9	97	-	-	-	-	106			
				21 - 24	-	2	-	-	-	-	-	2			
TOTAL						19	200	-	-	-	-	219			
			30 - 35	15 - 18	-	-	250	41	-	-	-	291			
				18 - 21	-	7	70	25	-	-	-	102			
				21 - 24	-	8	52	-	-	-	-	60			
TOTAL					-	15	372	66	-	-	-	453			
			TOTAL	15 - 18	-	8	353	41	-	-	-	402			
				18 - 21	-	16	167	25	-	-	-	208			
			ASH-WISE	21 - 24	-	10	52	-	-	-	-	62			
HORIZON TOTAL					-	34	572	66	-	-	-	672			

1	2	3	4	5	6	7	8	9	10	11	12
B	± 0 to -100	181,440	25 - 30	15 - 18	2	52	148	-	-	-	202
				18 - 21	-	30	51	-	-	-	81
	HORIZON TOTAL				2	82	199	-	-	-	283
	-100 to -200	130,720	25 - 30	15 - 18	-	148	-	-	-	-	148
				18 - 21	-	3	-	-	-	-	3
				TOTAL	-	151	-	-	-	-	151
	30 - 35			15 - 18	-	13	-	-	-	-	13
				TOTAL	-	13	-	-	-	-	13
	TOTAL			15 - 18	-	161	-	-	-	-	161
	ASH-WISE			18 - 21	-	3	-	-	-	-	3
	HORIZON TOTAL				-	164	-	-	-	-	164
				15 - 18	2	221	501	41	-	-	765
				18 - 21	-	49	210	25	-	-	292
				21 - 24	-	10	52	-	-	-	62
	TOTAL FOR SECTOR	640,480			2	280	771	66	-	-	1,119
C	± 0 & above	305,440	22 - 25	15 - 18	-	-	79	-	-	-	79
				18 - 21	-	-	16	-	-	-	16
				TOTAL	-	-	95	-	-	-	95

Contd....

SEAM: XVIIIa, Ex-band, Virgin, Contd....

1	2	3	4	5	6	7	8	9	10	11	12
C			25 - 30	15 - 18	4	23	184	-	-	-	211
			10 - 21	10		24	97	-	-	-	131
			21 - 24	-		2	-	-	-	-	2
			TOTAL	14		49	281	-	-	-	344
		30 - 35	15 - 10	-		-	12	-	-	-	12
			10 - 21	-		38	220	-	-	-	258
			21 - 24	-		26	26	-	-	-	52
			TOTAL	-		64	258	-	-	-	322
		TOTAL	15 - 10	4		23	275	-	-	-	302
		ASH-WISE	10 - 21	10		62	333	-	-	-	405
			21 - 24	-		28	26	-	-	-	54
			TOTAL	14		113	634	-	-	-	761
		HORIZON TOTAL	to to -100	316,000	25 - 30	15	10	9	-	-	27
			15 - 10	64		102	52	-	-	-	217
			10 - 21	13		38	39	-	-	-	90
			21 - 24	-		14	-	-	-	-	14
			TOTAL	95		162	91	-	-	-	348

SEAM: XVIIIa, Ex-band, Virgin, Contd.....

1	2	3	4	5	6	7	8	9	10	11	12
C	-300 to -400	45,600	25 - 30	<u>L</u> 15	29	17	1	-	-	-	47
HORIZON TOTAL											
					29	17	1	-	-	-	47
TOTAL											
				<u>L</u> 15	97	65	50	-	-	-	212
ASH-WISE											
				15 - 10	154	309	457	-	-	-	920
				10 - 21	23	100	391	-	-	-	514
				21 - 24	-	46	57	-	-	-	103
TOTAL FOR SECTOR											
					274	520	955	-	-	-	1,749
D	to & above	54,560	22 - 25	15 - 10	-	12	39	-	-	-	57
				10 - 21	-	-	4	-	-	-	4
TOTAL											
					-	12	43	-	-	-	55
25 - 30											
				15 - 10	7	13	-	-	-	-	20
				10 - 21	-	-	17	-	-	-	17
TOTAL											
					7	13	17	-	-	-	37
TOTAL											
				15 - 10	7	25	39	-	-	-	71
ASH-WISE											
				10 - 21	-	-	21	-	-	-	21
HORIZON TOTAL											
					7	25	60	-	-	-	92

Contd.....

1	2	3	4	5	6	7	8	9	10	11	12
0	±0 to -100	249,280	20 - 22	15 - 18	-	-	24	-	-	-	24
				10 - 21	-	-	4	-	-	-	4
				TOTAL	-	-	28	-	-	-	28
			22 - 25	15 - 18	-	36	0	-	-	-	44
				TOTAL	-	36	9	-	-	-	45
			25 - 30	15 - 18	30	11	54	-	-	-	95
				10 - 21	-	-	333	-	-	-	333
				TOTAL	30	11	307	-	-	-	428
			TOTAL	15 - 18	30	47	06	-	-	-	163
			ASH-WISE	10 - 21	-	-	338	-	-	-	338
			HORIZON TOTAL		30	47	424	-	-	-	501
			-130 to -200	260,000	20 - 22	18 - 21	-	-	-	-	100
						TOTAL	-	-	-	-	100
			22 - 25	15 - 18	-	13	6	-	-	-	19
				10 - 21	-	-	1	-	-	-	1
				TOTAL	-	13	7	-	-	-	20
			25 - 30	15 - 18	1	-	500	-	-	-	501
				10 - 21	-	-	5	-	-	-	5
				TOTAL	1	-	505	-	-	-	506

Contd...

SEAM: XVIIIa, Ex-band, Virgin. Contd....

: 543 :

1	2	3	4	5	6	7	8	9	10	11	12
D			TOTAL	15 - 10	1	13	506	-	-	-	520
			ASH-WISE	10 - 21	-	-	106	-	-	-	106
	HORIZON TOTAL				1	13	612	-	-	-	626
	-200 to -300	154,240	25 - 30	15 - 10	-	-	350	-	-	-	350
	HORIZON TOTAL				-	-	350	-	-	-	350
	-300 to -400 150,466			15 - 10	-	8	198	-	-	-	198
					-	-	117	-	-	-	117
	HORIZON TOTAL				-	8	307	-	-	-	315
	-400 & below	10,000	25 - 30	15 - 18	-	7	27	-	-	-	34
	HORIZON TOTAL				-	7	27	-	-	-	34
			TOTAL	15 - 18	-	15	217	-	-	-	232
			ASH-WISE	15 - 18	38	85	1,106	-	-	-	1,229
				10 - 21	-	-	465	-	-	-	465
	TOTAL FOR SECTOR	895,360			30	100	1,700	-	-	-	1,926
G	± 0 & above	216,640	25 - 30	15 - 18	53	3	-	-	-	-	56
				18 - 21	-	55	-	-	-	-	55
			TOTAL		53	58	-	-	-	-	111

Contd....

SEAM: XVIIIA, Ex-band, Virgin, Contd...

: 544 :

1	2	3	4	5	6	7	8	9	10	11	12
			30 - 35	15 - 18	1	14	-	-	-	-	15
				18 - 21	-	144	1	-	-	-	145
				TOTAL	1	158	1	-	-	-	160
			TOTAL	15 - 18	54	17	-	-	-	-	71
			ASH-WISE	18 - 21	-	199	1	-	-	-	200
					54	216	1	-	-	-	271
TOTAL FOR SECTOR											
H	to & above	21,920	22 - 25	15 - 18	-	1	-	-	-	-	1
				TOTAL	-	1	-	-	-	-	1
			25 - 30	15	-	-	1	1	-	-	2
				15 - 18	-	71	6	-	-	-	6
				TOTAL	-	-	7	1	-	-	8
			30 - 35	15	-	-	1	12	-	-	13
				15 - 18	-	-	-	33	-	-	33
				TOTAL	-	-	1	45	-	-	46
			TOTAL	15	-	-	2	13	-	-	15
			ASH-WISE	15 - 18	-	1	6	33	-	-	40
					-	1	8	46	-	-	55
HORIZON TOTAL											
			to 0 to -100	258,080	22 - 25	15 - 18	-	3	5	-	8
						TOTAL	-	3	5	-	8

Contd...

SEAM: XVIII, Ex-band, Virgin. Contd...

: 545 :

1	2	3	4	5	6	7	8	9	10	11	12
			25 - 30								
				L ₁₅	-	2	8	-	-	-	10
				15 - 18	-	9	84	-	-	-	93
				18 - 21	-	-	4	-	-	-	4
				TOTAL	-	11	96	-	-	-	107
			30 - 35								
				L ₁₅	-	7	40	447	-	-	494
				15 - 18	4	-	33	-	-	-	34
				TOTAL	1	7	73	447	-	-	528
				L ₁₅	-	9	48	447	-	-	504
				15 - 18	1	12	117	-	-	-	130
				18 - 21	-	-	4	-	-	-	4
				TOTAL	1	21	169	447	-	-	630
			HORIZON TOTAL								
			-100 to -200								
			124,000	25 - 30							
				15 - 18	1	4	-	-	-	-	5
				TOTAL	1	4	-	-	-	-	5
				15 - 18	19	22	77	126	-	-	244
				TOTAL	19	22	77	126	-	-	244
			30 - 35								
				15 - 18	20	26	77	126	-	-	249
				TOTAL	20	26	77	126	-	-	249
				L ₁₅	-	9	50	460	-	-	519
				15 - 18	21	39	200	159	-	-	419
				18 - 21	-	-	4	-	-	-	4
				TOTAL	21	48	254	619	-	-	942
				TOTAL FOR SECTUR	21	48	254	619	-	-	942
				404,000							

Contd...

	1	2	3	4	5	6	7	8	9	10	11	12
A												
±0 & above				30 - 35	18 - 21	-	15	2	-	-	-	17
					21 - 24	-	40	-	-	-	-	40
TOTAL FOR SECTOR			54,240			-	55	2	-	-	-	57
B												
±0 and above 351,680				25 - 30	15 - 18	-	4	236	-	-	-	240
					18 - 21	-	20	124	12	-	-	156
					TOTAL	-	24	360	12	-	-	396
				30 - 35	15 - 18	-	-	31	-	-	-	31
					18 - 21	-	19	113	-	-	-	132
					TOTAL	-	19	144	-	-	-	163
				TOTAL	15 - 18	-	4	267	-	-	-	271
				ASH-WISE	18 - 21	-	39	237	12	-	-	288
				HORIZON TOTAL		-	43	504	12	-	-	559
				±0 to -100	18,400	25 - 30	15 - 18	-	3	-	-	3
							18 - 21	-	-	20	-	20
				HORIZON TOTAL		-	3	20	-	-	-	23
				TOTAL	15 - 18	-	7	267	-	-	-	274
				ASH-WISE	18 - 21	-	39	257	12	-	-	308
TOTAL FOR SECTOR			370,080			-	46	524	12	-	-	582

Contd...

