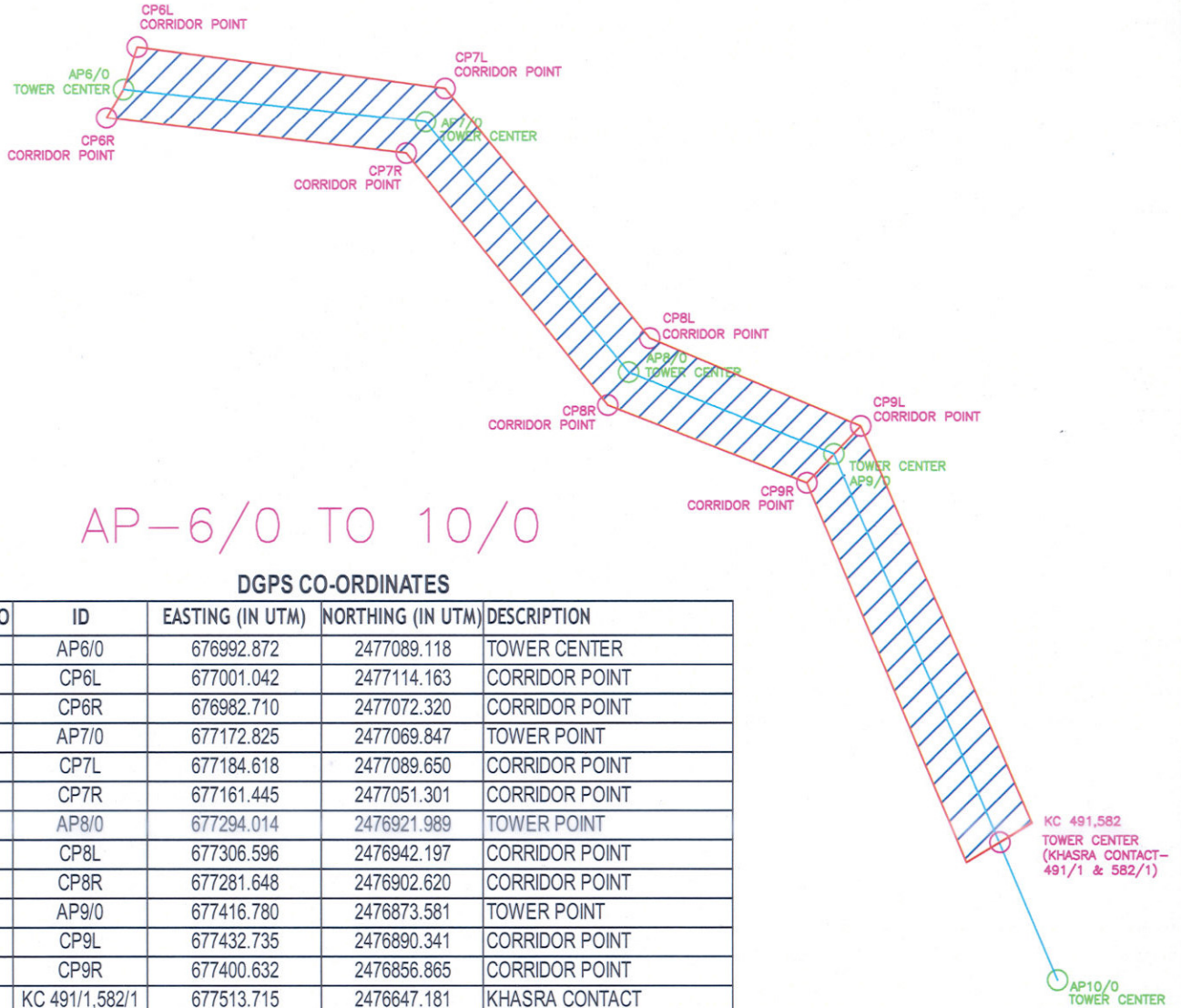


KHASRA NO.-491/1



AP-6/0 TO 10/0

DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	AP6/0	676992.872	2477089.118	TOWER CENTER
2	CP6L	677001.042	2477114.163	CORRIDOR POINT
3	CP6R	676982.710	2477072.320	CORRIDOR POINT
4	AP7/0	677172.825	2477069.847	TOWER POINT
5	CP7L	677184.618	2477089.650	CORRIDOR POINT
6	CP7R	677161.445	2477051.301	CORRIDOR POINT
7	AP8/0	677294.014	2476921.989	TOWER POINT
8	CP8L	677306.596	2476942.197	CORRIDOR POINT
9	CP8R	677281.648	2476902.620	CORRIDOR POINT
10	AP9/0	677416.780	2476873.581	TOWER POINT
11	CP9L	677432.735	2476890.341	CORRIDOR POINT
12	CP9R	677400.632	2476856.865	CORRIDOR POINT
13	KC 491/1, 582/1	677513.715	2476647.181	KHASRA CONTACT



KHASRA NO.-491/1
Total area-3.271 ha

Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

Prepared by:

M/s SHREERAM GEMICON PVT. LTD.
Neelkamal, Opp: Mobile tower
Near Loyla School, Rajw. Nagar
Bilaspur, C.G. - 495006
Ph : 07752-249224



Activity	Name	Designation	Signature	Date
