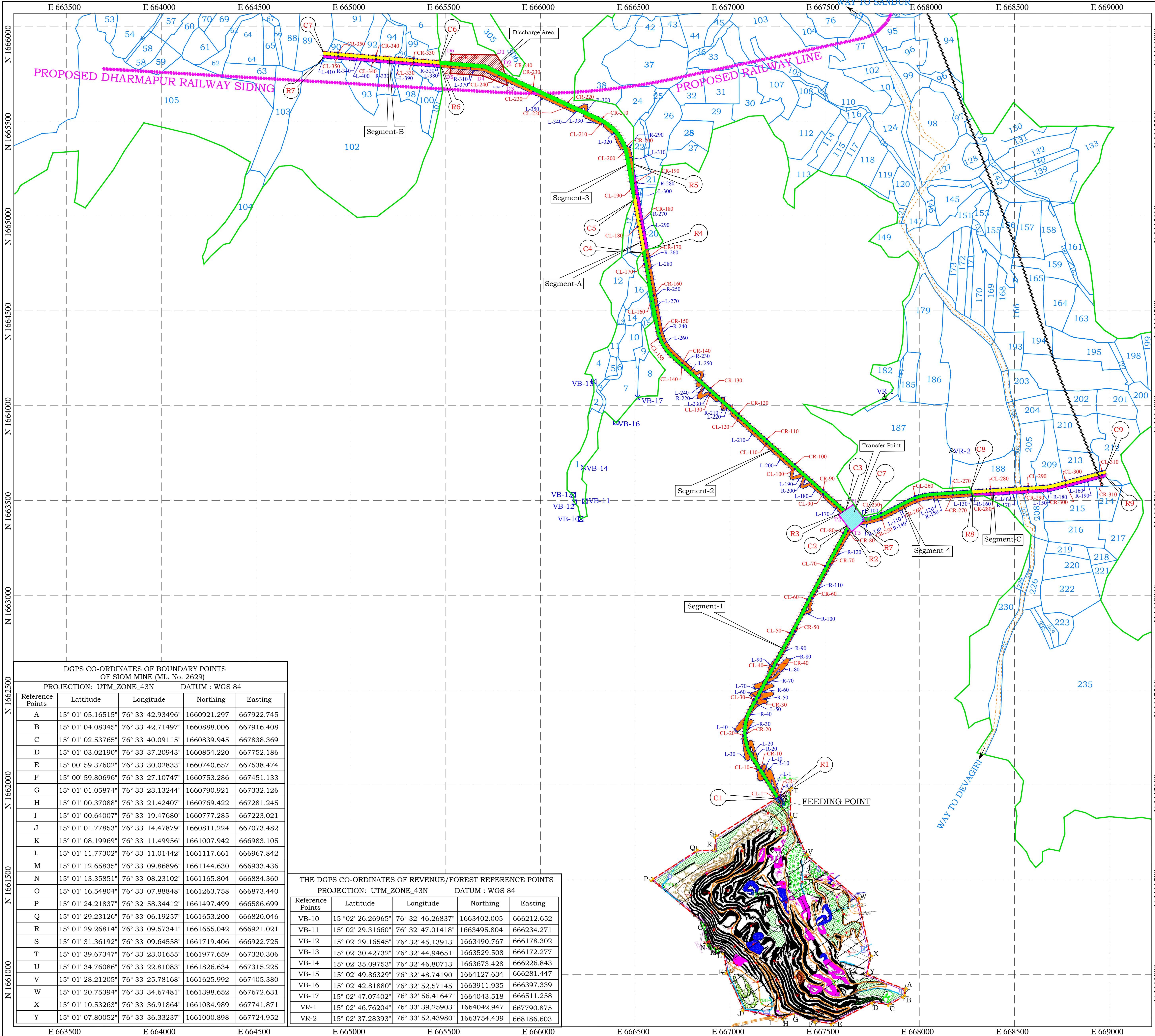


JOINT SURVEY PLAN SHOWING THE PROPOSED AREA REQUIRED FOR DOWN HILL BELT CONVEYOR, SERVICE ROAD, DISCHARGE / TRANSFER POINT, TRANSMISSION LINE & WATER PIPE LINE FROM SUBBARAYANAHALLI IRON ORE MINE M.L.NO. 2629 OF M/s.KARNATAKA STATE MINERALS CORPORATION LIMITED OVER AN EXTENT OF 22.2887 Ha. IN SWAMIMALAI BLOCK, SANDUR SOUTH RANGE FOREST, SANDUR TALUK, BALLARI DIST. KARNATAKA STATE.



DGPS CO-ORDINATES OF BOUNDARY POINTS OF SIOM MINE (ML. No. 2629)					
PROJECTION: UTM_ZONE_43N			DATUM : WGS 84		
Reference Points	Latitude	Longitude	Northing	Easting	
A	15° 01' 05.16515"	76° 33' 42.93496"	1660921.297	667922.745	
B	15° 01' 04.08345"	76° 33' 42.71497"	1660888.006	667916.408	
C	15° 01' 02.53765"	76° 33' 40.09115"	1660839.945	667838.369	
D	15° 01' 03.02190"	76° 33' 37.20943"	1660854.220	667752.186	
E	15° 00' 59.37602"	76° 33' 30.02833"	1660740.657	667538.474	
F	15° 00' 59.80696"	76° 33' 27.10747"	1660753.286	667451.133	
G	15° 01' 01.05874"	76° 33' 23.13244"	1660790.921	667332.126	
H	15° 01' 00.37088"	76° 33' 21.42407"	1660769.422	667281.245	
I	15° 01' 00.64007"	76° 33' 19.47680"	1660777.285	667223.021	
J	15° 01' 01.77853"	76° 33' 14.47879"	1660811.224	667073.482	
K	15° 01' 08.19969"	76° 33' 11.49956"	1661007.942	666983.105	
L	15° 01' 11.77302"	76° 33' 11.01442"	1661117.661	666967.842	
M	15° 01' 12.65835"	76° 33' 09.86896"	1661144.630	666933.436	
N	15° 01' 13.35851"	76° 33' 08.23102"	1661165.804	666884.360	
