CO-ORDINATE AND HEIGHT VERIFICATION SURVEY RESULTS

SURVEY PROJECT NUMBER: ..... **SURVEYED BY:** .....

SURVEY PROJECT DESCRIPTION: ..... **DATE SURVEYED:** .....

No of beacons verified	CO-ORDINATES TO BE CHECKED (Existing)					GPS CHECK SURVEY			EXISTING MINUS CHECK VALUES			Add REFERENCE BEACON geoid separation to GPS heights	Geoid separation at individual Beacons	Ortho corrected GPS levels	Difference existing Z MINUS ortho corrected GPS levels	Check survey spirit levelled heights	Diff existing Z MINUS check survey spirit levelled heights
	Beacon No	REF	Y	X	Z	Y	X	Z	DY	DX	DZ						
1	**NRB13/12**	**REF**	**-97974.92**	**2759809.57**	**865.508**	**GPS BASE STATION FOR CHECK SURVEY**						20.817				865.508	0.000
2	NRB11/12		-97408.53	2761386.99	869.357	-97408.565	2761386.975	869.494	0.035	0.015	-0.137	890.311	-20.940	869.371	-0.014	869.351	0.006
3	NRB12/12		-97473.55	2761321.10	868.628	-97473.585	2761321.056	868.755	0.035	0.044	-0.127	889.572	-20.934	868.638	-0.010	868.624	0.004
4	NRB14/12		-97935.27	2759737.04	863.112	-97935.273	2759737.015	863.108	0.003	0.025	0.004	883.925	-20.813	863.112	0.000	863.109	0.002
5	NRB15/12		DESTROYED														
6	NRB16/12		-98349.21	2758042.76	846.255	-98349.209	2758042.741	846.105	-0.001	0.019	0.150	866.922	-20.678	846.244	0.011	846.260	-0.005
7	NRB17/12		-99851.54	2757055.62	856.217	-99851.559	2757055.634	855.930	0.019	-0.014	0.287	876.747	-20.531	856.216	0.001	856.218	-0.001
8	NRB18/12		-99966.91	2756981.93	854.513	-99966.917	2756981.943	854.209	0.007	-0.013	0.304	875.026	-20.520	854.506	0.007	854.520	-0.007
9	NRB19/12		-101380.99	2756022.20	859.710	-101381.023	2756022.177	859.251	0.033	0.023	0.459	880.068	-20.387	859.681	0.029	859.712	-0.002
10	NRB20/12		-101477.61	2755959.02	860.484	-101477.658	2755958.985	860.024	0.048	0.035	0.460	880.841	-20.378	860.463	0.021	860.481	0.003
11	**NRB26/12**	**REF**	**-105853.24**	**2751868.68**	**822.025**	**GPS BASE STATION FOR CHECK SURVEY**						19.880				822.020	0.005
	NRB20/12		-101477.61	2755959.02	860.484	-101477.619	2755958.992	861.019	0.009	0.028	-0.535	880.899	-20.378	860.521	-0.037	860.479	0.005
12	NRB21/12		-102822.86	2754837.19	822.386	-102822.874	2754837.195	822.740	0.014	-0.005	-0.354	842.620	-20.231	822.389	-0.003	822.384	0.002
13	NRB22/12		-102910.35	2754748.76	823.096	-102910.347	2754748.754	823.447	-0.003	0.006	-0.351	843.327	-20.220	823.107	-0.011	823.100	-0.004
14	NRB23/12		-104374.54	2753232.73	820.103	-104374.553	2753232.741	820.274	0.013	-0.011	-0.171	840.154	-20.034	820.120	-0.017	820.108	-0.005
15	NRB24/12		-104443.44	2753161.29	821.354	-104443.439	2753161.298	821.499	-0.001	-0.008	-0.145	841.379	-20.025	821.354	-0.017	821.365	-0.011
16	NRB25/12		-105793.73	2751949.47	821.072	-105793.741	2751949.461	821.074	0.011	0.009	-0.002	840.954	-19.886	821.068	0.004	821.079	-0.007
17	NRB27/12		-107353.06	2750953.38	830.620	-107353.069	2750953.384	830.473	0.009	-0.004	0.147	850.353	-19.749	830.604	0.016	830.626	-0.006
18	NRB28/12		-107446.71	2750900.02	828.479	-107446.709	2750900.055	828.305	-0.001	-0.035	0.174	848.185	-19.740	828.445	0.034	828.488	-0.009
19	NRB29/12		-108950.28	2749926.04	832.215	-108950.278	2749926.052	831.894	-0.002	-0.012	0.321	851.774	-19.578	832.196	0.019	832.226	-0.011
20	NRB30/12		-109014.97	2749847.77	829.294	-109014.970	2749847.767	828.975	0.000	0.003	0.319	848.855	-19.569	829.286	0.008	829.298	-0.004
21	NRB31/12		-110246.18	2748732.36	822.584	-110246.154	2748732.339	822.118	-0.026	0.021	0.466	841.998	-19.408	822.590	-0.006	822.589	-0.005
22	NRB32/12		-110315.78	2748636.99	826.037	-110315.748	2748636.928	825.543	-0.032	0.062	0.494	845.423	-19.397	826.026	0.011	826.036	0.001
23	NRB33/12		-111498.17	2747340.61	832.477	-111498.120	2747340.594	831.842	-0.050	0.016	0.635	851.722	-19.249	832.473	0.004	832.480	-0.003
24	NRB34/12		-111530.51	2747256.54	834.946	-111530.486	2747256.529	834.300	-0.024	0.011	0.646	854.180	-19.243	834.937	0.009	834.945	0.001

ANNEXURE 14.2