SEAM: XVIIIa, Ex-band, Developed, Contd...

	1	2	3	4	5	6	7	8	9	10	11	12
G		± 0 & above	77,280	25 - 30	18 - 21	13	37	-	-	-	-	50
				30 - 35	15 - 18	1	24	-	-	-	-	25
				TOTAL	TOTAL	1	24	-	-	-	-	25
				TOTAL	15 - 18	1	24	-	-	-	-	25
				ASH-WISE	18 - 21	13	37	-	-	-	-	50
				TOTAL FOR SECTOR	14	61	-	-	-	-	-	75

MOHULI, UNDERGROUND BL CO, CHARIN COLFIELD, DIST: DHANBAD, BIHAR.
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE, AND ASH-WISE NET PROVED RESERVES.

(SEAM: XVIIIIB, IN-DAND, VIRGIN)

TABLE: NO. T/R/D-31 (I)

(Reserves in '000 tonnes)

SECTOR	Horizon R.L.'s(m)	Area (sq.m.)	Ash Range (%)	THICKNESS RANGE (m)							TOTAL
				0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	6.00		
A + 0 and above	59040	15 - 18	-	45	-	-	-	-	-	45	
		18 - 21	-	2	-	-	-	-	-	2	
		21 - 24	-	4	-	-	-	-	-	4	
		24 - 28	-	43	-	-	-	-	-	43	
		TOTAL FOR SECTOR	-	94	-	-	-	-	-	94	
B + 0 and above	384320	15 - 18	-	1	-	-	-	-	-	1	
		18 - 21	-	21	10	-	-	-	-	31	
		21 - 24	-	24	408	-	-	-	-	432	
		24 - 28	-	42	258	-	-	-	-	300	
		28 - 35	-	-	35	-	-	-	-	35	
TOTAL	-	88	711	-	-	-	-	-	799		

Contd....

Seam: XVIII B, In-band Virgin Contd....

: 549 :

	1	2	3	4	5	6	7	8	9	10	11
B											
+ 0 to -100											
203,200											
18 - 21				14	5	-	-	-	-	-	19
21 - 24				5	6	166	-	-	-	-	177
24 - 28				1	112	35	-	-	-	-	148
TOTAL				20	123	201	-	-	-	-	344
-100 to -200											
123040											
15 - 18				14	4	-	-	-	-	-	18
18 - 21				36	5	-	-	-	-	-	41
21 - 24				42	7	-	-	-	-	-	49
24 - 28				13	2	-	-	-	-	-	15
TOTAL				1	-	-	-	-	-	-	1
TOTAL				106	18	-	-	-	-	-	124
TOTAL				15	14	4	-	-	-	-	18
ASH-WISE				15 - 18	36	6	-	-	-	-	42
				18 - 21	56	33	10	-	-	-	99
				21 - 24	18	32	574	-	-	-	624
				24 - 28	.2	154	293	-	-	-	449
				28 - 35	-	-	35	-	-	-	35
TOTAL FOR SECTOR				710560	126	229	912	-	-	-	1267

Contd....

1	2	3	4	5	6	7	8	9	10	11
C										
+ 0 & above			18 - 21	-	-	10	-	-	-	10
			21 - 24	-	-	161	-	-	-	161
			24 - 28	-	-	972	-	-	-	972
TOTAL				+	-	1143	-	-	-	1143
+ 0 to -100			18 - 21	-	10	71	-	-	-	81
			21 - 24	-	27	158	-	-	-	185
			24 - 28	-	59	245	-	-	-	304
TOTAL				-	96	474	-	-	-	570
-100 to -200			15 - 18	80	-	-	-	-	-	80
			18 - 21	19	-	-	-	-	-	19
			21 - 24	27	-	-	-	-	-	27
			24 - 28	5	1	1	-	-	-	7
			TOTAL	131	12	26	-	-	-	169

Contd...

Seam: XVIII B, In-band, Virgin, Contd....

: 551 :

1	2	3	4	5	6	7	8	9	10	11
C	-200 to -300	158400								
		<u>L</u> 15	50	-	-	-	-	-	-	50
		15 - 18	18	-	-	-	-	-	-	18
		18 - 21	31	13	-	-	-	-	-	44
		21 - 24	5	33	6	-	-	-	-	44
		24 - 28	-	19	-	-	-	-	-	19
		TOTAL	104	65	6	-	-	-	-	175
	-300 & below	32000								
		<u>L</u> 15	17	-	-	-	-	-	-	17
		15 - 18	8	-	-	-	-	-	-	8
		TOTAL	25	-	-	-	-	-	-	25
	TOTAL	<u>L</u> 15	147	-	-	-	-	-	-	147
		15 - 18	45	-	-	-	-	-	-	45
		18 - 21	58	23	81	-	-	-	-	162
		21 - 24	10	61	326	-	-	-	-	397
		24 - 28	-	89	1242	-	-	-	-	1331
		TOTAL	260	173	1649	-	-	-	-	2082
	TOTAL FOR SECTOR 1,157,440									

Contd....

1	2	3	4	5	6	7	8	9	10	11
D	+ 0 & above	91040	24 - 28	-	87	153	-	-	-	240
	-		TOTAL	✓	87	153	-	-	-	240 ✓
	+ 0 to -100	280960	24 - 28	-	-	561	81	-	-	642
	-		TOTAL	✓	-	561	81	-	-	642 ✓
	-100 to -200	243200	24 - 28	-	-	469	-	-	-	469
			28 - 35	-	-	3	-	-	-	3
			TOTAL	✓	-	472	-	-	-	472 ✓
	-200 to -300	160320	18 - 21	-	1	3	-	-	-	4
			21 - 24	-	1	172	-	-	-	172
			24 - 28	-	-	235	-	-	-	235
			TOTAL	✓	2	410	-	-	-	412 ✓

Contd....

Seam: XVIII B, In-band Virgin Contd....

: 553 :

1	2	3	4	5	6	7	8	9	10	11
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-300 to -400 147520

15	17	34	5	293	-	-	-	-	-	56
15 - 18	5	25	26	10	-	-	-	-	-	56
18 - 21	-	25	82	34	-	-	-	-	-	107
21 - 24	-	-	4	500	-	-	-	-	-	4

TOTAL	22	84	117	-	-	-	-	-	-	223
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D -400 & below 4800

15	-	1	9	5	-	-	-	-	-	10
TOTAL	-	1	9	8	-	-	-	-	-	10

TOTAL

ASHWISE

15	17	35	14	-	-	-	-	-	-	66
15 - 18	5	25	26	-	-	-	-	-	-	56
18 - 21	-	26	85	-	-	-	-	-	-	177
21 - 24	-	1	176	-	-	-	-	-	-	177
24 - 28	-	87	1418	-	-	-	-	-	-	1586
28 - 35	-	-	3	-	-	-	-	-	-	3

TOTAL FOR SECTOR	927840	22	174	1722	81	-	-	-	-	1999
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	1	2	3	4	5	6	7	8	9	10	11
G											
+ 0 & above											
15 - 18				21	45	-	-	-	-	-	66
18 - 21				1	195	-	-	-	-	-	196
21 - 24				-	73	-	-	-	-	-	73
24 - 28				-	101	-	-	-	-	-	101
TOTAL FOR SECTOR			313,440	22	414	-	-	-	-	-	436
H											
+ 0 & above			86880								
15 - 18			-	-	-	-	-	306	-	-	306
18 - 21			-	-	-	-	-	8	-	-	8
21 - 24			-	-	-	-	-	-	-	-	-
24 - 28			-	-	-	-	-	2	-	-	316
TOTAL			1	✓	-	-	-	316	-	-	316
+ 0 to -100			206080								
15 - 18			-	-	-	-	-	200	-	-	200
18 - 21			-	-	-	-	-	299	-	-	299
21 - 24			-	-	-	-	78	34	-	-	112
24 - 28			-	-	1	-	-	10	-	-	11
TOTAL			-	-	-	78	2	543	-	-	622
-100 to -200			100480								
21 - 24			-	-	-	-	-	23	-	-	23
24 - 28			-	-	-	-	12	273	-	-	285
TOTAL			-	-	-	-	12	296	-	-	308

Seam: XVIII B, Ib-band, Virgin, contd....

555

	1	2	3	4	5	6	7	8	9	10	11	12
TOTAL FOR SECTOR				393440	-	1	90	1155	-	-	1246	
TOTAL					15 - 18	-	-	506	-	-	506	
ASH-HUISE					18 - 21	-	-	307	-	-	307	
					21 - 24	-	-	57	-	-	135	
					24 - 28	-	1	12	285	-	298	

SEAM: XVIIIB, IN-BAND, DEVELOPED

1	2	3	4	5	6	7	8	9	10	11
B	± 0 and Above		21 - 24 24 - 28 28 - 35	- - -	- 2 -	0 230 53	- - -	- - -	- - -	0 232 53
TOTAL FOR SECTOR				-	2	291	-	-	-	293

MADHUBAND UNDERGROUND BLOCK, DHARIA COALFIELD, DIST:DHANBAD, BIHAR
STATEMENT SHOWING SECT R - LISE, HORIZN-WISE, THICKNESS-WISE, M.-WISE, AND ASH-WISE NET PROVED RESERVES
SEAM: XVIIIIB, EX-BAND, VIRGIN.

TABLE: NO. TA/R/D-31 (E)

(Reserves in '000 tonnes)

S E C T O R

TOTAL

SECTOR	Horizon R.L.'s(m)	Area (sq.m.)	V.M. Range (%)	Ash Range (%)	Thickness Range (m)	0.5-0.9	0.9-1.2	1.2-2.0	2.0-4.0	4.0-6.0	6.00	TOTAL
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A ± 0 & above

25 - 30

15 - 18	-	-	-	-	-	-	-	-	-	-	-	-
18 - 21	3	1	-	-	-	-	-	-	-	-	-	4
21 - 24	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL:	3	1	-	-	-	-	-	-	-	-	-	4

30 - 35

15 - 18	-	25	-	-	-	-	-	-	-	-	-	25
18 - 21	-	44	-	-	-	-	-	-	-	-	-	44
21 - 24	-	12	-	-	-	-	-	-	-	-	-	12
TOTAL:	-	81	-	-	-	-	-	-	-	-	-	81

TOTAL

ASH-WISE

15 - 18	-	25	-	-	-	-	-	-	-	-	-	25
18 - 21	3	45	-	-	-	-	-	-	-	-	-	48
21 - 24	-	12	-	-	-	-	-	-	-	-	-	12
TOTAL	3	82	-	-	-	-	-	-	-	-	-	85

TOTAL FOR SECTOR: 58,500

Contd...