O	15° 01' 16.54804"	76° 33' 07.88848"	1661263.758	666873.440	
P	15° 01' 24.21837"	76° 33' 09.86896"	1661144.630	666933.436	
Q	15° 01' 29.23126"	76° 33' 06.19257"	1661653.200	666820.046	
R	15° 01' 29.26814"	76° 33' 09.57341"	1661655.042	666921.021	
S	15° 01' 31.36192"	76° 33' 09.64558"	1661719.406	666922.725	
T	15° 01' 39.67347"	76° 33' 23.01655"	1661977.659	667320.306	
U	15° 01' 34.76086"	76° 33' 22.81083"	1661826.634	667315.225	
V	15° 01' 28.21205"	76° 33' 25.78168"	1661625.992	667405.380	
W	15° 01' 20.75394"	76° 33' 34.67481"	1661398.652	667672.631	
X	15° 01' 10.53263"	76° 33' 36.91864"	1661084.989	667741.871	
Y	15° 01' 07.80052"	76° 33' 36.33237"	1661000.898	667724.952	

THE DGPS CO-ORDINATES OF REVENUE/FOREST REFERENCE POINTS					
PROJECTION: UTM_ZONE_43N			DATUM : WGS 84		
Reference Points	Latitude	Longitude	Northing	Easting	
VB-10	15° 02' 26.26965"	76° 32' 46.26837"	1663402.005	666212.652	
VB-11	15° 02' 29.31660"	76° 32' 47.01418"	1663495.804	666234.271	
VB-12	15° 02' 29.16545"	76° 32' 45.13913"	1663490.767	666178.302	
VB-13	15° 02' 30.42732"	76° 32' 44.94651"	1663529.508	666172.277	
VB-14	15° 02' 35.09753"	76° 32' 46.80713"	1663673.428	666226.843	
VB-15	15° 02' 49.86329"	76° 32' 48.74190"	1664127.634	666281.447	
VB-16	15° 02' 42.81880"	76° 32' 52.57145"	1663911.935	666397.339	
VB-17	15° 02' 47.07402"	76° 32' 56.41647"	1664043.518	666511.258	
VR-1	15° 02' 46.76204"	76° 33' 39.25903"	1664042.947	667790.875	
VR-2	15° 02' 37.28393"	76° 33' 52.43980"	1663754.439	668186.603	

