

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing..... 33° to 45° , 212° to 220° , 235° to 246° from Trig. Mast
Note: Cross out word or words which do not apply
2. Mast & Vanes have been painted white & black respectively.
3. The station/pillar was unpiled/not unpiled/constructed on..... 19....., dimensions now being:
 Description of mark..... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark.....m. above below rock/concrete; Mark is.....m. above below G.L.
- Height of Top Vanes to Top Mark/Pillar plate.....m. Diameter of Vanes (vertical).....m.
 Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/placed.
 Length of Mast.....m. (approximate if not unpiled)
4. A..... set in conc/rock has been placed/found, bearing..... $^{\circ}$ M from Mast/Plug/Pillar
5. A..... set in conc/rock has been placed/found, bearing..... $^{\circ}$ M from Mast/Plug/Pillar
6. A..... set in conc/rock has been placed/found, bearing..... $^{\circ}$ M from Mast/Plug/Pillar
7. A..... set in conc/rock has been placed/found, bearing..... $^{\circ}$ M from Mast/Plug/Pillar
8. Action required:.....

STANDPOINT:

STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above below				above below
			above below				above below
			above below				above below
			above below				above below
			above below				above below
			above below				above below
			above below				above below
			above below				above below
			above below				above below

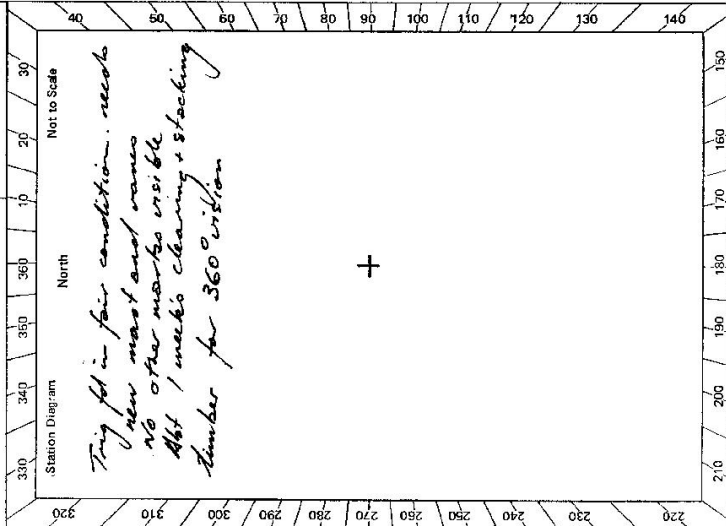
Prepared by:

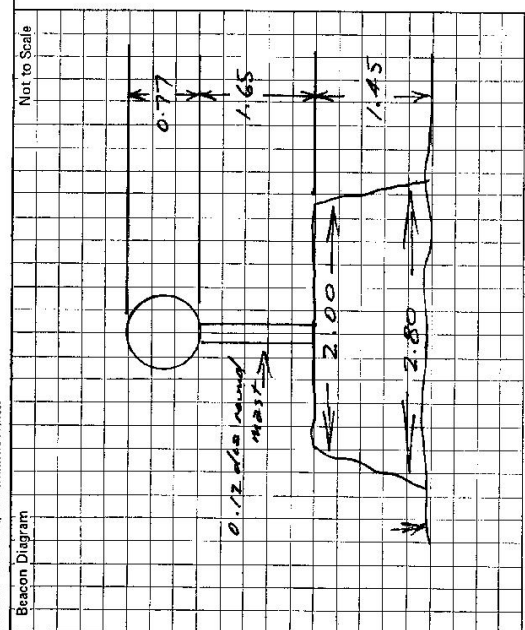
Checked:

Noted on U.T.M. Card

St 2733-1

Checked

STATION: *Columbus G.S.* TS *6391* No: *1607*MAP SHEET
SCALE 1:250 000*ULLADULLA*INSPECTED BY: *M.L. Macdonald* DATE: *25-10-78*AUTHORITY: *C.M.A.* FIELD BOOK: *1710*