2

3

4

5

6

7

8

9

10

11

12

B ± 0 & above

384,320

25 - 30

18 - 21

-

78

58

-

-

-

-

136

21 - 24

3

34

94

-

-

-

131

24 - 28

-

-

TOTAL:

3

112

152

-

-

-

267

30 - 35

15 - 18

-

1

-

-

-

-

1

18 - 21

-

28

95

-

-

-

123

21 - 24

-

-

271

-

-

-

271

24 - 28

-

11

-

-

-

-

11

TOTAL:

-

40

366

-

-

-

406

TOTAL

15 - 18

-

1

-

-

-

-

1

ASH-WISE

18 - 21

-

106

153

-

-

-

259

21 - 24

3

34

365

-

-

-

402

24 - 28

-

11

-

-

-

-

11

HORIZON TOTAL:

3

152

518

-

-

-

673

Contd.....

Seam: XVIII B, Ex-band, Virgin, Contd..../-

: 559 :

1	2	3	4	5	6	7	8	9	10	11	12
B	±0 to 100	203,200	25 - 30	15 - 18	5	-	-	-	-	-	5
				18 - 21	127	41	33	-	-	-	201
				21 - 24	12	-	2	-	-	-	14
				24 - 28	14	10	-	-	-	-	24

TOTAL: 158 51 35 - - - 244

30 - 35 21 - 24 5 - - - - 5

TOTAL: 5 - - - - 5

TOTAL
ASH-WISE
15 - 18 5 - - - - 5
18 - 21 127 41 33 - - - 201
21 - 24 17 - 2 - - - 19
24 - 28 14 10 - - - 24

HORIZON TOTAL: TOTAL: 163 51 35 - - - 249

Contd....

1	2	3	4	5	6	7	8	9	10	11	12
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B 100 to -200 123,680 25 - 30

15 - 18	42	-	-	-	-	-	-	-	-	14
18 - 21	30	-	-	-	-	-	-	-	-	30
21 - 24	17	8	-	-	-	-	-	-	-	25
TOTAL:	103	8	-	-	-	-	-	-	-	111

30 - 35

15 - 18	-	7	-	-	-	-	-	-	-	7
18 - 21	-	12	-	-	-	-	-	-	-	12
TOTAL:	-	19	-	-	-	-	-	-	-	19

TOTAL
ASH-WISE

15	14	-	-	-	-	-	-	-	-	14
15 - 18	42	7	-	-	-	-	-	-	-	49
18 - 21	30	12	-	-	-	-	-	-	-	42
21 - 24	17	8	-	-	-	-	-	-	-	25

HORIZON TOTAL:

103	27	-	-	-	-	-	-	-	-	130
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Contd...

Seam: XVIII B, Ex-band, Virgin, Contd.../-

: 561 :

1	2	3	4	5	6	7	8	9	10	11	12
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B											
TOTAL				15	14	-	-	-	-	-	14
ASHWISE				15 - 18	47	8	-	-	-	-	55
				18 - 21	157	159	186	-	-	-	502
				21 - 24	37	42	367	-	-	-	446
				24 - 28	14	21	-	-	-	-	35

TOTAL FOR SECTOR: 711,200

269 230 553 - - - 1,052

C ±0 & above 479,040 22 - 25

21 - 24	-	2	62	-	-	-	64
24 - 28	-	-	454	-	-	-	454

TOTAL: - 2 516 - - - 518

25 - 30

18 - 21	-	1	-	-	-	-	1
21 - 24	-	9	187	-	-	-	196
24 - 28	-	-	16	-	-	-	16

TOTAL: - 10 203 - - - 213

Contd....

1 2 3 4 5 6 7 8 9 10 11 12

30 - 35

18 - 21	-	-	25	-	-	-	-	25
21 - 24	-	-	250	-	-	-	-	250

TOTAL:	-	-	275	-	-	-	-	275
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TOTAL

ASH-WISE

18 - 21	-	1	25	-	-	-	-	26
21 - 24	-	11	499	-	-	-	-	510
24 - 28	-	-	470	-	-	-	-	470

HORIZON TOTAL:

-	12	994	-	-	-	-	1006
---	----	-----	---	---	---	---	------

C ±0 to -100 322,560 25 -30

18 - 21	-	67	229	-	-	-	296
21 - 24	-	-	58	-	-	-	58
24 - 28	-	-	100	-	-	-	100

TOTAL:	-	67	387	-	-	-	454
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30 - 35

15 - 18	15	-	-	-	-	-	15
18 - 21	-	-	12	-	-	-	12
21 - 24	-	-	25	-	-	-	25
24 - 28	-	-	117	-	-	-	117

TOTAL:	15	-	154	-	-	-	169
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Contd...

Seam: XVIII B, Ex-band, Virgin, Contd.../-

: 563 :

1	2	3	4	5	6	7	8	9	10	11	12
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TOTAL
ASH-WISE

15 - 18	15	-	-	-	-	-	-	-	-	-	15
18 - 21	-	67	241	-	-	-	-	-	-	-	308
21 - 24	-	-	83	-	-	-	-	-	-	-	217
24 - 28	-	-	217	-	-	-	-	-	-	-	217

HORIZON TOTAL:

15	67	541	-	-	-	623
----	----	-----	---	---	---	-----

C -100 to -200 189,920 25 - 30

15 - 18	107	-	13	-	-	120
18 - 21	37	3	12	-	-	52
21 - 24	2	18	-	-	-	20

HORIZON TOTAL:

146	21	25	-	-	-	192
-----	----	----	---	---	---	-----

-200 to -300 149,760 25 - 30

15 - 18	8	9	5	-	-	22
18 - 21	4	18	-	-	-	22

TOTAL:	12	27	5	-	-	44
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30 - 35

15 - 18	57	1	-	-	-	58
18 - 21	29	13	-	-	-	42
21 - 24	17	-	-	-	-	17

TOTAL:	103	14	-	-	-	117
--------	-----	----	---	---	---	-----

1 2 3 4 5 6 7 8 9 10 11 12

TOTAL	415	57	1	-	-	-	-	-	-	-	58
ASH-WISE	15 - 18	37	22	5	-	-	-	-	-	-	64
	18 - 21	21	18	-	-	-	-	-	-	-	39

HORIZON TOTAL:

TOTAL: 115 41 5 - - - 161

C -300 to -400 32,320 30 - 35 15 - 18 29 - - - - 29

HORIZON TOTAL:

29 - - - - - 29

TOTAL	15	164	1	13	-	-	-	-	178
Ash-wise	15 - 18	118	25	17	-	-	-	-	160
	18 - 21	23	104	266	-	-	-	-	393
	21 - 24	-	11	582	-	-	-	-	593
	24 - 28	-	-	687	-	-	-	-	687

TOTAL FOR SECTOR: 1,173,600

305 141 1565 - - - 2,011

D ±0 & above 91040 20 - 22 21 - 24 - - 50 - - - 50

TOTAL: - - 50 - - - 50

Contd....

Seam: XVIIIB, Ex-band, Virgin, Contd.../-

: 565 :

1	2	3	4	5	6	7	8	9	10	11	12
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22 - 25 24 - 28 - - 43 - - - 43

TOTAL: - - 43 - - - 43

21 - 24 - - 35 - - - 35
24 - 28 - - 69 7 - - 76

TOTAL: - - 104 7 - - 111

18 - 21 - - 6 - - - 6

TOTAL: - - 6 - - - 6

TOTAL 18 - 21 - - 6 - - - 6
ASHWISE 21 - 24 - - 85 - - - 85
24 - 28 - - 112 7 - - 119

HORIZON TOTAL: - - 203 7 - - 210

D ±0 to -100 280,800 22 - 25 21 - 24 - - 61 - - 61
24 - 28 - - 50 - - 50

TOTAL: - - 111 - - 111

	1	2	3	4	5	6	7	8	9	10	11	12
25 - 30												
21 - 24								121	-	-	-	121
24 - 28								110	16	-	-	126
TOTAL:	-	-	-	-	-	-	-	231	16	-	-	247
30 - 35												
18 - 21								190	-	-	-	190
21 - 24								9	-	-	-	9
TOTAL:	-	-	-	-	-	-	-	199	-	-	-	199
TOTAL	18 - 21	-	-	-	190	-	-	-	-	-	-	190
ASH-WISE	21 - 24	-	-	-	191	-	-	-	-	-	-	191
	24 - 28	-	-	-	160	16	-	-	-	-	-	176
HORIZON TOTAL:		-	-	-	541	16	-	-	-	-	-	557
D	-100 to -200	243,840	25 - 30	18 - 21	-	-	-	15	-	-	-	15
				21 - 24	-	-	-	100	-	-	-	100
				24 - 28	-	-	-	279	-	-	-	279
	TOTAL:	-	-	-	394	-	-	-	-	-	-	394

Contd...

Seam: XVIIIB, Ex-band, Virgin, Contd.../-

: 567 :

1	2	3	4	5	6	7	8	9	10	11	12
30 - 35	18 - 21	-	-	-	50	-	-	-	-	-	50

TOTAL:	-	-	-	50	-	-	-	-	-	-	50
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TOTAL	18 - 21	-	-	65	-	-	-	-	-	-	65
ASH-WISE	21 - 24	-	-	100	-	-	-	-	-	-	100
	24 - 28	-	-	279	-	-	-	-	-	-	279

HORIZON TOTAL:

TOTAL:	-	-	-	444	-	-	-	-	-	-	444
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D	-200 to -300	160, 160	25 - 30	15 - 18	-	1	-	-	-	-	1
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	18 - 21	-	-	268	-	-	-	-	-	-	268
	21 - 24	-	-	24	-	-	-	-	-	-	24
	24 - 28	-	-	36	-	-	-	-	-	-	36
	28 - 35	-	-	24	-	-	-	-	-	-	24

TOTAL:	-	1	352	-	-	-	-	-	-	-	353
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30 - 35	15 - 18	-	8	4	-	-	-	-	-	-	12
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TOTAL:	-	8	4	-	-	-	-	-	-	-	12
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Contd.....

