

MAP SHOWING THE FOREST CLEARENCE AREA REQUIRED FOR PROPOSED DOWNHILL CONVEYOR & SERVICE ROADS,
FOR THE SANDUR MANGANESE & IRON ORE MINES LTD.,WITH DGPS READINGS OVER AN EXTENT OF 2.4313888 Ha.
IN SWAMIMALAI BLOCK, SANDUR SOUTH RANGE, SANDUR TALUK,BALLARI DISTRICT., KARNATAKA.

DGPS AND TOTAL STATION READINGS OF PROPOSED CONVEYOR BELT & APPROACH ROAD SR2 & SR3.											
Sl No	Corner point No	Latitude			Longitude			Total station reading			
		D	M	S	D	M	S	x	y		
Reference Point (DGPS CO ORDINATES)											
1	A 189	N15	1	21.57832	E 76	37	0.80848				
2	A 190	N15	1	32.90830	E 76	36	46.85693	673505.438	1661555.125		
3	A 191	N15	1	38.88202	E 76	36	46.98204	673508.500	1661738.625		
4	A 192	N15	1	46.55526	E 76	36	52.59599	673675.668	1661975.322		
5	A 193	N15	1	45.05065	E 76	37	2.30528				
6	A 194	N15	1	40.46889	E 76	37	10.36927				
7	VB 01	N15	1	59.52034	E 76	36	42.81136	673382.702	1662372.925		
8	VB 02	N15	1	52.94693	E 76	36	36.98539	673209.414	1662171.107		
Conveyor Belt Point.											
9	C01	N15	1	36.98601	E 76	36	50.81881	673623.522	1661681.043		
10	C02	N15	1	37.29646	E 76	36	51.20627	673635.065	1661690.622		
11	C03	N15	1	40.70423	E 76	36	48.31519	673548.373	1661795.083		
12	C04	N15	1	40.2923	E 76	36	48.01382	673539.412	1661782.394		
13	C05	N15	1	53.72086	E 76	36	36.62087	673197.791	1662194.035		
14	C06	N15	1	55.54172	E 76	36	35.72688	673170.91	1662249.914		
15	C07	N15	2	6.80207	E 76	36	26.17308	672884.447	1662595.093		
16	C08	N15	2	6.48228	E 76	36	25.7935	672873.14	1662585.229		
17	C35	N15	1	50.28607	E 76	36	40.18392	673304.472	1662088.615		
18	C36	N15	1	49.97558	E 76	36	39.79647	673292.964	1662079.066		
19	C37	N15	1	47.46525	E 76	36	41.92627	673356.782	1662002.078		
20	C38	N15	1	44.65624	E 76	36	44.30946	673428.234	1661915.962		
21	C39	N15	1	42.1377	E 76	36	46.44619	673492.296	1661838.751		
SR2 APPROACH ROAD POINTS											
22	C12	N15	1	47.77362	E 76	36	42.3175	673368.53	1662011.789		
23	C13	N15	1	48.5552	E 76	36	42.75759	673361.632	1662020.1		
24	C14	N15	1	48.64536	E 76	36	42.39495	673370.758	1662038.589		
25	C15	N15	1	48.04476	E 76	36	42.08748	673381.598	1662035.852		
SR3 APPROACH ROAD POINTS											
26	C16	N15	1	49.14793	E 76	36	41.15152	673333.567	1662053.917		
27	C17	N15	1	49.3991	E 76	36	40.93843	673327.178	1662061.616		
28	C18	N15	1	52.25798	E 76	36	44.28692	673426.917	1662149.802		
29	C19	N15	1	52.85937	E 76	36	43.67519	673408.586	1662168.227		
30	C20	N15	1	53.78802	E 76	36	42.326	673368.195	1662196.641		
31	C21	N15	1	54.35706	E 76	36	41.59628	673346.343	1662214.061		
32	C22	N15	1	54.55231	E 76	36	40.61988	673317.159	1662219.969		
33	C23	N15	1	55.40829	E 76	36	38.19316	673244.59	1662246.047		
34	C24	N15	1	53.47952	E 76	36	37.47651	673223.372	1662186.699		
35	C25	N15	1	53.76633	E 76	36	37.23137	673216.076	1662195.491		
36	C26	N15	1	55.82564	E 76	36	37.99124	673238.518	1662258.855		
37	C27	N15	1	54.86623	E 76	36	40.7112	673319.856	1662229.626		
38	C28	N15	1	54.65995	E 76	36	41.74284	673350.691	1662223.384		
39	C29	N15	1	54.04789	E 76	36	42.52769	673374.194	1662204.647		
40	C30	N15	1	53.1084	E 76	36	43.89265	673415.057	1662175.902		
41	C31	N15	1	51.73207	E 76	36	45.29263	673457.009	1662133.734		
42	C32	N15	1	51.80128	E 76	36	45.01639	673448.751	1662135.835		
43	C33	N15	1	51.5782	E 76	36	44.78339	673441.813	1662128.956		
44	C34	N15	1	51.74159	E 76	36	44.18937	673424.054	1662133.922		