STATION <u>Columbura TS-6391</u>	
Owner's Name: <u>Marwan Marwan Pae.</u> Address: Phone:	Current Occupant: Address: Phone:
Access Report of 25/10/1978 was found suitable/unsuitable. <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><u>Direction</u></p> <p><u>0.00</u> Nerrigoda Rd. Head towards Nawaia.</p> <p><u>0.50</u> Turn left sign 'Tawaia'</p> <p><u>18.80</u> Turn right onto faint track in middle of clearing. Follow path approx 1.2 km to top. If it is not the track may be boggy and it is about 15 mins easy walk from the road.</p> </div> <div style="width: 45%;"> <p><u>ACCESS</u></p> </div> </div>	
	
This section to be completed by officer constructing pillar. Original station mark found/not found.	
Description of mark:	
Original beacon found/not found.	
Description of beacon:	
Height Top of Vanes to Top Mark m.	
Height of mark m. above G.L. below	
Diameter of Vanes m. Height of Cairn m.	
Original Beacon has/has not been destroyed by me.	
Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF M.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing 217-227 Widowdler Notes: Cuts out words which do not apply
239-251, 344-352, 28-35 from Trig. Mast

2. Mast & Vanes have been painted white & black respectively. ✓

3. The ~~station~~/pillar was ~~unplaced/constructed~~/constructed on19..... dimensions now being:

Description of mark Conc. Pillar.....should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark.....1.370 m. ^{above} ~~below~~ mark/concrete; Mark is 1.51 m. ^{above} ~~below~~ mark.

Height of Top Vanes to ~~Top Mark~~/Pillar plate1.455 m. Diameter of Vanes (vertical).....0.755 m. ✓

Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/placed.

Length of Mast1.455 m. (approximate if not unplaced)

4. A.....Trig. Plug.....set in conc/~~mark~~ has been ~~placed~~/found, bearing.....327° M from ~~Mast/Pillar~~/Pillar

5. A.....SSM (No number) set in conc/~~mark~~ has been ~~placed~~/found, bearing.....276° M from ~~Mast/Pillar~~/Pillar

6. A.....set in conc/rock has been placed/found, bearing.....° M from Mast/Plug/Pillar

7. A.....set in conc/rock has been placed/found, bearing.....° M from Mast/Plug/Pillar

8. Action required:.....Horizontal Connection required.....

STANDPOINT: Conc. Pillar

STANDPOINT: Trig. Plug

Mark	Direction	Horiz. Distance	Height Difference	Horiz. Distance	Direction	Height Difference
Trig. Plug		3.026	1.614 ^{above} below standpt.	3.025	1.613 ^{above} below standpt.	
SSM		4.046	1.513 ^{above} below standpt.	3.294	0.102 ^{above} below standpt.	
			above standpt.		above standpt.	
			below		below	
			above standpt.		above standpt.	
			below		below	
			above standpt.		above standpt.	
			below		below	
			above standpt.		above standpt.	
			below		below	

Prepared by: A. H. H.

23.79

Checked:

Noted on U.T.M. Card

St 2733-1

STATION: COOLUMBORRA (P)	No: 6391
MAP SHEET SCALE 1:250 000	Ulladulla
INSPECTED BY: A. Silverman/H. Borden	DATE: 1-3-79
AUTHORITY: CMA	FIELD BOOK: 1724

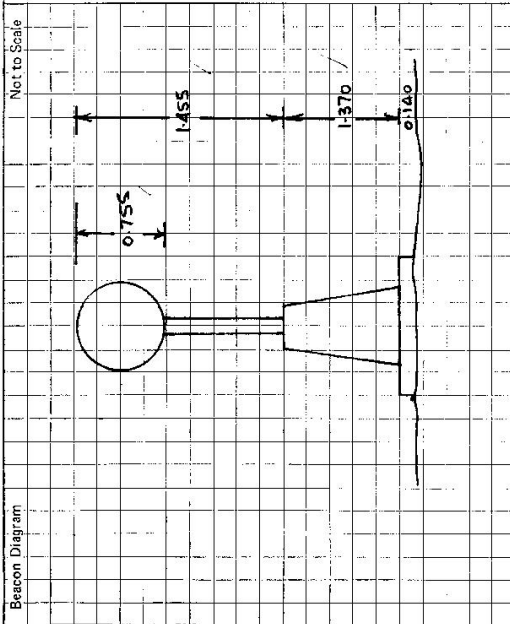
Station Diagram

Not to Scale

Horizontal Connection impossible because of rain & fog.

