Table 1: Survey Camp Traverse Readings

Traverse Measurements

Occupied	Station	Backsight (metre)	Foresight (metre)	HD: Mean (Avg)	HA (Angle)
	12	96.734			0°00'00"
1	2		54.786	54.771	113°13'28"
2	1	54.756			0°00'00"
	3		49.286	49.303	159°20'32"
3	2	49.320			0°00'00"
	4		102.699	102.672	113°01'19'
4	_3	102.645			0°00'00"
	5		36.886	36-898	105°08'56'
5	4	36.910			0°00'00"
	6		63.252	63.252	164°43'02'
6	5	63.252			0°00'00"
	7		24.465	24.465	211°02'29'
7	6	24.465			0°00'00"
	8		69.333	69.325	141°51'39"
8	7	69.317			0°00'00"
	9		44.050	43.976	225°12'05"
9	8	43.902			0°00'00"
	10		43.958	43.969	72°21'49"
10	9	43.980			0°00'00"
	11		56.883	56.8835	84°17'18"
11	10	56.884			0°00'00"
	12		47.110	47.1105	191°26'22"
12	11	47.111			0°00'00"
	1		96.784	96.759	217°22'23"

Sum of interior angles =  $1799^{\circ}1'22''$   $\mathcal{E}(n-2)\times180^{\circ} = (12-2)\times180^{\circ} = 1800^{\circ}$ Therefore, angled misclosure =  $(800^{\circ} - 1799^{\circ}1'22'')$ = 58'38''

	PAGE NO.: DATE	Begring Calculations PAGE NO.: DATE
Internal		line Bearings
12-1-#2	113° 12' 28"	line Bearings. (1-2) 113°12'28" - 70° N43°13'28" E
1-2-3	159°20'32"	(2-3) 43°13'28"+159°20'32" N22°.34' E
2-3-4	113° 01' 19"	(3-4) 180'- (22°34'+ N44°24'4)"W
3-4-5	105° 08'56"	(4-5) 105°08'56"-44°24'41" S60°49' 15" W
4-5-6	164° 43′02″	(5-6) (60°44'15"+164'42'02") S45°27'-17"W
5-6-7	211°62'29"	(6-7) 45°27'17"+211°02'29") 576°29'46" W
6-7-8	141° 51'39"	(7-8) (76°29'46") + 141°5139" S38°21'25" W
7-8-9	225 12'05"	(8-9) 38°21°25'' +225° 12'5'' S 83° 33'20" W
8-9-10	72° 21′49″	(9-10) 180°-183°33'20"+ 72°21'49") \$24°4'4" E
9-10-11	84° 17' 18"	(10-11) 84°17'18"-24°4'41" N60°12'37"E
10-11-12	191° 26'22"	(11-12) (191°26'22"+60"12"37") N71°38'59" E
11-12-1	212° 22' 23"	(12-1) 360° - 212°22'22"-71°38'59" 5 70°58'38" E (1-12) Azinuth given N 70° W

	ANDRE NE EXAM	of Mirchosure	DACTHO	EININDIA-			
	Regnhas	Length (1)	Lahtude Losso	Departure LSino			
1-2	N43°13'28"E	54.771	+39.910	+ 37.510			
1			11- 0				
2-3	N 22° 34'E	49-303	+45.528	18.92			
3-4	N44°24'41"W	102.672	+73.342	-71.850			
4-5	5 60° 44' 15" W	36-898	-18.0836	-32.189			
5-6	S 45° 27° 17" W	63-252	-44.369	-45-079			
6-7	576° 29' 46" W	24.465	-5213	-23.788			
7-8	5 38° 21' 25" W	69.325	-54.362	-43.020			
8-9	S 83° 33′ 30″ W	43.976	-4.934	-42.698			
9-10	S 24° 4' 41" E	43.969	-40.163	+17.938			
10-11	N 60° 12' 37" E	56.8835	+28.261	+49.366			
11-12	N 71° 38'59" E	47.1105	+ 14.831	+ 44.210			
12-1	5 70° 58' 38" E	96.759.	£31.538	+91.475			
	Error of Clasure	= [2.777]+	(-0.295)2	-0.295			
	0	= 2. +9 m. 7L=+2.11					
			EU	= -0.295			