O/PDesign	Dinesh	SG(Geosystem)		
Processed	Amit Kashyap	Suptdg.Geologist		
Checked	K.P. Singh	GM(GS)		
Approved	HEAD OF THE DPT	VP (Project)		

Scale 80 0 80m
1:4000



KHASRA NO.-582/1

AP-9/0 TO 15/0

TOWER CENTER
AP9/0

DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	AP9/0	677416.780	2476873.581	TOWER POINT
2	KC 491/1,582/1	677513.715	2476647.181	KHASRA CONTACT
3	AP10/0	677550.295	2476562.381	TOWER POINT
4	CP10L	677571.114	2476572.052	CORRIDOR POINT
5	CP10R	677529.767	2476552.703	CORRIDOR POINT
6	AP12/0	677661.015	2476385.689	TOWER POINT
7	CP12L	677672.928	2476396.921	CORRIDOR POINT
8	CP12R	677645.160	2476370.740	CORRIDOR POINT
9	AP14/0	677984.213	2476139.614	TOWER POINT
10	CP14L	677988.504	2476158.377	CORRIDOR POINT
11	CP14R	677982.652	2476115.630	CORRIDOR POINT
12	AP15/0	678041.554	2476157.920	TOWER CENTER
13	CP15L	678028.346	2476174.904	CORRIDOR POINT
14	CP15R	678057.630	2476139.543	CORRIDOR POINT

KC 491,582
TOWER CENTER (KHASRA CONTACT 491/1 & 592/1)