Seam: XVIII B, Ex-band, Virgin, Contd.../-

: 568 :

1	2	3	4	5	6	7	8	9	10	11	12
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TOTAL	15 - 18	-	9	4	-	-	-	-	-	-	13
ASH-WISE	18 - 21	-	-	268	-	-	-	-	-	-	268
	21 - 24	-	-	24	-	-	-	-	-	-	24
	24 - 28	-	-	36	-	-	-	-	-	-	36
	28 - 35	-	-	24	-	-	-	-	-	-	24

HORIZON TOTAL:

TOTAL:	-	9	356	-	-	-	-	-	-	-	365
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D	-300 to -400	147,680	25 - 30	15 - 18	-	-	45	-	-	-	45
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TOTAL:	-	-	45	-	-	-	-	-	-	-	45
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30 - 35	15 - 18	3	42	79	-	-	-	-	-	-	124
	18 - 21	18	41	-	-	-	-	-	-	-	59

TOTAL:	21	83	79	-	-	-	-	-	-	-	183
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TOTAL	15 - 18	3	42	124	-	-	-	-	-	-	169
ASH-WISE	18 - 21	18	41	-	-	-	-	-	-	-	59

HORIZON TOTAL:

21	83	124	-	-	-	-	-	-	-	-	228
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Contd.....

Seam: XVIII B, Ex-band, Virgin, Contd.../-

: 569 :

1	2	3	4	5	6	7	8	9	10	11	12
D	-400 to -500	4800	30 - 35	15 - 18	1	2	1	-	-	-	4
			18 - 21	-	-	2	-	-	-	-	2

HORIZON TOTAL:

TOTAL:	1	4	1	-	-	-	-	-	-	6
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TOTAL	15 - 18	4	53	129	-	-	-	186
Ash wise	18 - 21	18	43	529	-	-	-	590
	21 - 24	-	-	400	-	-	-	400
	24 - 28	-	-	587	23	-	-	610
	28 - 35	-	-	24	-	-	-	24

TOTAL FOR SECTOR: 928,320

TOTAL:	22	96	1,669	23	-	-	1,810
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6 ±0 & above 313440

25 - 30	21 - 24	-	80	-	-	-	80
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TOTAL:	-	80	-	-	-	-	80
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30 - 35

15 - 18	11	39	-	-	-	-	50
18 - 21	22	192	-	-	-	-	214
21 - 24	-	86	-	-	-	-	86

TOTAL:	33	317	-	-	-	-	350
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Contd....

1	2	3	4	5	6	7	8	9	10	11	12
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TOTAL	15 - 18	11	39	-	-	-	-	-	-	-	50
Ash-wise	18 - 21	22	192	-	-	-	-	-	-	-	214
	21 - 24	-	166	-	-	-	-	-	-	-	166

TOTAL FOR SECTOR	313,440	TOTAL:	33	397	-	-	-	-	-	-	430
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H	±0 & above	87200	25 - 30	15 - 18	-	-	-	153	-	-	153
			18 - 21	-	-	-	-	14	-	-	14

TOTAL:	-	-	-	167	-	-	-	167	-	-	167
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30 - 35	15 - 18	-	-	-	-	-	-	161	-	-	161
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TOTAL:	-	-	-	-	-	-	-	161	-	-	161
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TOTAL	15 - 18	-	-	-	-	-	-	314	-	-	314
ASH-WISE	18 - 21	-	-	-	-	-	-	14	-	-	14

HORIZON TOTAL:	-	-	-	-	-	-	-	328	-	-	328
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Seam: XVIIIB, Ex-band, Virgin, Contd.../-

: 571 :

1	2	3	4	5	6	7	8	9	10	11	12
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H ±0 to -100 206,400 22 - 25 21 - 24 2 - - 2 17 - - 21

TOTAL: 2 - 2 17 - - 21

25 - 30

15 - 18 - - 221 - - 221
18 - 21 - 17 4 202 - - 223
21 - 24 - 26 - 95 - - 121
24 - 28 1 - - - - - 1

TOTAL: 1 43 4 518 - - 566

TOTAL

ASH-WISE

15 - 18 - - 221 - - 221
18 - 21 - 17 4 202 - - 223
21 - 24 2 26 2 112 - - 142
24 - 28 1 - - - - - 1

HORIZON TOTAL:

H -100 to -200 100,480 25 - 30 21 - 24 3 43 6 535 - - 587

TOTAL: - - - 129 - - 129

Contd.....

1	2	3	4	5	6	7	8	9	10	11	12
		30 - 35	21 - 24	-	-	-	-	10	-	-	90
		24 - 28	-	-	-	-	-	81	-	-	81
		TOTAL:	-	-	-	-	-	171	-	-	171
		TOTAL	21 - 24	-	-	-	-	219	-	-	219
		ASH-WISE	24 - 28	-	-	-	-	81	-	-	81
		HORIZON TOTAL:	-	-	-	-	-	300	-	-	300
H	-200 & above	7200	30 - 35	21 - 24	-	-	-	2	-	-	2
			24 - 28	-	-	-	-	19	-	-	19
		HORIZON TOTAL:	:	-	-	-	-	21	-	-	21
		TOTAL	15 - 18	-	-	-	-	535	-	-	535
		ASH-WISE	18 - 21	-	-	17	4	216	-	-	237
			21 - 24	2	-	26	2	333	-	-	363
			24 - 28	1	-	-	-	100	-	-	101
		TOTAL FOR SECTOR:	401,280	3	43	6	1,184	-	-	-	1,236

Contd....

SEAM: XVIIIIB, EX-BAND, DEVELOPED

: 573 :

1	2	3	4	5	6	7	8	9	10	11	12
B	±0 & above	186,080	25 - 30	18 - 21	-	-	50	-	-	-	50
				21 - 24	-	-	78	-	-	-	78

TOTAL: - - 128 - - - 128

30 - 35	18 - 21	-	-	6	-	-	-	-	6
	21 - 24	-	41	81	-	-	-	-	122

TOTAL: - 41 87 - - - 128

TOTAL	18 - 21	-	-	56	-	-	-	-	56
ASH-WISE	21 - 24	-	41	159	-	-	-	-	200

TOTAL FOR SECTOR: 186,080 TOTAL: - 41 215 - - - 256

000

MADHUBAND UNDERGROUND BLOCK, CHARIA COALFIELD, DIST: DHANBAD, BIHAR.
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE, AND ASH-WISE NET PROVED RESERVES.

TABLE: NO. TA/R/D-32 (I)
SEAM: XVIII C (IN-BAND, VIRGIN)

SECTOR	HORIZON R.L.'S (M.)	Area (Sq. M.)	Ash. Range (%)	THICKNESS RANGE (m.)							TOTAL
				(Reserves in '000 tonnes)							
				0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	7.6.00		
A	± 0 & above	16,160	21 - 24	-	2	-	-	-	-	2	
			24 - 20	4	3	2	-	-	-	9	
			20 - 35	1	-	-	24	-	-	25	
	TOTAL FOR SECTOR			5	5	2	24	-	-	36	
				✓						✓	
B	± 0 & above	293,440	21 - 24	-	3	45	-	-	-	40	
			24 - 20	18	35	107	122	-	-	362	
			20 - 35	13	13	116	103	-	-	245	
	HORIZON TOTAL			31	51	348	225	-	-	655	
				✓						✓	
	± 0 to -100	177,440	24 - 20	-	4	72	-	-	-	76	
			20 - 35	17	23	76	-	-	-	116	
			735	19	36	105	-	-	-	160	
	HORIZON TOTAL			36	63	253	-	-	-	352	
				✓						✓	
	-100 to - 200	55,360	21 - 24	2	4	6	-	-	-	12	
			24 - 20	5	7	36	-	-	-	40	
			20 - 35	3	6	34	-	-	-	43	
	HORIZON TOTAL			10	17	76	-	-	-	103	
				✓						✓	

Contd....

SEAM: XVIIIc (Contd....)

: 575 :

1	2	3	4	5	6	7	8	9	10	11
B										
	TOTAL									
			21 - 24	2	7	51	-	-	-	60
			24 - 28	23	46	295	122	-	-	406
	ASH-WISE									
			20 - 35	33	42	226	103	-	-	404
		735		19	36	105	-	-	-	160
TOTAL FOR SECTOR		526,240		77	131	677	225	-	-	1,110
C										
	± 0 & above									
		409,280	24 - 20	-	-	425	61	-	-	486
			20 - 35	16	29	376	59	-	-	400
HORIZON TOTAL				16	29	801	120	-	-	966
	± 0 to -100									
		257,920	18 - 21	-	-	20	-	-	-	20
			21 - 24	-	-	66	-	-	-	66
			24 - 28	-	27	66	-	-	-	93
			28 - 35	109	57	54	-	-	-	220
HORIZON TOTAL				109	84	206	-	-	-	399
	-100 to -200									
		187,840	15 - 18	32	31	12	-	-	-	75
			18 - 21	16	15	74	-	-	-	105
			21 - 24	1	2	63	-	-	-	66
			24 - 28	-	5	26	-	-	-	31
			28 - 35	1	16	3	-	-	-	20
HORIZON TOTAL				50	69	178	-	-	-	297

Contd...

SEAM: XVIIIIC (In-band Contd...)

1	2	3	4	5	6	7	8	9	10	11
C	-200 to - 300	90,080	18 - 21	4	14	14	-	-	-	32
			21 - 24	14	26	28	-	-	-	68
			24 - 28	15	9	2	-	-	-	26
HORIZON TOTAL				33	49	44	-	-	-	126
	-300 to - 400	1,920	21 - 24	1	-	-	-	-	-	1
			24 - 28	1	-	-	-	-	-	1
HORIZON TOTAL				2	-	-	-	-	-	2
TOTAL			15 - 18	32	31	12	-	-	-	75
ASH-WISE			18 - 21	20	29	108	-	-	-	157
			21 - 24	16	28	157	-	-	-	201
			24 - 28	16	41	519	61	-	-	637
			28 - 35	126	102	433	59	-	-	720
TOTAL FOR SECTOR				210	231	1,229	120	-	-	1,790
D	± 0 & above	101,280	24 - 28	-	-	140	-	-	-	110
			28 - 35	-	-	90	39	-	-	129
HORIZON TOTAL				-	-	200	39	-	-	239

Contd...

SEAM: XVIIIIC (In-band Contd.....)

: 577 :

#1	2	3	4	5	6	7	8	9	10	11
D	0 to -100	341,920	24 - 28	-	-	279	-	-	-	279
			28 - 35	-	6	458	40	-	-	504
HORIZON TOTAL										
	-100 to -200	240,160	24 - 28	-	-	21	-	-	-	21
			28 - 35	1	66	430	-	-	-	497
HORIZON TOTAL										
	-200 to -300	156,800	24 - 28	2	14	33	-	-	-	49
			28 - 35	14	43	186	-	-	-	243
HORIZON TOTAL										
	-300 to -400	54,560	24 - 28	1	-	-	-	-	-	1
			28 - 35	51	5	-	-	-	-	56
HORIZON TOTAL										
	ASH-WISE	28 - 35	66	120	1,164	79	-	-	-	1,429
TOTAL FOR SECTOR										
			62	134	1,607	79	-	-	-	1,889

Contd.....