S-2733-2 D. West, Government Printer

Beacon Diagram



This section to be completed by officer constructing pillar.

Original station mark ~~found~~ found. ✓

Description of mark: Trig Plug in cone in brick well.

Original beacon found/~~not found~~.Description of beacon: ~~Coin, Pole & Disc~~

Height Top of Vane to Top Mark: 3.835 m. ✓

Height of mark: 0.025 m. ✓ above G.L. ~~below~~ cone: 0.240 m. ✓ below G.L.

Diameter of Vane: 0.765 m. ✓

Height of Cairn: 1.500 m. ✓

Original Beacon has/~~has not~~ been destroyed by me.

STATION

COOLUMBURRA (P) TS 6391

Owner's Name: MORTON NATIONAL

Address: PARK

Phone:

Current Occupant:

Address:

Phone:

ACCESS

Access Report of 25/11/1978 was found suitable/~~unsuitable~~

km

0.0 Merriga P.O. Travel towards house.

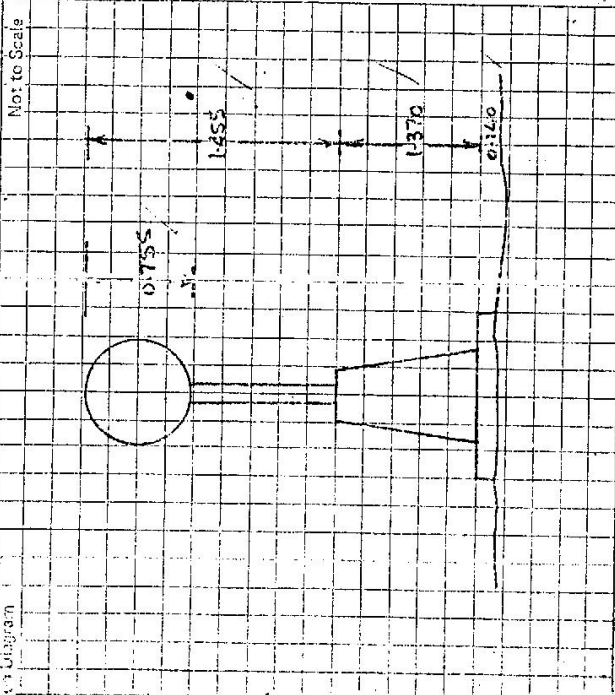
9.5 Turn left Sign "Tonga"

18.80 Turn right onto point track in middle of clearing follow for approx 1.2 km to trig. If wet the track may be boggy & it is about 15 mins easy walk from the road.

Date

Record of Station

3.10. East, Section: Plotter



Section to be completed by officer constructing pillar.

Final station mark ~~found~~ found.

Description of mark: Trig. Plug in cone in brick wall.

Final beacon found/not found.

Description of beacon: Cairn, Pole & Disc

Height Top of Vanes to Top Mark 3.835 m.

Height of ~~mark~~ 0.025 m. above ~~base~~ base / cone 0.30 m. below G.L.

Height of Vanes 0.765 m. Height of Cairn 1.500 m.

Final Beacon has/has not been destroyed by me.

STATION

COLOMBIERA (P)

TS 6391 ✓

Owner's Name: MORTON NATIONAL

Address: PARK

Phone:

Current Occupant:

Address:

Phone:

ACCESS

Access Report of 25.9.19. No was found suitable/unsuitable

km

0.0 Kerrigo P.O. Travel towards house.

9.5 Turn left Sign "Tonga"

18.80 Turn right onto faint track in middle of clearing
 follow for approx 1.2 km to trip. If wet the track
 may be boggy & it is about 15 mins easy walk from
 the road.

Date

Record of Station

16th Jan 81 Found to be in same condition.