CP10L
CORRIDOR POINT

AP10/0
TOWER CENTER

CP10R
CORRIDOR POINT

CP12L
CORRIDOR POINT

AP12/0
TOWER CENTER

CP12R
CORRIDOR POINT

CP15L
CORRIDOR POINT

AP15/0
TOWER CENTER

CP15R
CORRIDOR POINT

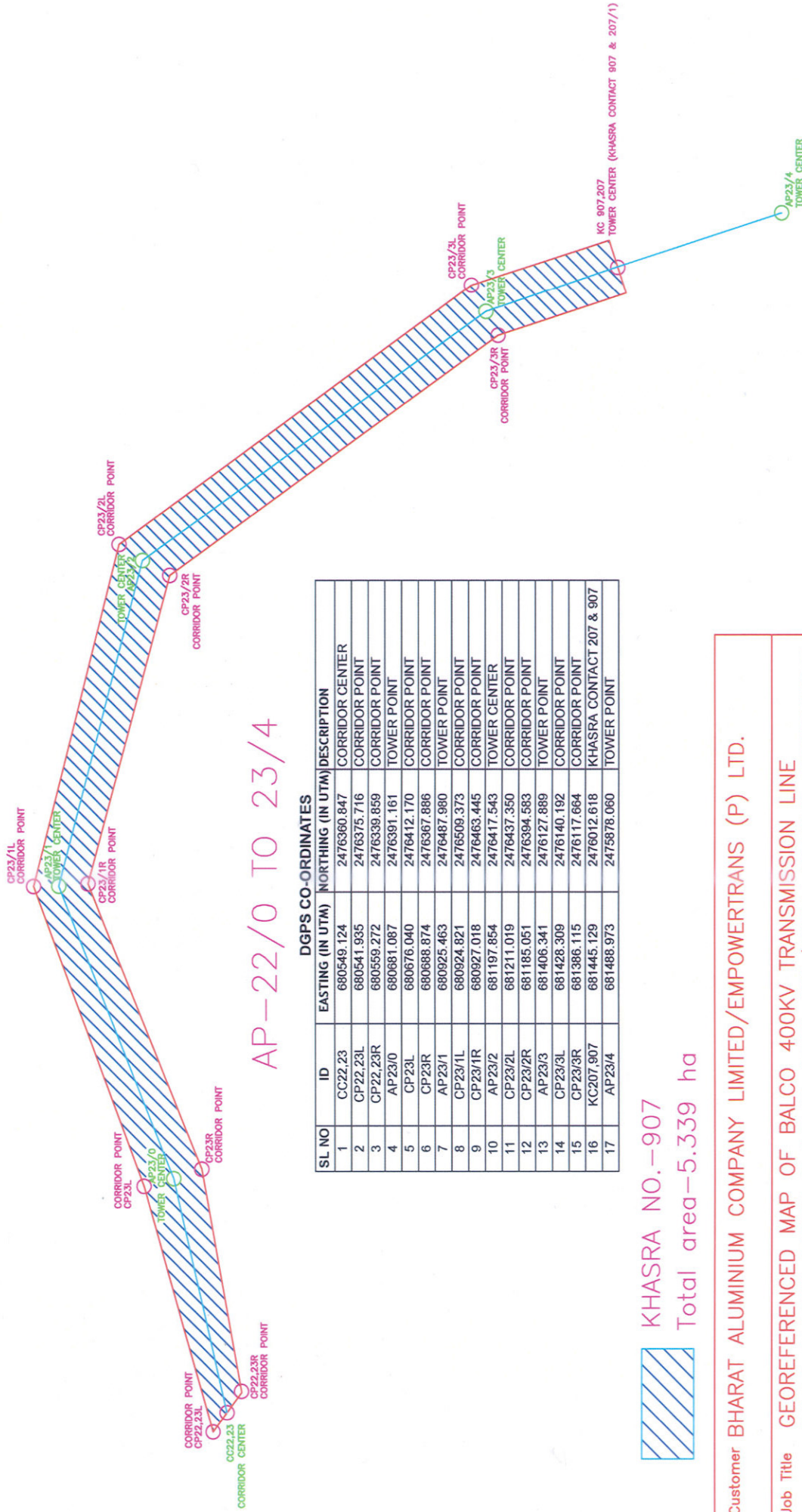
CP14R
CORRIDOR POINT

KHASRA NO. - 582/1
Total area - 3.071 ha

Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.			
Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA			
Prepared by:	M/s SHREERAM GEMICON PVT. LTD. Neelkamal, Opp: Mobile Tower Near Loyla School, Pankaj Vihar Bilaspur, C.G. - 495005 Ph : 07752-249224		
Activity	Name	Designation	Signature
O/PDesign	Dinesh	SG(Geosystem)	
Processed	Amit Kashyap	Supdrg.Geologist	
Checked	K.P. Singh	GM(GS)	
Approved	HEAD OF THE DPT	VP (Project)	
Scale 80		0 80m	
1:4000			

KHASRA NO 907

AP-22/0 TO 23/4



DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	CC22.23	680549.124	2476360.847	CORRIDOR CENTER
2	CP22.23L	680541.935	2476375.716	CORRIDOR POINT
3	CP22.23R	680559.272	2476339.859	CORRIDOR POINT
4	AP23/0	680681.087	2476391.161	TOWER POINT
5	CP23L	680676.040	2476412.170	CORRIDOR POINT
6	CP23R	680688.874	2476367.886	CORRIDOR POINT
7	AP23/1	680925.463	2476487.980	TOWER POINT
8	CP23/1L	680924.821	2476509.373	CORRIDOR POINT
9	CP23/1R	680927.018	2476463.445	CORRIDOR POINT
10	AP23/2	681197.854	2476417.543	TOWER CENTER
11	CP23/2L	681211.019	2476437.350	CORRIDOR POINT
12	CP23/2R	681185.051	2476394.583	CORRIDOR POINT
13	AP23/3	681406.341	2476127.889	TOWER POINT
14	CP23/3L	681428.309	2476140.192	CORRIDOR POINT
15	CP23/3R	681386.115	2476117.664	CORRIDOR POINT
16	KC207.907	681445.129	2476012.618	KHASRA CONTACT 207 & 907
17	AP23/4	681488.973	2475878.060	TOWER POINT

