



Co-ordinate DGPS observation point				
CONTROL POINT	UTM Co-ordinate		Geographic Co-ordinate	
	NORTHING	EASTING	Latitude(North)	Longitude(East)
CP-1	2973900.463	645406.953	26.879243892	88.463916122
CP-2	2973968.847	645672.847	26.879833357	88.466600322
GPS-3	2974058.708	645728.102	26.880638649	88.467166948
GPS-4	2974093.354	645852.628	26.880938331	88.468424366
CP-5	2974083.899	646034.839	26.880833926	88.470257253
CP-6	2974103.311	646100.551	26.881002251	88.470920926
GPS-7	2976297.021	646090.260	26.900803198	88.471073804
GPS-8	2976330.093	646125.928	26.901097953	88.471436743
CP-9	2978128.441	645080.673	26.917438672	88.461123156
GPS-10	2978200.797	645116.712	26.918087987	88.461494423
GPS-11	2978242.598	645184.123	26.918458240	88.462178017
CP-12	2978947.443	644312.329	26.924910669	88.453481822
CP-13	2979002.400	644172.411	26.925421205	88.452079314
CP-14	2978909.618	644079.384	26.924593409	88.451131891
CP-15	2978991.199	644056.830	26.925332075	88.450914216
CP-16	2979021.043	643975.333	26.925609879	88.450097049

LEGEND

+++++	NEW BG RAILWAY ALIGNMENT
---	ALIGNMENT BOUNDARY
---	BRIDGES
---	NATIONAL HIGHWAY 10
●	OBSERVATION POINT
---	C/L OF PROP. ROAD FROM NH-10 TO ADIT PORTAL
---	PROP. LAND TO BE ACQUIRED FOR ADIT
●	FOREST PILLAR