9 Janing.

Department of Lands		RECONNAISSANCE and MAINTENANCE REPORT		STATION TS 1607 COOLUM BULLA/P																									
This Trig. Station has been:-		Note: Cross out word or words which do not apply		TS 6391																									
1. Completely cleared to permit 360° vision to surrounding Trigs.				Co: ST VINCENT Ph: BULEE																									
2. Cleared by lones bearing 330, 250, from Trig. Mast				Map Sheet: ULLADULLA No: 8927																									
3. Trig. Mast & Vanes have been painted white & black respectively.				Inspected by: C. STARKER Date: 28/8/80																									
4. The Trig. was unpiled/ not unpiled , dimensions now being:				Authority: LANDS Field Book: 1582/3																									
Description of mark: <u>CONC. PILLAR</u> should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar				<p>Beacon Diagram</p> <p>Not to Scale</p>																									
Height of mark: 1.35 m above below <u>rock</u> concrete <u>below</u> G.L.																													
Height of Top Vanes to Top Mark/Top pillar plate: 1.45 m Diameter of Vanes (vertical): 0.75 m.																													
Height of Cairn: m. Diameter of Cairn: m.																													
Length of Mast: m. (approximate if not unpiled)																													
5. A <u>SSM</u> set in conc/ rock has been placed/fd <u>2.042</u> m. bearing <u>269</u> °M from Trig. Mast pillar				<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Date</th> <th>Record of Station</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>		Date	Record of Station																						
Date	Record of Station																												
6. A <u>TRIG. PLUG</u> set in conc/ rock has been placed/fd <u>3.025</u> m. bearing <u>322</u> °M from Trig. Mast pillar																													
7. A set in conc/soil has been placed/fd m. bearing °M from Trig. Mast/pillar																													
8. A set in conc/rock has been placed/fd m. bearing °M from Trig. Mast/pillar																													
9. Connection <u>TRIG. PLUG</u> to <u>SSM</u> : <u>3.291</u> m. bearing <u>220</u> °M																													
10. Connection to m. bearing °M																													
11. Connection to m. bearing °M																													
12. Connection to m. bearing °M																													
13. Diff. Ht. <u>SSM</u> is <u>1.516</u> m. <u>above</u> <u>PILLAR PLATE</u>																													
14. Diff. Ht. <u>TRIG. PLUG</u> is <u>1.625</u> m. <u>below</u> "																													
15. Diff. Ht. is m. <u>above</u> "																													
16. Diff. Ht. is m. <u>below</u> "																													
Prepared by: <u>C. STARKER</u> Checked: <u>P. K. G. G. G.</u>																													

<p>STATION 6391</p> <p>15-06-1987</p>	<p>Current Occupant.....</p> <p>Address.....</p> <p>Access 28-8-1987</p>
<p>Owners Name.....</p> <p>Address.....</p>	<p>Access 28-8-1987</p>

Station Diagram

Not to Scale

List of Observed Directions:-

Standpoint: PILLAR		Standpoint: TRIG PLUG	
Station	Direction	Station	Direction
BALLANTIA TS	332 40 00	PILLAR SSM	0 00 00
KNIGHTS HILL TS	36 21 214		79 25 40
SSM	289 03 315		
TRIG PLUG TS	322 12 248		
SALLY TS	249 09 293		