KHASRA NO.-907

Total area-5.339 ha

Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

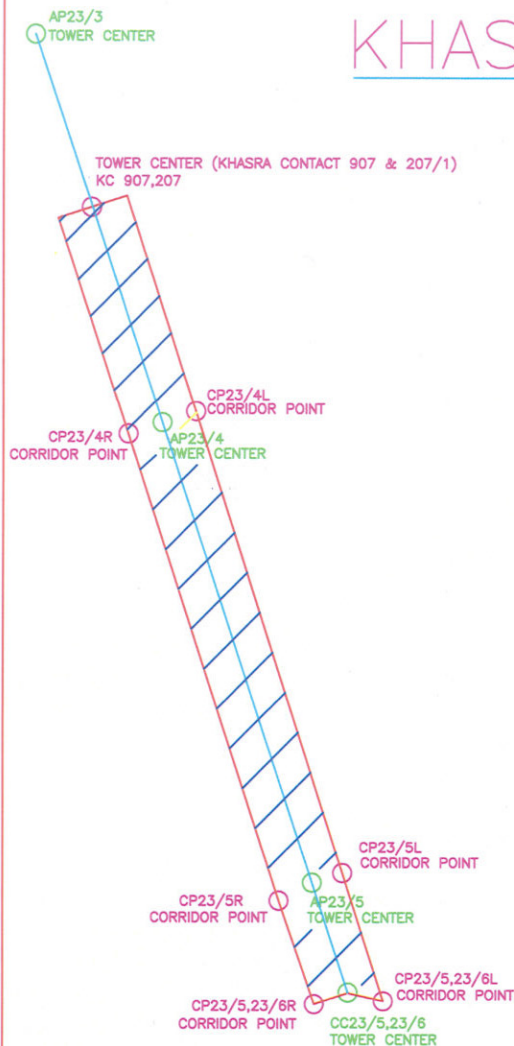
Prepared by:

M/s SHREERAM GEMICON PVT. LTD.
Neelkamal, Opp: Mobile Power
Near Loyla School, Rajiv
Bilaspur, C.G. - 495008
Ph : 07752-249224



KHASRA NO.-207/1 RF

AP-23/3 TO AP-25/0

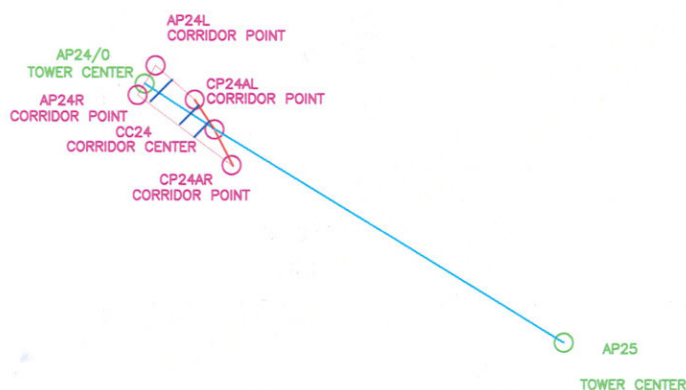


DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	AP23/3	681406.341	2476127.889	TOWER POINT
2	KC207,907	681445.129	2476012.618	KHASRA CONTACT 207 & 907
3	AP23/4	681488.973	2475878.060	TOWER POINT
4	CP23/4L	681510.737	2475885.303	CORRIDOR POINT
5	CP23/4R	681467.035	2475870.933	CORRIDOR POINT
6	AP23/5	681586.755	2475582.728	TOWER POINT
7	CP23/5L	681606.466	2475589.251	CORRIDOR POINT
8	CP23/5R	681565.257	2475571.448	CORRIDOR POINT
9	CC23/5,23/6	681609.974	2475512.116	CORRIDOR CENTER
10	CP23/5,23/6L	681632.834	2475506.957	CORRIDOR POINT
11	CP23/5,23/6R	681588.154	2475504.990	CORRIDOR POINT
12	AP24	681973.066	2475071.728	TOWER POINT
13	CP24L	681982.061	2475082.243	CORRIDOR POINT
14	CP24R	681968.673	2475066.593	CORRIDOR POINT
15	CP24AL	682005.775	2475061.647	CORRIDOR POINT
16	CP24AR	682030.676	2475019.061	CORRIDOR POINT
17	CC24	682018.571	2475042.555	CORRIDOR CENTER
18	AP25	682245.601	2474905.665	TOWER POINT