1	2	3	4	5	6	7	8	9	10	11
G	± 0 & above	TOTAL	ASH-WISE	735	2	-	-	-	-	2
	TOTAL FOR SECTOR	2,240		2 ✓	-	-	-	-	-	2
H	± 0 & above	37,440	15 - 18	-	-	3	-	-	-	3
			18 - 21	-	-	13	6	-	-	19
			21 - 24	-	4	18	30	-	-	52
			24 - 28	-	-	12	10	-	-	22
	HORIZON TOTAL			-	4	46	46	-	-	96 ✓
	± 0 to -100	235,840	15 - 18	1	8	43	14	-	-	66
			18 - 21	-	-	2	38	-	-	40
			21 - 24	3	3	-	29	-	-	35
			24 - 28	6	9	11	299	-	-	325
			28 - 35	16	20	72	97	-	-	205
	HORIZON TOTAL			26 ✓	40	128	477	-	-	671 ✓
	-100 to -200	60,000	28 - 35	13 ✓	17	56	37	-	-	123 ✓
	HORIZON TOTAL			13	17	56	37	-	-	123 ✓
	-200 to -300	4,320	28 - 35	1 ✓	2	4	-	-	-	7
	HORIZON TOTAL			1	2	4	-	-	-	7

Contd.....

SEAM: XVIIIC (In-band Contd...)

: 579 :

1	2	3	4	5	6	7	8	9	10	11
H		TOTAL	15 - 18	1	8	46	14	-	-	69
		ASH-WISE	18 - 21	-	-	15	44	-	-	59
			21 - 24	3	7	18	59	-	-	87
			24 - 28	6	9	23	309	-	-	347
			28 - 35	30	39	132	134	-	-	335
TOTAL FOR SECTOR			337,600	40	63	234	560	-	-	897

SEAM : XVIIIC (In-band, DEVELOPED)

1	2	3	4	5	6	7	8	9	10	11
B	± 0 & above	236,000	24 - 28	-	21	18	27	-	-	66
			28 - 35	20	20	106	231	-	-	377
HORIZON TOTAL				20	41	124	258	-	-	443
	± 0 to -100	3,840	24 - 28	-	3	2	-	-	-	5
HORIZON TOTAL				-	3	2	-	-	-	5

Contd....

SEAM: XVIIIIC (In-band, DEVELOPED) Contd....

: 580 :

1	2	3	4	5	6	7	8	9	10	11
B		TOTAL	24 - 28	-	24	20	27	-	-	71
		ASH-WISE	20 - 35	20	20	106	231	-	-	377
TOTAL FOR SECTOR		239,840		20	44	126	250	-	-	448

MADHUBAND UNDERGROUND BLOCK, CHARIA COALFIELD, DISTT: DHAMBAD, BIHAR

STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE, ASH-WISE AND V.M.U. WISE NET PROVED RESERVES

SEAM: XVIIIC (EX-BAND, VIRGIN)

(RESERVES IN '000 TONNES)

TABLE: NO. TA/R/D-32 (E)

TABLE NO. IV/R/D-32 (E)														THICKNESS RANGE (m.)										TOTAL
SECTOR	Horizon R.L.'s(m.)	Area (Sq.m.)	V.M. Range (%)	Ash. Range (%)																				
1	2	3	4	5	6	7	8	9	10	11	12													
A																								
± 0 & above					14,080	25 - 30	18 + 21	-	2	-	-	-	-	-	-	2								
							21 - 24	4	1	-	-	-	-	-	-	5								
							TOTAL	4	3	-	-	-	-	-	-	7								
						30 - 35																		
							21 - 24	-	16	-	-	-	-	-	-	16								
							TOTAL	-	16	-	-	-	-	-	-	16								
						TOTAL	10 - 21	-	2	-	-	-	-	-	-	2								
						ASH-WISE	21 - 24	4	17	-	-	-	-	-	-	21								
								4	19	-	-	-	-	-	-	23								
TOTAL FOR SECTOR					14,080																			
B																								
± 0 & above					163,520	25 - 30	18 - 21	-	15	109	-	-	-	-	-	124								
							21 - 24	24	19	10	-	-	-	-	-	53								
							TOTAL	24	34	119	-	-	-	-	-	177								

1	2	3	4	5	6	7	8	9	10	11	12
B	± 0 & above			30 - 35	18 - 21	-	3	11	-	-	14
				21 - 24	-	4	79	-	-	-	83
				TOTAL	-	7	90	-	-	-	97
				18 - 21	-	10	120	-	-	-	130
				21 - 24	24	23	89	-	-	-	136
				HORIZON TOTAL	24	41	209	-	-	-	274
	± 0 to -100			130,720	25 - 30	18 - 21	-	6	10	-	16
						21 - 24	6	17	53	-	76
						24 - 20	15	30	-	-	45
						28 - 35	35	8	-	-	43
				HORIZON TOTAL	56	61	63	-	-	-	180
	-100 to -200			49,200	22 - 25	10 - 21	6	-	-	-	6
						TOTAL	6	-	-	-	6
				25 - 30	18 - 21	-	1	-	-	-	1
					21 - 24	12	13	-	-	-	25
					24 - 20	16	3	-	-	-	19
					28 - 35	2	-	-	-	-	2
				TOTAL	30	17	-	-	-	-	47

Contd....

SEAM: XVIIIIC (Contd....)

: 583 :

1	2	3	4	5	6	7	8	9	10	11	12
				18 - 21	6	1	-	-	-	-	7
				21 - 24	12	13	-	-	-	-	25
				24 - 20	16	3	-	-	-	-	19
				20 - 35	2	-	-	-	-	-	2
HORIZON TOTAL				36	17	-	-	-	-	-	53

TOTAL											
ASH-WISE											
10 - 21	6	25	130	-	-	-	-	-	-	-	161
21 - 24	42	53	142	-	-	-	-	-	-	-	237
24 - 20	31	33	-	-	-	-	-	-	-	-	64
20 - 35	37	0	-	-	-	-	-	-	-	-	45

TOTAL-FUR SECTOR	343,520	116	119	272	-	-	-	-	-	-	507
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C ± 0 & above 423,600 22 - 25

21 - 24	-	-	170	-	-	-	-	-	-	-	170
24 - 20	-	-	143	-	-	-	-	-	-	-	143
TOTAL	-	-	313	-	-	-	-	-	-	-	313

25 - 30

18 - 21	15	1	01	-	-	-	-	-	-	-	97
21 - 24	5	-	-	-	-	-	-	-	-	-	5
24 - 20	1	-	106	-	-	-	-	-	-	-	107

TOTAL	21	1	267	-	-	-	-	-	-	-	289
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SEAM: XVIIIC (Contd...)

: 584 :

	1	2	3	4	5	6	7	8	9	10	11	12
C	±0 & above		423,680	30 - 35								
	15 - 10	2	20	3	-	-	-	-	-	-	-	25
	10 - 21	8	41	110	-	-	-	-	-	-	-	159
	21 - 20	1	-	-	-	-	-	-	-	-	-	1
	TOTAL	16	61	113	-	-	-	-	-	-	-	190
	TOTAL											
	15 - 10	2	20	3	-	-	-	-	-	-	-	25
	10 - 21	23	42	191	-	-	-	-	-	-	-	256
	21 - 24	10	-	170	-	-	-	-	-	-	-	100
	24 - 28	2	-	329	-	-	-	-	-	-	-	331
	HORIZON TOTAL											
	±0 to -100	243,680	22 - 25									
	18 - 21	-	1	12	-	-	-	-	-	-	-	13
	TOTAL	-	1	12	-	-	-	-	-	-	-	13
	25 - 30											
	18 - 21	25	39	106	-	-	-	-	-	-	-	170
	21 - 24	31	11	-	-	-	-	-	-	-	-	42
	24 - 28	7	2	-	-	-	-	-	-	-	-	9
	28 - 35	62	-	-	-	-	-	-	-	-	-	62
	TOTAL	125	52	106	-	-	-	-	-	-	-	203

585

Contd...

1	2	3	4	5	6	7	8	9	10	11	12
C	-100 to -200	105,600	22 - 25	15 - 18	18 - 21	23	15	-	-	-	11
				46	44	23	3	-	-	-	72
						24	15	-	-	-	53
				TOTAL	71	47	10	-	-	-	136
	25 - 30			15 - 18	-	3	-	-	-	-	3
				18 - 21	-	6	50	-	-	-	56
				21 - 24	-	20	-	-	-	-	20
				24 - 28	-	24	-	-	-	-	24
				TOTAL	-	53	50	-	-	-	103
	30 - 35			21 - 24	-	-	6	-	-	-	6
				TOTAL	-	-	6	-	-	-	6
	TOTAL			15	11	-	-	-	-	-	11
	ASH-WISE			15 - 18	46	26	3	-	-	-	75
				18 - 21	14	30	65	-	-	-	109
				21 - 24	-	20	6	-	-	-	26
				24 - 28	-	24	-	-	-	-	24
	HORIZON TOTAL			71	100	74	-	-	-	-	245

SEAM: XVIII (Contd....)

: 587 :

1	2	3	4	5	6	7	8	9	10	11	12
C	-200 to -300	92,160	22 - 25	<u>15</u> 8	-	-	2	-	-	-	10
				TOTAL	8	-	2	-	-	-	10
			25 - 30	<u>15</u> 51	-	-	2	-	-	-	53
				15 - 18	-	-	-	-	-	-	-
				10 - 21	-	25	22	-	-	-	47
				TOTAL	51	25	24	-	-	-	100
			TOTAL	<u>15</u> 59	-	-	4	-	-	-	63
			ASH-WISE	15 - 18	-	-	-	-	-	-	-
				18 - 21	-	25	22	-	-	-	47
			HORIZON TOTAL		59	25	26	-	-	-	110
			-300 & below	<u>15</u> 1	-	-	-	-	-	-	1
			HORIZON TOTAL		1	-	-	-	-	-	1
			TOTAL	<u>15</u> 71	-	-	4	-	-	-	75
			ASH-WISE	15 - 18	46	155	396	-	-	-	100
				10 - 21	62	31	176	-	-	-	613
				21 - 24	41	26	329	-	-	-	240
				24 - 28	9	-	-	-	-	-	364
				28 - 35	62	-	-	-	-	-	62
			TOTAL FOR SECTOR	946,720	293	250	911	-	-	-	1,462

Contd....

SEAM: XVIII (Contd...)

