

Planimetric Horizontal Control Traverse (Northern Area)

Westports Pulau Indah, Port Klang, Selangor Darul Ehsan

Station From To	Bearing (Final Adj)	Distance	Latitude	Dipature	Station	Selangor State Cassini(Old)		Adjusted		Adjusted Coordinates		Remarks
						Northing	Easting	Latitude	Dipature	Northing	Easting	
12					12	-29754.088	-46209.042			-29754.088	-46209.042	
12 11	27 27 50	141.790	125.811	65.392	11	-29628.277	-46143.650	125.810	65.392	-29628.278	-46143.650	
11 2	82 39 40	81.840	10.454	81.170	2	-29617.823	-46062.480	10.454	81.170	-29617.824	-46062.481	
2 3	34 27 10	167.096	137.786	94.531	3	-29480.037	-45967.950	137.786	94.531	-29480.037	-45967.950	
3 4	34 7 40	106.270	87.969	59.622	4	-29392.068	-45908.328	87.969	59.622	-29392.068	-45908.328	
4 5	34 5 40	97.108	80.417	54.435	5	-29311.652	-45853.893	80.417	54.435	-29311.652	-45853.894	
5 6	28 3 30	211.650	186.775	99.554	6	-29124.877	-45754.339	186.774	99.554	-29124.877	-45754.340	
6 7	20 31 40	103.303	96.743	36.224	7	-29028.134	-45718.115	96.743	36.224	-29028.134	-45718.115	EGS05
7 8	348 20 50	93.815	91.881	-18.949	8	-28936.252	-45737.064	91.881	-18.949	-28936.253	-45737.064	
8 9	312 10 20	133.163	89.400	-98.691	9	-28846.852	-45835.755	89.400	-98.691	-28846.852	-45835.755	EGS06
9 10	274 16 40	77.802	5.803	-77.585	10	-28841.048	-45913.340	5.803	-77.585	-28841.049	-45913.341	
10 13	214 32 40	390.129	-321.344	-221.221	13	-29162.392	-46134.561	-321.344	-221.221	-29162.393	-46134.562	
13 14	214 26 40	750.732	-619.110	-424.619	14	-29781.502	-46559.180	-619.110	-424.620	-29781.503	-46559.181	
14 15	195 11 30	212.348	-204.927	-55.646	15	-29986.430	-46614.826	-204.928	-55.646	-29986.431	-46614.827	EGS03
15 12	60 12 20	467.595	232.343	405.785	12	-29754.086	-46209.040	232.343	405.785	-29754.088	-46209.042	
		<b>3034.641</b>	<b>0.002</b>	<b>0.002</b>								

Liner Misclose  
Angular Misclose  
Angular Correction

**1 : 1,304,410**  
**03" for 14 stns**  
**0.21" per stn**