KHASRA NO.-207/1
Total Area-2.513 ha



Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

Prepared by:

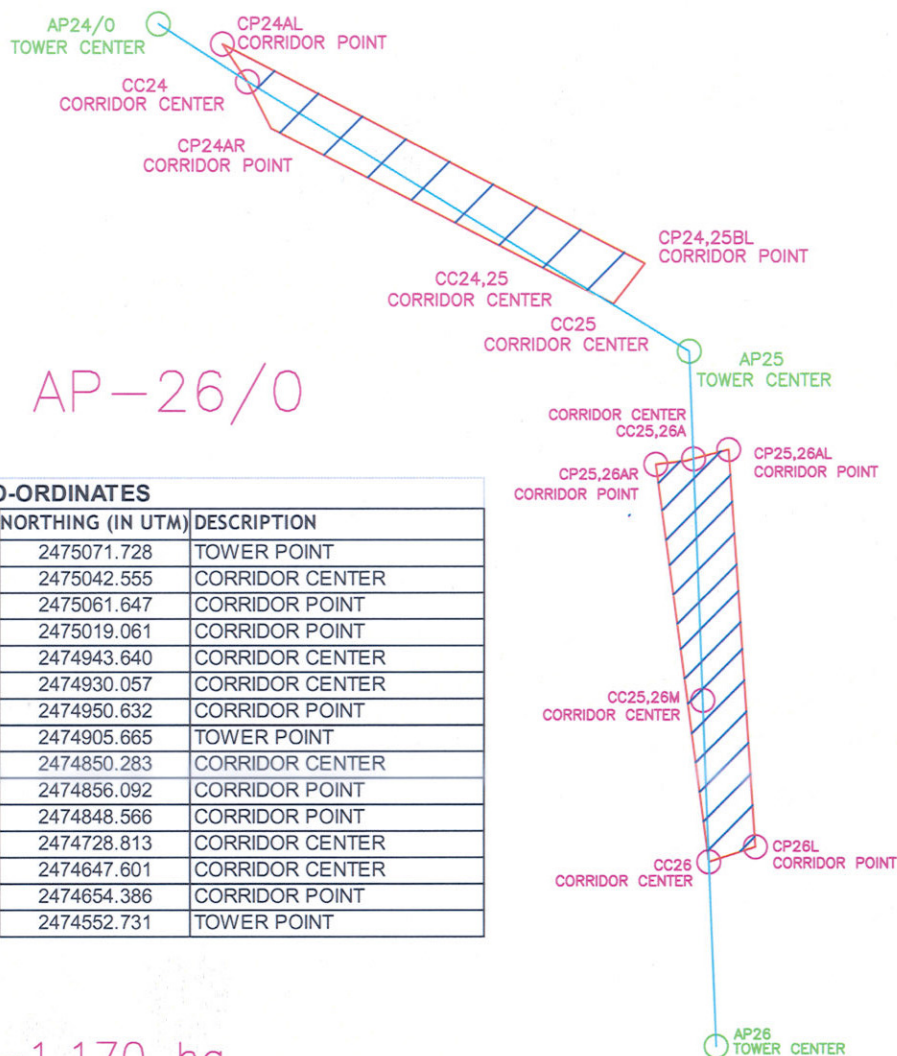
M/s SHREERAM GEMICON PVT. LTD.
Neelkamal, Opp: Mobile Tower
Near Loyla School, Rajiv Vihar
Bilaspur, C.G. - 495006
Ph : 07752-249224



Activity	Name	Designation	Signature	Date
O/P Design	Dinesh	SG(Geosystem)		
Processed	Amit Kashyap	Suptdg. Geologist		
Checked	K.P. Singh	GM(GS)		
Approved	HEAD OF THE DPT	VP (Project)		
Scale	80	0	80m	
1:4000				

