

EQUIPMENT DATA OF O. H. P. & BNP.[illegible]CONVEYOR DATA OF Q.H.P. & BNP[illegible]

CONVEYOR DATA OF WET-SCREENING PLANT											
ITEM NO.	BELT COUN	CAPACITY OF BELT M ³ /H	SPEED OF BELT M/SEC	BELT WIDTH MM	CONV BELT TYPE	MOTOR T.P.C	ELECTRICAL CONNECTIONS 3 PHASE	ESTIMATED H.P.	SELECTED H.P.	R.P.M OF MOTOR	REMARKS
1	A	300	34.32	18	800	—	—	7.345	10	1440	
2	B	35.0	39.49	18	800	—	—	12.02	15	1440	
3	D	35.0	59.40	18	800	—	—	—	20	1440	
4	E	35.0	39.40	18	800	—	—	4.5	20	1440	
5	G	35.0	100	18	1200	—	—	—	10	730	
6	H	350	32.84	18	800	—	—	5.889	7.5	1440	
7	J	350	32.84	18	650	—	—	3.15	7.5	1440	
8	K	200	33.84	18	650	—	—	3.36	7.5	1440	
9	M	250	24.60	18	650	—	—	—	—	—	
10	L	200	33.70	18	650	—	—	4.08	7.5	1440	
11	P	200	32.72	18	650	—	—	—	13.4	20	1440

EQUIPMENT DATA OF WET-SCREENING PLANT						
ITEM No.	REQUISITIONS	SIZE	CAPACITY	MOTOR H. P.	MOTOR SPEED	REMARKS
1	FEEDER	1200		10	718 R.M.	FEEEDER SHAVING SPEED CONT
2	DOUBLE DECK SCREEN	6' X 14'	350 T.P.H.	35	1460 R.P.M.	ROLLING OF SPEED RANGE
3	FEEDER	4' X 36'	100 T.P.H.	5	1435 R.P.M.	300 - 800 R.P.M.
4	POWER TRANSFER	4' X 15'	100 T.P.H.	5	1435 R.P.M.	
5	SLURRY PUMP	—	100 M ³ /H	20	1475 R.P.M.	
6	DEWATERING PUMP	—	—	10	1460 R.P.M.	
7	BINS	—	150 T			

STEEL AUTHORITY OF INDIA LTD
ROURKELA STEEL PLANT
BARSUA IRON MINE

FLOW CHART CONVEYOR & EQUIPMENT DATA
ORE HANDLING & WET SCREENING SYSTEM.

PREPARED BY	A. MUNDA.	DRAWN BY	
CHECKED BY	<i>[Signature]</i>	SCALE	
DESIGNER		DATE	26.8

TRACED FROM DRG. No. G-8	DRG. No.	IRON/BNP/G/1
OF SUMITOMO MACHINERY Co. LTD. NITTETSU MINING CONSULTANTS Co. LTD.		