DGPS AND TOTAL STATION READINGS OF PROPOSED CONVEYOR BELT APPROACH ROAD SR1A TO SR1G											
Corner point No	D	Latitude			D	Longitude			Total station reading	Remark	Y
		M	S			M	S				
1	N15	1	41.47037	E 76	36	48.87572	673564.94		1661818.5	SR1a	
2	N15	1	41.47901	E 76	36	47.65786	673528.56		1661818.625		
3	N15	1	41.80636	E 76	36	47.38014	673520.25		1661828.625		
4	N15	1	41.79406	E 76	36	49.11254	673572		1661838.375		
5	N15	1	41.79707	E 76	36	48.68768	673593.31		1661828.5	SR1b	
6	N15	1	42.44608	E 76	36	46.83763	673593.94		1661848.25		
7	N15	1	44.02606	E 76	36	45.49698	673463.75		1661896.75		
8	N15	1	44.02996	E 76	36	45.81402	673473.25		1661896.875		
9	N15	1	42.68114	E 76	36	47.15614	673513.44		1661855.5		
10	N15	1	42.12202	E 76	36	48.7474	673561.06		1661838.5		
11	N15	1	42.17725	E 76	36	49.34931	673579		1661838.375		
12	N15	1	42.23072	E 76	36	49.43203	673581.5		1661841.875	SR1c	
13	N15	1	42.2488	E 76	36	48.9923	673568.38		1661842.375		
14	N15	1	42.76384	E 76	36	47.7719	673531.81		1661858.125		
15	N15	1	44.30308	E 76	36	46.84871	673504.19		1661874.625		
16	N15	1	44.60481	E 76	36	45.58271	673466.23		1661874.5		
17	N15	1	44.6421	E 76	36	45.1779	673454.19		1661915.625		
18	N15	1	44.6409	E 76	36	44.97534	673448.13		1661915.5		
19	N15	1	44.96461	E 76	36	44.7007	673439.88		1661925.5		
20	N15	1	44.96756	E 76	36	45.19327	673454.63		1661925.625		
21	N15	1	44.91537	E 76	36	45.7949	673470.04		1661930.04		
22	N15	1	43.55902	E 76	36	47.06046	673510.5		1661882.5		
23	N15	1	43.05376	E 76	36	47.92541	673536.38		1661867		
24	N15	1	42.57132	E 76	36	49.06947	673570.63		1661852.375	SR1d	
25	N15	1	42.54683	E 76	36	49.6631	673588.38		1661851.625		
26	N15	1	43.03945	E 76	36	50.24046	673599.06		1661866.75		
27	N15	1	43.24996	E 76	36	48.99468	673568		1661873.125		
28	N15	1	43.98306	E 76	36	47.51243	673524		1661896.625		
29	N15	1	45.45422	E 76	36	46.1105	673481.94		1661940.625		
30	N15	1	45.49262	E 76	36	45.6631	673465.63		1661941.75		
31	N15	1	45.7786	E 76	36	44.8512	673431.94		1661935.125		
32	N15	1	45.56303	E 76	36	44.10997	673424.69		1661943.875		
33	N15	1	45.82025	E 76	36	45.5428	673464.94		1661951.875		
34	N15	1	45.76947	E 76	36	46.26637	673486.56		1661950.375		
35	N15	1	44.24636	E 76	36	47.71779	673530.06		1661903.625		
36	N15	1	43.55997	E 76	36	49.99709	673571.38		1661882.75		
37	N15	1	43.32488	E 76	36	50.2358	673605.39		1661875.75	SR1e	
38	N15	1	43.9542	E 76	36	50.69298	673619		1661895		
39	N15	1	44.02827	E 76	36	49.15541	673573.06		1661897.125		
40	N15	1	44.6994	E 76	36	47.74594	673530.88		1661917.625		
41	N15	1	45.70835	E 76	36	46.1072	673505.81		1661948.5		
42	N15	1	46.42213	E 76	36	46.0751	673480.81		1661970.375		
43	N15	1	46.47427	E 76	36	45.91585	673476.06		1661972		
44	N15	1	46.2581	E 76	36	44.97065	673447.81		1661965.25		
45	N15	1	45.90912	E 76	36	43.89934	673415.88		1661954.375		
46	N15	1	46.17797	E 76	36	43.67126	673409		1661962.625		
47	N15	1	46.57356	E 76	36	44.37893	673455.06		1661974.875		
48	N15	1	46.81225	E 76	36	45.93215	673476.5		1661982.375		
49	N15	1	46.70665	E 76	36	46.24571	673485.88		1661979.25		
50	N15	1	45.93419	E 76	36	47.15343	673513.06		1661955.5		
51	N15	1	44.59974	E 76	36	47.94012	673537.25		1661935.625		
52	N15	1	44.54901	E 76	36	49.34909	673575.56		1661907		
53	N15	1	44.26886	E 76	36	50.92321	673625.81		1661904.625	SR1f	
54	N15	1	47.24628	E 76	36	45.26837	673456.69		1661995.625		
55	N15	1	46.50688	E 76	36	43.39224	673400.75		1661972.5		
56	N15	1	46.77	E 76	36	43.189	673394.06		1661980.5		
57	N15	1	47.15783	E 76	36	44.15321	673423.38		1661992.625		
58	N15	1	44.51888	E 76	36	51.10611	673631.25		1661912.375	SR1g	
59	N15	1	45.05092	E 76	36	48.59483	673556		1661928.5		
60	N15	1	46.1709	E 76	36	47.2884	673514.69		1661962.75		
61	N15	1	47.29515	E 76	36	45.1831	673481.56		1661982.25		
62	N15	1	47.28499	E 76	36	45.5666	673479.19		1661996.875		
63	N15	1	47.06035	E 76	36	42.92267	67386.56		1661889.75		
64	N15	1	47.36622	E 76	36	42.66316	67378.81		1661909.125		
65	N15	1	47.60997	E 76	36	45.738	673403.6		1662006.875		
66	N15	1	47.62474	E 76	36	45.82421	673485.69		166207.375		
67	N15	1	46.40017	E 76	36	47.47342	67320.15		1661970.125		
68	N15	1	45.35189	E 76	36	48.74601	673560.69		1661937.75		
69	N15	1	44.80719	E 76	36	51.31705	673637.56		1661921.25		