PF (P-986)

AP-24/0 TO AP-26/0



DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	AP24	681973.066	2475071.728	TOWER POINT
2	CC24	682018.571	2475042.555	CORRIDOR CENTER
3	CP24AL	682005.775	2475061.647	CORRIDOR POINT
4	CP24AR	682030.676	2475019.061	CORRIDOR POINT
5	CC24,25	682181.740	2474943.640	CORRIDOR CENTER
6	CC25	682206.309	2474930.057	CORRIDOR CENTER
7	CP24,25BL	682222.362	2474950.632	CORRIDOR POINT
8	AP25	682245.601	2474905.665	TOWER POINT
9	CC25,26 A	682243.793	2474850.283	CORRIDOR CENTER
10	CP25,26AL	682265.666	2474856.092	CORRIDOR POINT
11	CP25,26AR	682228.430	2474848.566	CORRIDOR POINT
12	CC25,26 M	682252.529	2474728.813	CORRIDOR CENTER
13	CC26	682258.530	2474647.601	CORRIDOR CENTER
14	CP26L	682279.559	2474654.386	CORRIDOR POINT
15	AP26	682259.419	2474552.731	TOWER POINT



PF 986

Total Area-1.170 ha

Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

Prepared by:

M/s SHREERAM GEMICON PVT. LTD.
Neelkamal, Opp: Mobile Tower
Near Loyla School, Rajwinder
Bilaspur, C.G. - 495006
Ph : 07752-249224



Activity	Name	Designation	Signature	Date
O/P Design	Dinesh	SG(Geosystem)		
Processed	Amit Kashyap	Suptdg.Geologist		
Checked	K.P. Singh	GM(GS)		
Approved	HEAD OF THE DPT	VP (Project)		
Scale 80 0 80m 1:4000				



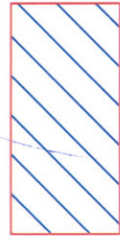
PF (P-986)

AP-33/0 TO AP-34/0



DGPS CO-ORDINATES				
SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	AP33	683232.020	2473454.123	TOWER POINT
2	CC33A	683264.121	2473437.241	CORRIDOR CENTER
3	CP33.34AL	683286.159	2473437.984	CORRIDOR POINT
4	CP33.34AR	683240.509	2473438.653	CORRIDOR POINT
5	CC33B	683484.860	2473323.669	CORRIDOR CENTER
6	CP33.34BL	683497.347	2473346.769	CORRIDOR POINT
7	CP33.34BR	683470.807	2473302.607	CORRIDOR POINT
8	REFERENCE 1	683547.111	2473431.072	Forest MUNARA
9	REFERENCE 2	683541.733	2473414.769	ROAD
10	REFERENCE 3	683467.773	2473300.911	Forest MUNARA
11	BP	683557.544	2473288.793	BASE PILLAR
12	AP34	683564.725	2473282.289	TOWER POINT

AP34
TOWER CENTER



KHASRA NO.-01
Total Area-0.890 ha

Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

Prepared by:

M/s SHREERAM GEMICON PVT

Neelkamal, Opp: Mobile Tower

Near Loyla School, Rajiv Vihar

Bilaspur, C.G. - 495006

Ph : 07752-249224

Activity	Name	Designation	Signature	Date
O/PDesign	Dinesh	SG(Geosystem)		
Processed	Amit Kashyap	Suptdg.Geologist		
Checked	K.P. Singh	GM(GS)		
Approved	HEAD OF THE DPT	VP (Project)		
Scale	80			
	1:4000			



