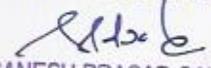


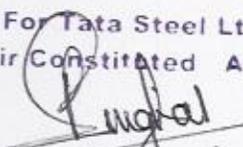
Boundary Description of Approved Forest Boundary						
Pillars at Guruda Block						
PILLAR		FORWARD BEARING		BACKWARD BEARING		DISTANCE(M)
FROM	To	DEG.	MIN.	DEG.	MIN.	
BAP1	BAP2	90	30	270	30	70
BAP2	BAP3	121	0	301	0	86
BAP3	BAP4	88	30	268	30	52
BAP4	BAP5	47	0	227	0	143
BAP5	BAP6	38	0	218	0	114
BAP6	BAP7	89	0	269	0	53
BAP7	BAP8	179	30	359	30	127
BAP8	BAP9	178	0	358	0	230
BAP9	BAP10	180	0	360	0	260
BAP10	BAP11	178	30	358	30	147
BAP11	BAP12	272	0	92	0	80
BAP12	BAP13	189	30	9	30	97
BAP13	BAP14	176	0	356	0	95
BAP14	BAP15	240	30	60	30	357
BAP15	BAP16	0	0	180	0	100
BAP16	BAP17	235	0	55	0	105
BAP17	BAP18	320	30	140	30	238
BAP18	BAP19	311	30	131	30	162
BAP19	BAP20	2	0	182	0	427
BAP20	BAP1	2	0	182	0	221
BAP21	BAP22	90	0	270	0	341
BAP22	BAP23	191	30	11	30	525
BAP23	BAP24	272	0	92	0	237
BAP24	BAP21	0	0	180	0	505

Boundary Description of future required Forest Boundary Pillars at Guruda Block						
PILLAR		FORWARD BEARING		BACKWARD BEARING		DISTANCE(M)
FROM	To	DEG.	MIN.	DEG.	MIN.	
AF1	AF2	127	0	307	0	160
AF2	AF3	197	0	17	0	163
AF3	AF4	268	30	88	30	347
AF4	AF5	62	0	242	0	251
AF5	AF6	17	30	197	30	150
AF6	AF7	86	0	266	0	163
AF7	AF8	169	30	349	30	460
AF8	AF9	278	0	98	0	187
AF9	AF10	331	0	151	0	30
AF10	AF11	65	0	245	0	28
AF11	AF12	346	0	166	0	77
AF12	AF13	270	0	90	0	80
AF13	AF14	337	30	157	30	175
AF14	AF15	4	0	184	0	47
AF15	AF16	87	0	267	0	102
AF16	AF6	352	0	172	0	90

FOR TATA STEEL LTD.
By their Constituted Attorney


(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division)

For Tata Steel Ltd.
By their Constituted Attorney

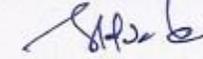

RAJEEV SINGHAL
Executive-in-Charge
Ferro Alloys & Minerals

ASKING HAL FOREST		
dlc1	21°55'45.88"	85°23'43.48"
dlc3	21°55'41.65"	85°23'48.43"
dlc4	21°55'36.57"	85°23'48.30"
dlc5	21°55'36.57"	85°23'43.90"
dlc6	21°55'36.57"	85°23'38.70"
dlc7	21°55'36.56"	85°23'34.26"
LEASE--P	21°55'40.37"	85°23'43.20"
kf1	21°55'07.15"	85°23'29.04"
kf2	21°55'07.16"	85°23'35.50"
kf3	21°54'57.24"	85°23'37.79"
kf5	21°54'57.25"	85°23'30.36"
kf6	21°54'57.30"	85°23'29.70"
kf7	21°54'57.23"	85°23'29.37"
kf8	21°54'58.61"	85°23'29.11"
kf9	21°55'02.46"	85°23'27.34"
kf10	21°55'04.87"	85°23'27.32"
kf11	21°55'04.89"	85°23'29.01"
dlc8	21°54'57.30"	85°23'32.23"
dlc9	21°54'55.97"	85°23'32.91"
dlc10	21°54'54.63"	85°23'33.17"
dlc11	21°54'54.41"	85°23'32.34"
dlc12	21°54'53.65"	85°23'32.61"
LEASE-X	21°54'53.05"	85°23'35.84"
LEASE-Y	21°54'52.93"	85°23'38.79"
dlc13	21°54'57.24"	85°23'37.79"

ASKING SABIK FOREST		
SF1	21°55'58.78"	85°24'9.63"
SF2	21°55'58.25"	85°24'9.56"
SF3	21°55'57.92"	85°24'9.46"
SF4	21°55'57.56"	85°24'9.36"
SF5	21°55'56.95"	85°24'8.96"
SF6	21°55'56.08"	85°24'8.88"
SF7	21°55'48.72"	85°24'7.6"
SF8	21°55'42.36"	85°24'5.89"
SF9	21°55'42.47"	85°23'57.9"
SF10	21°55'58.92"	85°23'57.8"
SF11	21°55'26.72"	85°23'41.4"
SF12	21°55'26.73"	85°23'42.1"
SF13	21°55'35.43"	85°23'42.5"
SF14	21°55'33.99"	85°23'52.9"
SF15	21°55'24.16"	85°23'52.1"
SF16	21°55'25.34"	85°23'44.8"
SF17	21°55'23.37"	85°23'44.8"
SF18	21°55'23.42"	85°23'52.9"
SF19	21°55'16.9"	85°23'51.2"
SF20	21°55'8.55"	85°23'50.3"
SF21	21°55'7.79"	85°23'35.3"
SF22	21°55'7.14"	85°23'35.5"
SF23	21°55'7.15"	85°23'30.6"
SF24	21°55'3.82"	85°23'30.7"
SF25	21°55'3.9"	85°23'27.3"
SF26	21°55'2.45"	85°23'27.3"
SF27	21°54'58.59"	85°23'29.1"
SF28	21°54'57.21"	85°23'29.3"
SF29	21°54'57.28"	85°23'29.7"
SF30	21°54'57"	85°23'30.3"
SF31	21°54'57.29"	85°23'32.2"
SF32	21°54'55.95"	85°23'32.9"
SF33	21°54'54.61"	85°23'33.1"
SF34	21°54'54.39"	85°23'32.3"
SF35	21°54'53.64"	85°23'32.6"
SF36	21°54'54.4"	85°23'28.5"
SF37	21°54'57.02"	85°23'22.8"
SF38	21°55'8.59"	85°23'23.4"
SF39	21°55'14.82"	85°23'23"
SF40	21°55'14.95"	85°23'21.1"
SF41	21°55'16.9"	85°23'21.1"
SF42	21°55'16.86"	85°23'41.3"

FOR TATA STEEL LTD.

By their Constituted Attorney



(GANESH PRASAD SAHU)

Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division)