Station Diagram

Not to Scale

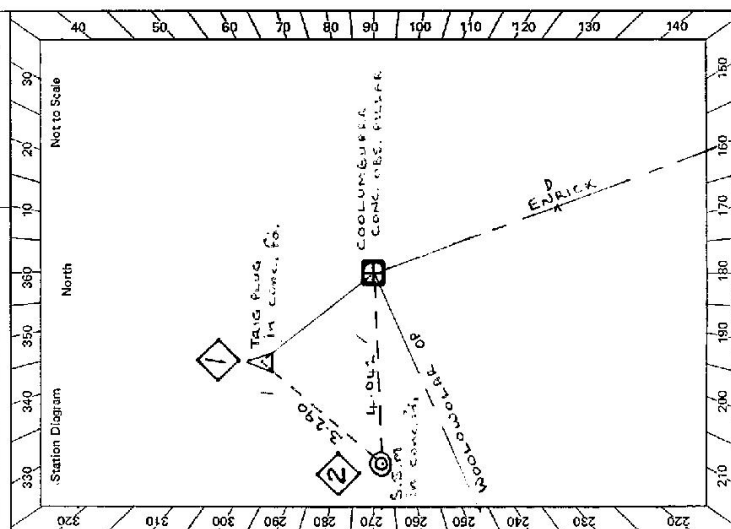
List of Observed Directions:-

Standpoint: PILLAR		Standpoint: TRIG PLUG	
Station	Direction	Station	Direction
BALLANTIA TS	332 40 00	PILLAR SSM	0 00 00
KNIGHTS HILL TS	36 21 214		79 25 40
SSM	289 03 315		
TRIG PLUG TS	322 12 248		
SALLY TS	249 09 293		

STATION: COOLUMBURRA OP No.: 6391

Note: Cross out word or words which do not apply

- | | |
|--|--|
| ULLADULLA.
MAP SHEET
SCALE 1:250 000 | INSPECTED BY: H. C. BORDER
DATE: 4-2-81
AUTHORITY: C. M. A
FIELD BOOK: 1724
1572 |
|--|--|



STANDPOINT: CONC. OBS. PILLAR				STANDPOINT: TELG. PLUG			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
ENRICK	359 59 60		above standpt	ENRICK	359 59 60		above standpt
WOOLLOWOLAR OF	84 11 50		above standpt	S.S.M	61 30 40	3.290	above standpt
S.S.M	108 53 50	4.042	above standpt	WOOLLOWOLAR OF	84 10 40		above standpt
TELG. PLUG	162 05 40	*	above standpt	CONC. PILLAR	341 03 00	3.027	above standpt
			above standpt				above standpt
			above standpt				above standpt
			above standpt				above standpt
			above standpt				above standpt

Prepared by: H. C. BORBER	Checked: <i>[Signature]</i>	Noted on U.T.M. Card
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Checked:

Prepared by: H. C. Bogard

Checked

2733-2 D. West Government Printer

STATION COOLUMBURRA OP TS 6391

Owner's Name: **MORTON**
 Address: **NATIONAL PARKS & WILDLIFE**
 SERVICE: **NOWRA**
 Phone:

Current Occupant:

Address:

Phone:

ACCESS

Access Report of 4/2/1988, was found suitable/unsuitable.

Kms from COMMERCIAL HOTEL NERRIGA

0.00 heading north towards NOWRA Sealed then Gravel Road

4.80 Crossing Wooden Bridge over ENRICK RIVER

9.70 Turn Left, onto TUGA gravel road.

14.90 Passing old Quarry area.

16.80 Gully, the jumps.

19.20 Turn Right off road, (top of rise) onto sandy track

going eastward, along top of rocky rise.

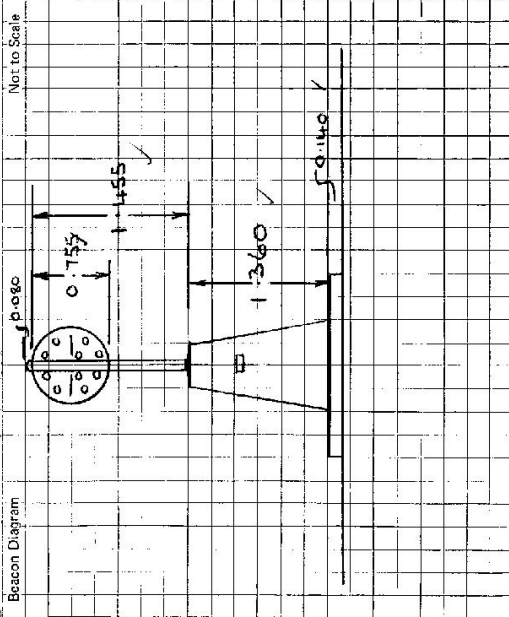
19.65 Track veers left, (flat rocky ground)

19.80 Track veers Right.

19.90 Track veers left, towards timber

19.95 Track winds through timber to Conc. Pillar Station

20.20 Conc. DBs. Pillar



This section to be completed by officer constructing pillar.