: 588 :

1	2	3	4	5	6	7	8	9	10	11	12
D	± 0 & above	101,200	25 - 30	10 - 21	-	-	4	-	-	-	4
				21 - 24	-	-	49	-	-	-	49
				24 - 28	19	-	-	-	-	-	19
				TOTAL	19	-	53	-	-	-	72
			30 - 35	10 - 21	-	-	9	-	-	-	9
				21 - 24	-	-	73	-	-	-	73
				24 - 28	-	-	13	-	-	-	13
				TOTAL	-	-	95	-	-	-	95
			ash-wise	10 - 21	-	-	13	-	-	-	13
				21 - 24	-	-	122	-	-	-	122
				24 - 28	19	-	13	-	-	-	32
				TOTAL	19	-	140	-	-	-	167
			HORIZON TOTAL:								
			± 0 to -100	205,600	25 - 30						
				21 - 24	2	3	-	-	-	-	5
				24 - 28	3	-	-	-	-	-	3
				TOTAL	5	3	-	-	-	-	8

Contd....

SEAM; XVIIIIC (Contd...)

589 : : 589 : :

	1	2	3	4	5	6	7	8	9	10	11	12
0	±0 to -100	205,600	30 - 35									
			10 - 21	-	25	100	-	-	-	-	-	213
			21 - 24	-	66	165	-	-	-	-	-	231
			24 - 20	-	13	-	-	-	-	-	-	13
			TOTAL	-	104	353	-	-	-	-	-	457
			TOTAL	-	104	353	-	-	-	-	-	457
			ASH-WISE									
			10 - 21	-	25	100	-	-	-	-	-	213
			21 - 24	2	69	165	-	-	-	-	-	230
			24 - 20	3	13	-	-	-	-	-	-	16
			HORIZON TOTAL	5	107	353	-	-	-	-	-	465
			-100 to -200	240,400	25 - 30							
			24 - 20	11	39	17	-	-	-	-	-	67
			20 - 35	1	87	19	-	-	-	-	-	107
			TOTAL	12	126	36	-	-	-	-	-	174
			30 - 35	21 - 24	-	33	-	-	-	-	-	33
			24 - 20	-	110	33	-	-	-	-	-	143
			20 - 35	-	37	-	-	-	-	-	-	37
			TOTAL	-	147	66	-	-	-	-	-	213

1	2	3	4	5	6	7	8	9	10	11	12
D	-100 to -200		TOTAL	21 - 24	-	-	33	-	-	-	33
			ASH-WISE	24 - 20	11	149	50	-	-	-	210
				20 - 35	1	124	19	-	-	-	144
			HORIZON TOTAL	12	273	102	-	-	-	-	387
	-200 to -300	156,000	25 - 30	15 - 18	5	1	-	-	-	-	6
				18 - 21	07	44	17	-	-	-	130
				21 - 24	9	13	1	-	-	-	22
				24 - 28	8	11	-	-	-	-	19
				28 - 35	-	3	-	-	-	-	3
			TOTAL	109	72	7	-	-	-	-	100
			30 - 35	24 - 20	2	-	-	-	-	-	2
			ASH-WISE	20 - 35	4	-	-	-	-	-	4
			TOTAL	6	-	-	-	-	-	-	6
			TOTAL	15 - 10	5	1	-	-	-	-	6
			ASH-WISE	10 - 21	07	44	7	-	-	-	130
				21 - 24	9	13	-	-	-	-	22
				24 - 20	10	11	-	-	-	-	21
				20 - 35	4	3	-	-	-	-	7
			HORIZON TOTAL	115	72	7	-	-	-	-	194

Contd.....

SEAM: XWIIIC(Contd...)

1	2	3	4	5	6	7	8	9	10	11	12
D	-300 to -400	19040	25 - 30	15 - 18	12	-	-	-	-	-	12
				10 - 21	3	-	-	-	-	-	3

HORIZON TOTAL

TOTAL	15 - 18	17	1	-	-	-	-	-	-	-	10
ASH-WISE	10 - 21	90	69	208	-	-	-	-	-	-	367
	21 - 24	11	02	320	-	-	-	-	-	-	413
	24 - 28	43	173	63	-	-	-	-	-	-	279
	20 - 35	5	127	19	-	-	-	-	-	-	151

TOTAL FOR SECTOR 804,000

166

452

610

-

-

-

1,220

H ± 0 & above 23,600 25 - 30

15 - 18	-	-	-	-	15	-	-	-	-	15
TOTAL	-	-	-	-	15	-	-	-	-	15

30 - 35

15	4	-	-	1	-	-	-	-	-	5
15 - 18	5	-	-	-	13	-	-	-	-	10
18 - 21	3	1	2	21	-	-	-	-	-	27
TOTAL	12	1	3	34	-	-	-	-	-	50

TOTAL

15

4

-

1

-

-

-

5

ASH-WISE

15 - 18

5

-

-

20

-

-

33

10 - 21

3

1

2

21

-

-

27

HORIZON TOTAL

12

1

3

49

-

-

65

Contd....

SEAM: XVIIIIC (Contd...)

: 592 :

	1	2	3	4	5	6	7	8	9	10	11	12
H		± 0 to -100	224,000	25 - 30	10 - 21	-	-	70	-	-	-	70
					21 - 24	-	-	-	32	-	-	32
					24 - 28	-	-	-	3	-	-	3
					TOTAL	-	-	70	35	-	-	105
			30 - 35		15 - 16	10	12	1	-	-	-	39
					15 - 18	3	4	12	3	-	-	22
					18 - 21	12	4	17	112	-	-	145
					21 - 24	21	10	37	57	-	-	125
					24 - 28	-	2	16	18	-	-	36
					TOTAL	52	30	94	191	-	-	367
				TOTAL	15	16	10	12	1	-	-	29
				ASH-WISE	15 - 18	3	4	12	3	-	-	22
					18 - 21	12	4	07	112	-	-	215
					21 - 24	21	10	37	89	-	-	157
					24 - 28	-	2	16	21	-	-	39
				HORIZON TOTAL	52	30	164	226	-	-	-	472

Contd....

SEAM: XVIIIIC(Contd....)

: 593 :

1	2	3	4	5	6	7	8	9	10	11	12
H	-100 to -200	71,200	25 - 30	24 - 20	-	-	-	4	-	-	4
				TOTAL	-	-	-	4	-	-	4
			30 - 35	21 - 24	-	2	10	9	-	-	29
				24 - 20	13	20	40	27	-	-	108
				TOTAL	13	22	66	36	-	-	137
			TOTAL	21 - 24	-	2	10	9	-	-	29
				24 - 20	13	20	40	31	-	-	112
			ASH - WISE								
				13		22	66	40	-	-	141
			HORIZON TOTAL								
			-200 to -300	7,200	30 - 35	21 - 24	-	-	11	5	16
						-	-	11	5	-	16
						-	-	11	5	-	16
			HORIZON TOTAL								
				TOTAL	15	20	10	13	1	-	44
			ASH - WISE	15 - 10	0	4	12	31	-	-	55
				10 - 21	15	5	09	133	-	-	242
				21 - 24	21	12	66	103	-	-	202
				24 - 20	13	22	64	52	-	-	151
			TOTAL FOR SECTOR	326,000	77	53	244	320	-	-	694

MADHUBAND UNDERGROUND BLOCK, CHARIA COALFIELD, DIST: DHANBAD, BIHAR.
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE, ASH-WISE AND V.M.U. WISE NET PROVED RESERVES
SEAM: XVIIIIC (EX-BAND, DEVELOPED)

TABLE:

(RESERVES IN 1000 TONNES)																	
SECTOR	Horizon R.L.'s (m.)	Area (Sq. m.)	V.M. Range (%)	Ash. Range (%)	THICKNESS RANGE (m.)										TOTAL		
					0.5 - 0.9	0.9 - 1.2	1.2 - 2.0	2.0 - 4.0	4.0 - 6.0	6.0 - 7.0	7.0 - 10.0	10.0 - 12.0	12.0 - 15.0	15.0 - 18.0			
1	2	3	4	5	6	7	8	9	10	11	12						
B	± 0 & above	236,000	25 - 30	10 - 21	12	30	7	-	-	-	-	-	-	49			
				21 - 24	9	4	-	-	-	-	-	-	-	13			
				24 - 20	4	-	-	-	-	-	-	-	-	1			
				TOTAL	22	34	7	-	-	-	-	-	-	63			
				30 - 35	18 - 1	1	-	52	-	-	-	-	-	53			
				21 - 24	1	12	233	-	-	-	-	-	-	246			
				24 - 20	1	-	-	-	-	-	-	-	-	1			
				TOTAL	3	12	205	-	-	-	-	-	-	300			
				TOTAL													
				ASH - WISE													
10 - 21																	
13																	
30																	
59																	
21 - 24																	
10																	
16																	
233																	
24 - 28																	
2																	
-																	
-																	
-																	
HORIZON TOTAL																	
25																	
46																	
292																	
-																	
-																	
-																	
± 0 to -100																	
3840																	
25 - 30																	
10 - 21																	
-																	
3																	
1																	
-																	
-																	
-																	
TOTAL																	
-																	
3																	
1																	
-																	
-																	
-																	
4																	

595

1	2	3	4	5	6	7	8	9	10	11	12
			TOTAL	10 - 21	13	33	60	-	-	-	106
			ASH - WISE	21 - 24	10	16	233	-	-	-	259
				24 - 28	2	-	-	-	-	-	2
TOTAL FOR SECTOR		239,840			25	49	293	-	-	-	367

SEAM: XVIIID, IN-BAND, VIRGIN.

TABLE:
SEAM: NO. TA/R/D-33 (I)

(Reserves in '000 tonnes)

SECTOR	Horizon R.L. ¹ (m)	Area (sq.m.)	Ash Range (%)	THICKNESS RANGE (m)							Total
				0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	6.00		
B	+ 0 & above		24 - 28	2	-	-	-	-	-	2	
			28 - 35	3	-	-	-	-	-	3	
			7 35	1	-	-	-	-	-	1	
	HORIZON TOTAL	7,040		6	-	-	-	-	-	6	
	+ 0 to -100		7 35	8	-	-	-	-	-	8	
	HORIZON TOTAL	9760		6	-	-	-	-	-	8	
	TOTAL		24 - 28	2	-	-	-	-	-	2	
	ASH-WISE		28 - 35	3	-	-	-	-	-	3	
			7 35	9	-	-	-	-	-	9	
	TOTAL FOR SECTOR	16800		14	-	-	-	-	-	14	

Seam: XVIIIID, In-band, Virgin, Contd....