Co-ordinate of Forest Pillar for T1 Adit				
Pillar No.	UTM Co-ordinate		Geographic Co-ordinate	
	Easting	Northing	Latitude(North)	Longitude(East)
1	646026.0447	2977548.1513	26.91210229	88.47057368
1A	646017.3331	2977561.0585	26.91221970	88.47048748
2	646009.5725	2977572.5565	26.91232429	88.47041069
3	646028.0080	2977589.5840	26.91247605	88.47059829
4	646013.9269	2977602.4114	26.91259330	88.47045802
5	645996.7630	2977612.6027	26.91268708	88.47028641
6	645977.8617	2977619.0292	26.91274707	88.47009686
7	645958.0361	2977621.3752	26.91277032	88.46989753
8	645938.1559	2977619.5763	26.91275617	88.46969717
9	645919.0770	2977613.7108	26.91270523	88.46950440
10	645901.6103	2977604.0469	26.91261984	88.46932741
11	645888.4267	2977594.2238	26.91253256	88.46919353
11a	645852.0158	2977566.1131	26.91228265	88.46882366
12	645815.6048	2977538.0024	26.91203275	88.46845379
13	645798.6662	2977524.6700	26.91191419	88.46828170
14	645783.7128	2977511.3991	26.91179597	88.46812960
15	645770.1293	2977496.7328	26.91166502	88.46799113
16	645758.1098	2977486.7596	26.91152211	88.46786825
17	645747.7792	2977463.6454	26.91136872	88.46776224
18	645739.2449	2977445.5682	26.91120645	88.46767421
19	645732.5956	2977426.7157	26.91103699	88.46760507
20	645727.9005	2977407.2838	26.91086210	88.46755553
21	645725.2084	2977387.4744	26.91068358	88.46752611
22	645724.5544	2977367.4936	26.91050331	88.46751720
23	645725.9414	2977347.5504	26.91032316	88.46752883
24	645729.3514	2977327.8525	26.91014502	88.46756086
25	645734.5494	2977308.5446	26.90997021	88.46761094
26	645740.1248	2977290.8576	26.90980999	88.46766501
27	645778.2196	2977171.8018	26.90873143	88.46803464
28	645782.9763	2977156.0541	26.90858880	88.46808069
29	645787.5632	2977127.0919	26.90832691	88.46812348
30	645800.7208	2977003.4765	26.90720982	88.46824151
31	645763.4221	2976991.5744	26.90710630	88.46786462
32	645760.9901	2976999.1958	26.90717534	88.46784102
33	645792.0754	2977009.1152	26.90726161	88.46815513
34	645779.6081	2977126.2452	26.90832010	88.46804329
35	645777.2593	2977144.8487	26.90848826	88.46802182
36	645772.2481	2977164.1932	26.90866338	88.46797363
37	645732.5054	2977288.4195	26.90978878	88.46758801
38	645726.6296	2977307.0876	26.90995789	88.46753104
39	645721.4739	2977326.4071	26.91013280	88.46748139
40	645718.0619	2977346.1053	26.91031095	88.46744933
41	645716.5935	2977366.0426	26.91049105	88.46743688
42	645717.0829	2977386.0277	26.91067138	88.46744414
43	645719.5253	2977405.8689	26.91085020	88.46747104
44	645723.8975	2977425.3759	26.91102581	88.46751734
45	645730.1573	2977444.3615	26.91119651	88.46758258
46	645738.2448	2977462.6436	26.91136068	88.46766614
47	645748.0825	2977480.0469	26.91151672	88.46776721
48	645759.5759	2977496.4043	26.91166316	88.46788484
49	645772.6149	2977511.5590	26.91179858	88.46801788
50	645787.0718	2977525.3684	26.91192170	88.46816505
51	645802.5609	2977538.0174	26.91203425	88.46832247
51a	645847.1264	2977572.4451	26.91234032	88.46877517
52	645883.5379	2977600.5562	26.91259022	88.46914505
53	645897.7398	2977611.0887	26.91268380	88.46928927
54	645915.2083	2977620.7590	26.91276925	88.46946627
55	645934.1968	2977626.9316	26.91282297	88.46965817
56	645954.0168	2977629.3673	26.91284288	88.46985800
57	645973.9359	2977627.9444	26.91282795	88.47005838
58	645993.2128	2977622.7387	26.91277894	88.47025185
59	646011.1403	2977613.9507	26.91269774	88.47043132
60	646027.0808	2977601.9033	26.91258734	88.47059020
61	646033.8863	2977595.0134	26.91252443	88.47065811
62	646056.1421	2977615.5693	26.91270763	88.47088459
63	646087.6056	2977644.6296	26.91296662	88.47120476
64	646100.9967	2977624.7864	26.91278612	88.47133728
65	646119.5886	2977597.2436	26.91253557	88.47152122
66	646130.2686	2977581.4201	26.91239163	88.47162689
67	646142.7016	2977589.8118	26.91246607	88.47175305
68	646155.4698	2977570.8944	26.91229399	88.47187939
69	646129.4739	2977553.3487	26.91213835	88.47161561
70	646119.7407	2977567.7695	26.91226953	88.47151930
71	646079.6103	2977540.6836	26.91202927	88.47111210
72	646046.2722	2977518.182	26.91182968	88.47077382

Client:  NORTHEAST FRONTIER RAILWAY

Engineers:  Ircon International Ltd.

Project title : PLAN SHOWING THE LAND FOR CONSTRUCTION OF ADIT TO BE ACQUIRED PERMANENTLY IN FOREST AREA FOR THE CONSTRUCTION OF NEW BROAD GAUGE RAIL LINK BETWEEN SIVOK AND RANGPO

ADDL. GENERAL MANAGER
IRCON/SRRP

GENERAL MANAGER
IRCON/SRRP

DEPUTY CHIEF ENGINEER
CON / NJP / NFR/LY

DWG NO:-ADIT/MWL/02

SCALE:- AS SHOWN

REV - 0

DATE:- 06.06.2019

PREPARED BY:- RAJESH KR OJHA