Original station mark found/~~not found~~.

Description of mark: **Bronze Tag Plug**

Original beacon found/~~not found~~.

Description of beacon: **Conc. Mast & Vane**

Height Top of Vane to Top Mark:m.

Height of mark: **0.44m** above ~~below~~ G.L.

Diameter of Vane:m. Height of Cairn:m.

Original Beacon has/~~has not~~ been destroyed by me.

Date

Record of Station

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

Description:

1. Cleared by janes bearing, $28^{\circ}\text{N} \sim 37^{\circ}\text{N}$, $91^{\circ}\text{W} \sim 97^{\circ}\text{W}$, 160°M , $232^{\circ}\text{M} \sim 231^{\circ}\text{M}$, from Trig. Mast $244.0\text{m} \sim 257^{\circ}\text{M}$; $335^{\circ}\text{M} \sim 335^{\circ}\text{M}$; $344^{\circ}\text{M} \sim 353^{\circ}\text{M}$.
2. Mast & Vanes have been painted white & black respectively. ✓

33. The station/pillar was ~~erected~~^{not supplied}/constructed on.....^{1st} ~~MAKCH~~ 19....., dimensions now being:

Description of mark 45. Above Pipe... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
Height of mark 4.370 m. above rock/concrete; Mark is 6.57 m. above G.L.

Height of Top Vanes to Top ~~Mark~~ Pillar plate ~~1.35~~ 1.35.....m.

Height of Cairn,.....m.
Diameter of Cairn,.....m.
Name Plate found/~~not found~~/placed.

Length of Mast ~~1.45~~ ^{1.55} m. (approximate if not unipiled)

4. A.....~~TRUE~~.....set in conc./week has been ~~placed~~ found, bearing.. ~~3.27~~ °M from Mast/Plug/Pillar

5. A.....~~S.M.~~.....set in conc/reck has been placed/found, bearing.....~~276~~.....° M from Mast/Ptng/Pillar

6. A.....set in conc/rock has been placed/ found, bearing.....^cM from Mast/Plug/Pillar

7. A.....set in conc/rock has been placed/found, bearing.....^oM from Mast/Plug/pillar

3. Action required: SOME MINOR RECLEARING OF LANES REQUIRED.

STANDPOINT:

STANDPOINT:

[illegible]

Prepared by:

Checked: _____

Noted on U.T.M. Card

St 2733-1

[illegible]

<p>Owner's Name: MORTON, NATIONAL PARKS Address: 1st Floor, Housing Commission, 24 & 26 24 BERRY ST., NOWRA 2541 Phone: (044) 21 9969</p>	<p>Current Occupant: Address: Phone:</p>	<p>Access Report of 1.103/19.73 was found <u>suitable</u>/unsuitable. Km. Feature 0.0 P.O. NERRIGA ~ HEAD TOWARDS NOWRA 9.50 TURN LEFT JUST OVER CREST OF HILL AND ON RIGHT HAND BEND SIGN 'TOUGA' 18.31 SMALL BRIDGE 18.85 TURN RIGHT ONTO FAINT TRACK IN MIDDLE OF CLEARING. FOLLOW TRACK FOR APPROXIMATELY 1.2 KM.</p>
<p>ACCESS 30-7-81</p>		

<p>Beacon Diagram</p> <div style="border: 1px solid black; height: 150px; width: 100%; position: relative;"> <p style="position: absolute; top: 10px; left: 10px; transform: rotate(-90deg);">PILLAR, MAINT & VANES IN GOOD CONDITION</p> </div>	<p>Not to Scale</p>
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This section to be completed by officer constructing pillar.

Original station mark found/not found.

Description of mark:

Original beacon found/not found.

Description of beacon:

Height Top of Vanes to Top Mark.....m.

Height of mark.....m, above G.L.
 below

Diameter of Vanes.....m. Height of Cairn.....m.

Original Beacon has/not been destroyed by me.