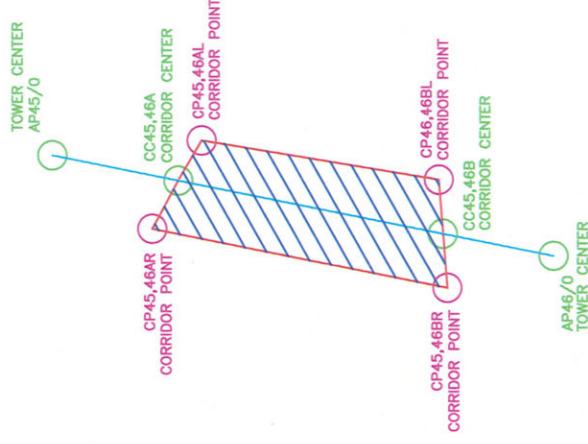
OA-1289

45/0 TO 46/0

DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	AP45/0	682308.203	2468140.924	TOWER POINT
2	CC45,46A	682288.251	2468090.915	CORRIDOR CENTER
3	CP45,46AL	682304.879	2468081.075	CORRIDOR POINT
4	CP45,46AR	682268.014	2468101.826	CORRIDOR POINT
5	CC45,46B	682242.999	2467977.215	CORRIDOR CENTER
6	CP45,46BL	682265.999	2467979.215	CORRIDOR POINT
7	CP45,46BR	682220.026	2467975.652	CORRIDOR POINT
8	AP46/0	682227.974	2467938.641	TOWER POINT

KHASRA NO.-551/1
Total Area-0.510 ha



Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

Prepared by:



M/s SHREERAM GEMICON PVT. LTD.
Neelkamal, Opp: Mobile Tower
Near Loyla School, Rajiv
Bilaspur, C.G. - 495006
Ph : 07752-249224

Activity	Name	Designation	Signature	Date
0/PDesign	Dinesh	SG(Geosystem)		
Processed	Amit Kashyap	Suptdg.Geologist		
Checked	K.P. Singh	GM(GS)		
Approved	HEAD OF THE DPT	VP (Projected)		
Scale 80	0			
1:4000				

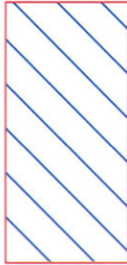


KHASRA NO.-217/1A (RF)

47/8 TO 48A/0

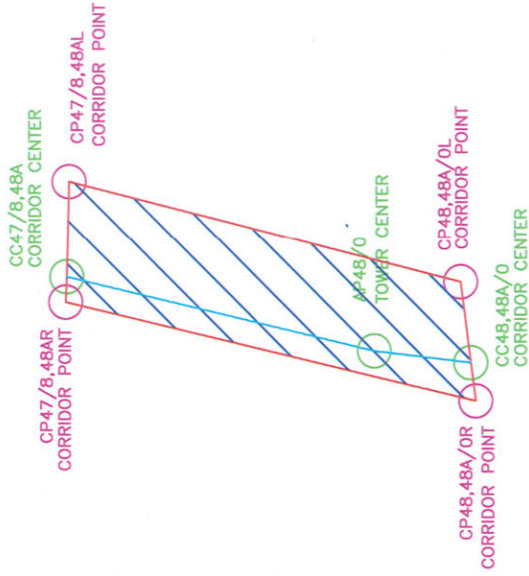
DGPS CO-ORDINATES

SL NO	ID	EASTING (IN UTM)	NORTHING (IN UTM)	DESCRIPTION
1	CC47/8, 48 A	681410.463	2464939.589	CORRIDOR POINT
2	CP47/8, 48AL	681432.228	2464932.933	Forest MUNARA
3	CP47/8, 48AR	681401.340	2464939.969	CORRIDOR POINT
4	AP48/0	681384.054	2464829.468	TOWER POINT
5	CC48, 48A/0	681379.876	2464794.902	CORRIDOR CENTER
6	CP48, 48A/0 L	681402.459	2464797.607	CORRIDOR POINT
7	CP48, 48A/0 R	681366.122	2464793.119	CORRIDOR POINT



KHASRA NO.-217/1A

Total Area-0.481 ha



Customer BHARAT ALUMINIUM COMPANY LIMITED/EMPOWERTRANS (P) LTD.

Job Title GEOREFERENCED MAP OF BALCO 400KV TRANSMISSION LINE
BALCO 1200MW POWER PLANT TO PGCIL 765/400KV POOLING STATION,URGA

Prepared by:

M/s SHREERAM GEMICON PVT. LTD.
Neelkamal, Opp: Mobile Tower
Near Loyla School, Rajiv Vihar
Bilaspur, C.G. - 495006
Ph : 07752-249224



Activity	Name	Designation	Signature	Date
O/PDesign	Dinesh	SG(Geosystem)		
Processed	Amit Kashyap	Suptdg.Geologist		
Checked	K.P. Singh	GM(GS)		
Approved	HEAD OF THE DPT	VP (Project)		
Scale 80 1:4000	0			