: 597 :

1	2	3	4	5	6	7	8	9	10	11
C	+ 0 & above		21 - 24	2	-	-	-	-	-	2
			24 - 28	42	-	-	-	-	-	42
			28 - 35	91	-	-	-	-	-	91
			7 35	143	-	-	-	-	-	143

1	2	3	4	5	6	7	8	9	10	11
D	+ 0 & above									
	21 - 24	5	-	-	-	-	-	-	-	5
	24 - 28	15	-	-	-	-	-	-	-	15
	28 - 35	23	-	-	-	-	-	-	-	23
	7 35	17	-	-	-	-	-	-	-	17
HORIZON TOTAL				60	-	-	-	-	-	60
	+ 0 to -100									
	21 - 24	22	-	-	-	-	-	-	-	22
	24 - 28	36	-	-	-	-	-	-	-	36
	28 - 35	36	-	-	-	-	-	-	-	36
	7 35	41	-	-	-	-	-	-	-	41
HORIZON TOTAL				135	-	-	-	-	-	135
	-100 to -200									
	21 - 24	2	-	-	-	-	-	-	-	2
HORIZON TOTAL				2	-	-	-	-	-	2

Seam: XVIII D, In-band, Virgin, Contd....

: 599 :

1	2	3	4	5	6	7	8	9	10	11
D										

MADHUBHID UNDERGROUND BLOCK, CHHAILA COALFIELD, DIST: DHANBAD, BIHAR.

STATEMENT SHOWING SECTION - WISE, HORIZON - WISE, THICKNESS - WISE, V.M. - WISE AND ASH - WISE NET PROVED RESERVES
SECT: XVIIIID, EX-BAND, VIRGIN

: 600 :

TABLE: NO. TA/R/D-33 (E)

(Reserves in '000 tonnes)

SECTOR	Horizon R.L.' (m)	Area (sq.m.)	V.M. Range (%)	Ash Range (%)	THICKNESS RANGE (m)							Total
					0.5 - 0.9	0.9 - 1.2	1.2 - 2.00	2.00 - 4.00	4.00 - 6.00	7.6.00		
B	+ 0 & above		30 - 35	24 - 28	3	-	-	-	-	-	-	3
TOTAL FOR SECTOR					4000	3	-	-	-	-	-	3
C	+ 0 & above		30 - 35	21 - 24	10	-	-	-	-	-	-	10
				24 - 28	166	-	-	-	-	-	-	166
HORIZON TOTAL					184320	176	-	-	-	-	-	176
	+ 0 and -100		30 - 35	28 - 35	9	-	-	-	-	-	-	9
HORIZON TOTAL					1600	9	-	-	-	-	-	9
C			TOTAL	21 - 24	10	-	-	-	-	-	-	10
			ASH-WISE	24 - 28	166	-	-	-	-	-	-	166
				28 - 35	9	-	-	-	-	-	-	9
TOTAL FOR SECTOR					185920	185	-	-	-	-	-	185

Contd....

Seam: XVIIIID, Ex-band, Virgin Contd....

: 601 :

[illegible]

DATE

NO.

1

2

3

4

NAME

1

2

3

4

AGE

1

2

3

4

SEX

1

2

3

4

HEIGHT

1

2

3

4

WEIGHT

1

2

3

4

TEMP.

1

2

3

4

PULSE

1

2

3

4

BLOOD PRESS.

1

2

3

4

REMARKS

1

2

3

4

SEAM-WISE DETAILS OF COAL RESERVES
NON-COKING COAL (PROVED RESERVES)

602

TABLE: TA/R/D-34 (I)

SECTOR	Horizon R.L. (m)	Area	UHV Grade	THICKNESS RANGE (M)										TOTAL
				0.5-0.9	0.9-1.2	1.2-2.0	2.0-4.0	4.0-6.0	6.0					
1	2	3	4	5	6	7	8	9	10	11				
A	(-) 100 to		E	--	--	--	--	--	2628					
	(-) 200		F	--	--	--	--	--	929					
HORIZON TOTAL 114400				--	--	--	--	--	3557		3557			
	(-) 200 to		D	--	--	--	--	--	1190		1190			
	(-) 300		E	--	--	--	--	--	9610		9610			
			F	--	--	--	--	--	12381		12381			
HORIZON TOTAL 753280				--	--	--	--	--	23181		23181			
	(-) 300 to		E	--	--	--	--	--	4131		4131			
	(-) 400		F	--	--	--	--	--	3201		3201			
HORIZON TOTAL 254240				--	--	--	--	--	7332		7332			

1	2	3	4	5	6	7	8	9	10	11
A										
			D	--	--	--	--	--	1190	1190
			E	--	--	--	--	--	16369	16369
			F	--	--	--	--	--	16511	16511
SECTOR TOTAL 1121920										
B										
	(-) 200 to		F	--	--	--	--	--	238	238
	(-) 300									
HORIZON TOTAL 7200										
	(-) 300 to		E	--	--	--	--	--	7563	7563
	(-) 400		F	--	--	--	--	--	8663	8663
HORIZON TOTAL 540640										
	(-) 400 to		E	--	--	--	--	--	2281	2281
	(-) 500		F	--	--	--	--	--	11670	11670
HORIZON TOTAL 448160										
				--	--	--	--	--	13951	13951

604

B	E		
(-) 50040	--	--	20
(-) 600	--	--	6574

HORIZON TOTAL	2 2560							7291	7291
(-) 700 to								143	143
(-) 800									

SECTOR TOTAL	1504640	---	---	---	---	---	44443	44443
--------------	---------	-----	-----	-----	-----	-----	-------	-------

1	2	3	4	5	6	7	8	9	10	11
C	(-) 400 to		E	--	--	--	--	--	169	169
	(-) 500		F	--	--	--	--	--	4489	4489
HORIZON TOTAL 141120				--	--	--	--	--	4658	4658
	(-) 500 to		F	--	--	--	--	--	15062	15062
	(-) 600									
HORIZON TOTAL 480000				--	--	--	--	--	15062	15062
	(-) 600 to		F	--	--	--	--	--	6533	6533
	(-) 700									
HORIZON TOTAL 238720				--	--	--	--	--	6533	6533
	(-) 700 to		F	--	--	--	--	--	3427	3427
	(-) 800									
HORIZON TOTAL 127360				--	--	--	--	--	3427	3427

Seam No. V/VI/VII

: 606 :

1	2	3	4	5	6	7	8	9	10	11
C	(-) 800 to		F	--	--	--	--	--	957	957
	(-) 900									
	HORIZON TOTAL	37280		--	--	--	--	--	957	957
			E	--	--	--	--	--	-169	169
			F	--	--	--	--	--	30468	30468
	SECTOR TOTAL	1024480		--	--	--	--	--	30637	30637
D	(-) 500 to		F	--	--	--	--	--	507	507
	(-) 600									
	HORIZON TOTAL	15360		--	--	--	--	--	507	507
	(-) 600 to		F	--	--	--	--	--	2616	2616
	(-) 700									
	HORIZON TOTAL	79360		--	--	--	--	--	2616	2616

1	2	3	4	5	6	7	8	9	10	11
D										
	(-) 700 to		F	--	--	--	--	--	337	337
	(-) 800									
HORIZON TOTAL 13120										
	(-) 800 to		F	--	--	--	--	--	571	571
	(-) 900									
HORIZON TOTAL 22240										
	(+) 900 to		F	--	--	--	--	--	12	12
	(-) 1000									
HORIZON TOTAL 480										
			F	--	--	--	--	--	4043	4043
SECTOR TOTAL 130560										
				--	--	--	--	--	4043	4043
E + 0 & above										
			E	--	--	--	--	--	158	158
HORIZON TOTAL 4800										
				--	--	--	--	--	158	158

608 ::

	1	2	3	4	5	6	7	8	9	10	11
E + 0 fō (-) 100				D	--	--	--	--	--	350	350
				E	--	--	--	--	--	20741	20741
				F	--	--	--	--	--	1759	1759
HORIZON TOTAL	7	92320			--	--	--	--	--	22850	22850
(-) 100 to				E	--	--	--	--	--	279	279
(-) 200				F	--	--	--	--	--	169	169
HORIZON TOTAL	15040				--	--	--	--	--	448	448
				D	--	--	--	--	--	350	350
				E	--	--	--	--	--	21178	21178
				F	--	--	--	--	--	1928	1928
SECTOR TOTAL	812160				--	--	--	--	--	23456	23456
F + 0 to				D	--	--	--	--	--	314	314
(-) 100				E	--	--	--	--	--	40	40
HORIZON TOTAL	14080				--	--	--	--	--	354	354

1	2	3	4	5	6	7	8	9	10	11
F	(-) 100		D	--	--	--	--	--	798	788
	(-) 200		E	--	--	--	--	--	5631	5631
			F	--	--	--	--	--	790	790
HORIZON TOTAL 264800				--	--	--	--	--	7209	7209
	(-) 200 to		E	--	--	--	--	--	10380	10380
	(-) 300		F	--	--	--	--	--	691	691
HORIZON TOTAL 396960				--	--	--	--	--	11071	11071
	(-) 300 to		E	--	--	--	--	--	2325	2325
	(-) 400		F	--	--	--	--	--	697	697
HORIZON TOTAL 104640				--	--	--	--	--	3022	3022
			D	--	--	--	--	--	1102	1102
			E	--	--	--	--	--	18376	18376
			F	--	--	--	--	--	2178	2178
SECTOR TOTAL 780430				--	--	--	--	--	21656	21656

SEAM NO. V/VI/VII

: 610 :

	1	2	3	4	5	6	7	8	9	10	10
G	(-) 300 to			E	--	--	--	--	--	11083	11083
	(-) 400										
HORIZON TOTAL	354880				--	--	--	--	--	11083	11083
(-) 400 to				E	--	--	--	--	--	3725	3725
(-) 500				F	--	--	--	--	--	1891	1891
HORIZON TOTAL	174400				--	--	--	--	--	5616	5616
				E	--	--	--	--	--	14808	14808
				F	--	--	--	--	--	1891	1891
SECTOR TOTAL	529280				--	--	--	--	--	16699	16699

MADHUB AND U/G BLOCK

SEAM : V/VI/VII

(IN-Band)

VIRGIN

(NON-COKING)

(Reserves in '000 tonnes)

(BARRIER ZONE)

