

SOUTH

END

842098

ROADS

Station	HI	HP	F.S.	$\angle H^\circ$	$\angle V^\circ$	Slope Distance
BE	1.095	0.00	BF	040°	+1° 10'	36.39
BF	1.125	0.00	BG	040°	-10° 30'	34.48
BF	1.125	0.00	BH	163°	-8° 30'	17.34
BF	1.125	0.00	BI	160°	-11° 20'	28.83
BI	1.065	.545	BJ	146°	-20° 10'	18.39
BJ	1.003	.493	BK	100°	-14° 00'	24.04
BK	.986	.617	BL	095°	-18° 50'	27.37
BL	.942	.415	BM	145°	-18° 40'	45.15
BM	.876	.440	BN	157°	-20° 20'	31.93
BG	1.020	.770	BO	110°	-5° 50'	30.50
BG	1.020	.770	BP	017°	-0° 30'	39.20
BP	1.165	0.00	BQ	000°	+4° 30'	47.50
BQ	1.145	.290	BR	352°	+1° 50'	21.92
BR	1.135	0.00	BS	317°	+3° 00'	42.35
BR	1.135	0.00	BT	352°	-8° 30'	45.28
BT	1.135	0.00	BV	052°	-15° 50'	37.19
BU	1.083	0.50	<small>B.L. 50+00 E 12+00</small> BV	039°	-10° 00'	19.00
BU	1.083	0.50	BV	129°	-14° 50'	48.00
BV	1.065	0.00	BW	161°	-10° 00'	28.09
BV	1.065	0.00	BX	127°	-11° 10'	33.64
BX	1.195	.600	BY	063°	-4° 00'	41.33
BX	1.195	.600	BZ	155°	-12° 40'	40.28
BZ	1.150	.572	CA	161°	-8° 30'	34.09
BY	1.090	.487	CB	084°	+1° 30'	59.56
CB	1.162	.480	CC	057°	-4° 30'	64.76

Height of land BE  
 12 m down road to junction  
 BH = trench .474 m = HPBH

C  
 C  
 -  
 C  
 C  
 C  
 C  
 C  
 L

BN trench = running  $014^\circ$   
 HPBN = .575  
 BN to far end of trench = 30.50 m  
 BN to near end of trench = 4.00 m

C  
 R  
 -  
 R  
 C

BO = trench HPBO = .830

road trench w/ BP on bearing  $320^\circ$

other end of swimming pool = BS  
 HPBS = 0.00  
 BR = height of road

C  
 -  
 C

Base line picket = .790 m

L

BW = trench HPBW = .502

-  
 C  
 -  
 R

HPCA = .418 C  
 48.26 30.63  
 11.30 34.13  
 59.56 64.76

L  
 L  
 R



HP of Base line picket = 2.161 m

CH = island between trenches

CL = tripts

HPCL = .682

HP B.L. Picket = 1.000

CW = two road trenches

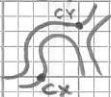
44.84

20.09

64.93

HPCY = .575

CY @ junction



WIDTH OF ROAD (AVG) = 3.40 m

Station	HI	HP	F.S.	$\angle H^\circ$	$\angle V^\circ$	slope dist.
B.L. N 45 E 950	1.200	0.00	CM	035°	+6°30'	44.41 m
CM	1.085	.455	CN	039°	+1°00'	15.91
CN	1.138	0.00	CO	012°	+7°00'	41.12
CO	1.20	.490	CP	061°	+3°00'	41.56
CP	1.197	0.00	CQ	046°	+1°20'	49.00
CQ	1.116	.320	CR	053°	+2°00'	40.18
CR	1.084	.495	BE	027°	+1°40'	39.56

	N	E	ele
BL 50 1200	4937	1194	876 m
BL N 50 1424	4947	1415	849 m
BL N 50 1500	4951	1491	816 m