I N D E X	
	M.L.BOUNDARY
	FOREST BOUNDARY
	PROPOSED DOWNHILL CONVEYOR BELT IN FOREST AREA
	PROPOSED DOWNHILL CONVEYOR BELT IN NON-FOREST AREA
	PROPOSED SERVICE ROAD IN FOREST AREA
	PROPOSED SERVICE ROAD IN NON-FOREST AREA
	DOWNHILL CONVEYOR BELT POINTS
	SERVICE ROAD POINTS
	TRANSFER POINT IN FOREST
	DISCHARGE /STOCK AREA IN FOREST
	AGRICULTURAL LANDS
	EXISTING RAILWAY TRACK (NANDHIHALLI)
	PROPOSED RAILWAY TRACK (DHARMAPUR)
	FEEDING POINT
	EXISTING PUBLIC ROAD

Forest Area

Conveyor Belt in Forest Area					
	Description	Length in mtr.	Width in mtr.	Area in Sqm	Area in Ha.
(C1) TO (C2)	Segment -1	1621.907	20	32438.159	3.2438
(C3) TO (C4)	Segment -2	1799.570	20	35991.400	3.5991
(C5) TO (C6)	Segment -3	1361.026	20	27220.520	2.7220
(C7) TO (C8)	Segment -4	594.752	20	11895.048	1.1895
	Total	5377.255		107545.100	10.7545

Service Road in Forest Area					
	Description	Length in mtr.	Width in mtr.	Area in Sqm	Area in Ha.
(R1) TO (R2)	Segment -1	1938.138	15	29072.067	2.9072
(R3) TO (R4)	Segment -2	1833.485	15	27502.270	2.7502
(R5) TO (R6)	Segment -3	1217.464	15	18261.960	1.8261
(R7) TO (R8)	Segment -4	621.476	15	9322.142	0.9322
	Total	5610.563		84158.445	8.4158

Non - Forest Area

Conveyor Belt in Non-Forest Area					
	Description	Length in mtr.	Width in mtr.	Area in Sqm	Area in Ha.
(C4) TO (C5)	Segment -A	304.089	20	6081.789	0.6081
(C6) TO (C7)	Segment -B	619.298	20	12385.958	1.2386
(C8) TO (C9)	Segment -C	719.171	20	14383.414	1.4383
	Total	1642.558		32851.16	3.2851

Service Road in Non-Forest Area					
	Description	Length in mtr.	Width in mtr.	Area in Sqm	Area in Ha.
(R4) TO (R5)	Segment -A	407.130	15	6106.950	0.6107
(R6) TO (R7)	Segment -B	619.857	15	9297.855	0.9297
(R8) TO (R9)	Segment -C	707.976	15	10619.640	1.0619
	Total	2131.547		26024.445	2.6024

Total Area Required For RC DHPC			
Description	Forest Area (in Ha.)	Revenue Area (in Ha.)	Total (in Ha.)
Down hill Conveyor	10.7545	3.2851	14.0396
Service Road	8.4158	2.6024	11.0182
Transfer point	0.9974	—	0.9974
Discharge Area	2.1211	—	2.1211
Grand Total	22.2887	5.8875	28.1763

Description	Area in Sqm	Area in Ha.
TRANSFER POINT T1, T2, T3 & T4	9974.691	0.9974
DISCHARGE AREA D1, D2, D3, D4 D5 & D6	21211.000	2.1211