SECTOR	Horizon R.L.'s (M)	Ar a	UHV Grade	0.6-0.9	0.9-1.2	Thickness Range (M) 1.2-2.0	2.0-4.0	4.0-6.0	6.0	atOTAL
1	2	3	4	5	6	7	8	9	10	11
A	(-) 100 to		E	--	--	--	--	--	2163	2163
	(-) 200									
HORIZON	69440			--	--	--	--	--	2163	2163
(-) 200 to			E	--	--	--	--	--	602	602
(-) 300										
HORIZON TOTAL	18240			--	--	--	--	--	602	602
			E	--	--	--	--	--	2765	2765
SECTOR TOTAL	87680			--	--	--	--	--	2765	2765
B	(-) 200 to		E	--	--	--	--	--	74	74
(-) 300										
HORIZON TOTAL	2240			--	--	--	--	--	74	74

612

[illegible][illegible]

	E				375	375
SECTOR TOTAL					375	375
11360						

[illegible]

HORIZON TOTAL	45280	--	--	--	1462	1462
---------------	-------	----	----	----	------	------

+ 0 to	E	---	---	---	---	3161	3161
100	F	---	---	---	---	137	137

HORIZON TOTAL	112960	---	---	---	---	3298	3298
---------------	--------	-----	-----	-----	-----	------	------

E	---	---	---	---	4623	4623
E	---	---	---	---	137	137

SECTOR TOTAL	158240					4760	4760
--------------	--------	--	--	--	--	------	------

STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE AND GRADE-WISE NET PROVED RESERVES

Table : TA/R/D-34 (E)

(SEAM : V/VI/VII EX-B AND, VIRGIN) NON-COKING

(Reserves in '000 tonnes)

SECTOR	Horizon R.L.'s (m.)	Area (Sq. m.)	U.H.V. Grade	THICKNESS RANGE (m)									
				0.5-0.9	0.9-1.2	1.2-2.00	2.00-4.00	4.00-6.00	6.00-7.50	7.50-10.00	10.00-12.50	12.50-15.00	Total
1	2	3	4	5	6	7	8	9	10	11			
A	(-) 100 to		C	--	--	--	--	--	--	--			1666 1666
	(-) 200		D	--	--	--	--	--	--	--			316 316
	HORIZON TOTAL	114400		--	--	--	--	--	--	--			1982 1982
	(-) 200 to		C	--	--	--	--	--	--	--			8552 8552
	(-) 300		D	--	--	--	--	--	--	--			4856 4856
	HORIZON TOTAL	753280		--	--	--	--	--	--	--			13408 13408
	(-) 300 to		C (4940-5600)	--	--	--	--	--	--	--			1604 1604
	(-) 400		D (4200-4940)	--	--	--	--	--	--	--			3547 3547
	HORIZON TOTAL	254240		--	--	--	--	--	--	--			5151 5151

	1	2	3	4	5	6	7	8	9	10	11
A											
				C(4940-5600)	--	--	--	--	--	11822	11822
				D(4200-4940)	--	--	--	--	--	8719	8719
SECTOR TOTAL			1121920		--	--	--	--	--	20541	20541
B											
		(-) 200 to		C(4940-5600)	--	--	--	--	--	125	125
		(-) 300									
HORIZON TOTAL			7200		--	--	--	--	--	125	125
		(-) 300 to		C(4940-5600)	--	--	--	--	--	2154	2154
		(-) 400		D(4200-4940)	--	--	--	--	--	8288	8288
HORIZON TOTAL			540640		--	--	--	--	--	10442	10442
		(-) 400 to		C(4940-5600)	--	--	--	--	--	20	20
		(-) 500		D(4200-4940)	--	--	--	--	--	9581	9581
HORIZON TOTAL			448160		--	--	--	--	--	9601	9601

SEAM NO. V/VI/ VII(Contd.)

1	2	3	4	5	6	7	8	9	10	11
B	(-) 500 to		D(4200-4940)	--	--	--	--	--	4535	4535
	(-) 600									
		HORIZON TOTAL	261760	--	--	--	--	--	4535	4535
	(-) 600 to		D(4200-4940)	--	--	--	--	--	4347	4347
	(-) 700									
		HORIZON TOTAL	242560	--	--	--	--	--	4347	4347
	(-) 700 to									
	(-) 800		D(4200-4940)	--	--	--	--	--	75	75
		HORIZON TOTAL	4320	--	--	--	--	--	75	75
			C(4940-5600)	--	--	--	--	--	2299	2299
			D(4200-4940)	--	--	--	--	--	26826	26826
		SECTOR TOTAL	1504640	--	--	--	--	--	29125	29125

SEAL NO. V/VI/VII

1	2	3	4	5	6	7	8	9	10	11
---	---	---	---	---	---	---	---	---	----	----

C (-) 400 to D(4200-4940) 2457 2457

(-) 500

HORIZON TOTAL 141120 2457 2457

(-) 500 to D(4200-4940) 8548 8548

(-) 600

HORIZON TOTAL 480000 8548 8548

C (-) 600 to D(4200-4940) 4136 4136

(-) 700

HORIZON TOTAL 238720 4136 4136

(-) 700 to D(4200-4940) 2206 2206

(-) 800

HORIZON TOTAL 127360 2206 2206

Seam : V/VI/VII, Ex-band, Virgin (Contd.)

: 617 :

	1	2	3	4	5	6	7	8	9	10	Total
C											
	{-}	800 to		4200-4940 (D)						646	646
	{-}	900									
HORIZON TOTAL			37280							646	646
				4200-4940 (D)						17993	17993
SECTOR TOTAL			1024480							17993	17993
D											
	{-}	500 to		4200-4940 (D)						266	266
	{-}	600									
HORIZON TOTAL			15360							266	266
	{-}	600 to		4200-4940 (D)						1375	1375
	{-}	700									
HORIZON TOTAL			79360							1375	1375
	{-}	700 to		4200-4940 (D)						227	227
	{-}	800									
HORIZON TOTAL			13120							227	227
	{-}	800 to		4200-4940 (D)						385	385
	{-}	900									
HORIZON TOTAL			22240							385	385
	{-}	900 to		4200-4940 (D)						8	8
	{-}	1000									
HORIZON TOTAL			480							8	8

∴ 618 ∴

SECTOR TOTAL	130560	2261	2261
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$\pm$ 0 to (-) 100	4940-5600 (C)	7262	7262
4200-4940 (D)		5390	5390

HORIZON TOTAL	15040	282	282
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SECTOR TOTAL	812160	13017	13017
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	$\frac{+}{-}$ 0 t_0	100
HORIZON TOTAL	14080	
		4940-5600 (C)
	244	244
	244	244

Seam : V/VI/VII. Ex-band, Virgin (Contd.)

: 619 :

	1	2	3	4	5	6	7	8	9	10	TOTAL
F	{-} 100 to 200			4940-5600 (C)						1185	1185
				4200-4940 (D)						3509	3509
	HORIZON TOTAL		264800								4694
	{-} 200 to 300			4940-5600 (C)						18	18
				4200-4940 (D)						7648	7648
	HORIZON TOTAL		396960								7666
	{-} 300 to 400			4200-4940 (D)						1903	1903
	HORIZON TOTAL		104640							1903	1903
				4940-5600 (C)						1447	1447
G				4200-4940 (D)						13060	13060
	HORIZON TOTAL		780480							14507	14507
	{-} 300 to 400			4200-4940 (D)						8215	8215
	HORIZON TOTAL		354880							8215	8215
	{-} 400 to 500			4200-4940 (D)						4208	4208
	HORIZON TOTAL		174400							4208	4208
SECTOR TOTAL		529280		4200-4940 (D)						12423	12423
										12423	12423

620

(Reserves in '000 tonnes)

SECTOR	Horizon	Area R.L.'s (m.)	U.H.V. (Grade)	THICKNESS RANGE (m.)										
				0.5-0.9	0.9-1.2	1.2-2.00	2.00-4.00	4.00-6.00	>6.00	TOTAL				
1	2	3	4	5	6	7	8	9	10	11				

[illegible]

HORIZON TOTAL	69.40	1203	1203
(-) 200 to		316	316
(-) 300			
	C		

HORIZON TOTAL	18240	316	316
C		1508	1508
D		11	11

SECTOR TOTAL	87680	1519	1519
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[illegible]

MADHUBAND UNDERGROUND BLOCK, JHARIA COALFIELD, DIST : DHANBAD, BIHAR
STATEMENT SHOWING SECTOR-WISE, HORIZON-WISE, THICKNESS-WISE AND GRADE-WISE NET PROVED RESERVES

(SEAM VIII, INBAND, VIRGIN)

Table : TA/II/D-35 (I)

(Reserves in '000 tonnes)

SECTOR	Horizon R.L.'s (m.)	Area (Sq. m.)	U.H.V. (Grade)	THICKNESS RANGE (m.)							TOTAL
				0.5-0.9	0.9-1.2	1.2-2.0	2.0-4.0	4.0-6.0	> 6.0		
1	2	3	4	5	6	7	8	9	10	11	
A	-100 to -200	407,520	4940-5600(C)	-	-	-	141	-	-	141	
			4200-4940(D)	-	1	78	403	-	-	482	
			3360-4200(E)	-	24	395	26	-	-	445	
			2400-3360(F)	-	-	17	-	-	-	17	
HORIZON TOTAL				-	25	490	570	-	-	1085	
	-200 to -300	606,080	4200-4940(D)	11	41	302	372	-	-	726	
			3360-4200(E)	45	74	444	231	-	-	794	
HORIZON TOTAL				56	115	746	603	-	-	1520	
	-300 to -400	82,400	4200-4940(D)	-	-	3	-	-	-	3	
			3360-4200(E)	-	-	-	34	-	-	34	
			2400-3360(F)	-	4	123	48	-	-	175	
HORIZON TOTAL				-	4	126	82	-	-	212	

Contd.

	1	2	3	4	5	6	7	8	9	10	
TOTAL UHV-WISE											
				4940-5600(C)	-	-	-	141	-	-	141
				4200-4940(D)	11	42	383	775	-	-	1211
				3360-4200(E)	45	98	839	291	-	-	1273
				2400-3360(F)	-	4	140	48	-	-	192
TOTAL FOR SECTOR			1,096,000		56	144	1362	1255	-	-	2817
B											
	-200 to -300		167,200	4200-4940(D)	-	-	2	57	-	-	59
				3360-4200(E)	-	-	8	495	-	-	503
HORIZON TOTAL											
					-	-	10	552	-	-	562
	-300 to -400		549,280	4200-4940(D)	-	-	7	622	-	-	629
				3360-4200(E)	-	-	113	776	-	-	889
				2400-3360(F)	-	-	70	208	-	-	278
HORIZON TOTAL											
					-	-	190	1606	-	-	1796
	-400 to -500		325,440	4200-4940(D)	-	-	-	22	-	-	22
				3360-4200(E)	-	-	322	125	-	-	447
				2400-3360(F)	-	-	420	5	-	-	425
HORIZON TOTAL											
					-	-	742	152	-	-	894

Contd.