SIDE of road picket is on

→ road 5m right

right side of road

center

left

center

left

right

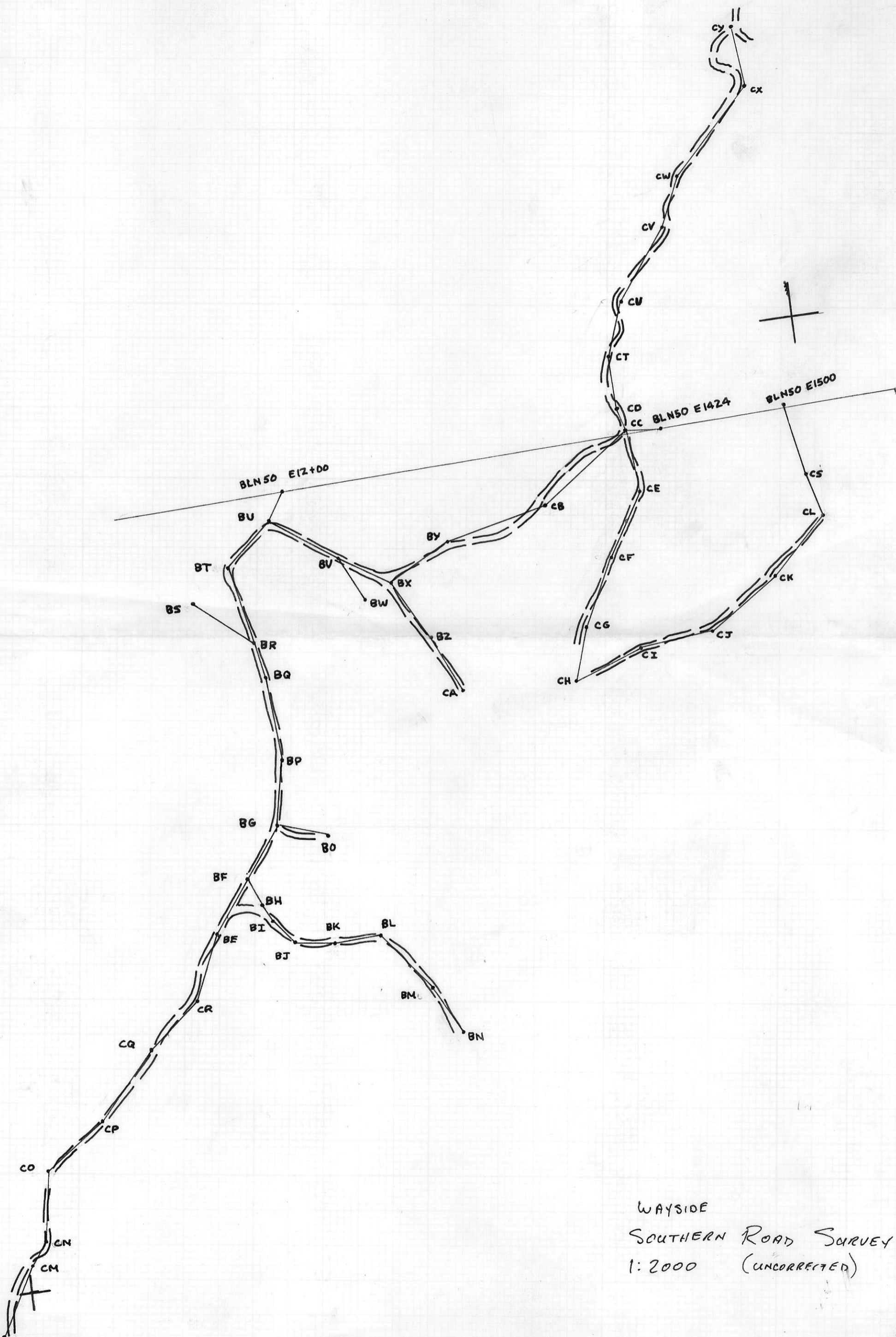
SOUTH  
END  
ROADS



Station	N	E	ele.	Horizontal distance	
BL N 45 E 950	4470	950	866m		
CM	4506.14	975.31	871.77	44.12	
CN	4518.51	985.32	873.14	15.91	
CO	4558.43	993.81	878.79	40.81	
CP	4578.55	1030.10	882.17	41.50	
CQ	4612.58	1065.34	884.19	48.99	
CR	4636.75	1097.41	886.21	40.16	
BE	4671.98	1115.36	888.44	39.54	
BF	4699.85	1138.75	890.28	36.38	
BG	4725.82	1160.54	884.35	33.90	
BH	4683.45	1143.76	888.37	17.15	trench
BI	4673.29	1148.42	885.19	28.27	
BJ	4658.98	1158.07	879.43	17.26	
BK	4654.93	1181.04	874.00	23.30	
BL	4652.67	1206.85	865.73	25.90	
BM	4617.63	1231.38	851.78	42.77	
BN	4590.07	1243.08	840.99	29.94	trench
BO	4715.44	1189.06	881.44	30.34	
BP	4763.31	1172.00	885.03	39.20	
BQ	4810.66	1172.00	889.63	47.35	
BR	4832.35	1168.95	891.48	21.91	trench
BS	4863.29	1140.11	894.83	42.29	
BT	4876.70	1162.72	885.92	44.78	
BU	4898.72	1190.91	876.41	35.78	

Station	N	E	ele.	Horizontal distance	
B.L. N 50 E 12+00	4913.26	1202.69	873.40		
BV	4869.52	1226.97	865.20	46.40	
BW	4843.36	1235.98	860.89	27.66	trench
BX	4849.66	1253.33	859.15	33.00	
BY	4868.38	1290.06	856.98	41.23	
BZ	4814.04	1269.94	850.94	39.30	
CA	4782.16	1280.92	846.63	33.72	
CB	4874.60	1349.27	859.15	59.54	
CC	4909.77	1403.42	854.58	64.56	tripit / new road junction
CD	4920.65	1400.70	855.02	11.22	
B.L. N 50 E 1424	4905.89	1421.68	851.86	18.66	
CE	4871.86	1404.08	847.44	37.91	
CF	4839.35	1379.58	839.94	40.71	
CG	4802.09	1358.07	832.05	43.02	
CH	4772.51	1346.12	827.38	31.91	island between trenches
CI	4785.09	1387.28	816.97	43.04	
CJ	4786.56	1429.27	810.51	42.01	
CK	4809.88	1471.34	805.90	48.10	
CL	4839.28	1502.86	806.39	43.11	
CS	4864.17	1498.03	814.37	25.36	
BL N 50 E 1500	4905.74	1494.39	821.51	41.73	
CT	4953.02	1401.26	850.02	32.37	
CU	4981.98	1414.77	845.00	31.96	
CV	5016.54	1447.00	834.06	47.26	





WAYSIDE  
 SOUTHERN ROAD SURVEY  
 1:2000 (UNCORRECTED)

BLN45  
 E950