

75-10

6776  
STATION TS 10220  
CASONS (P)

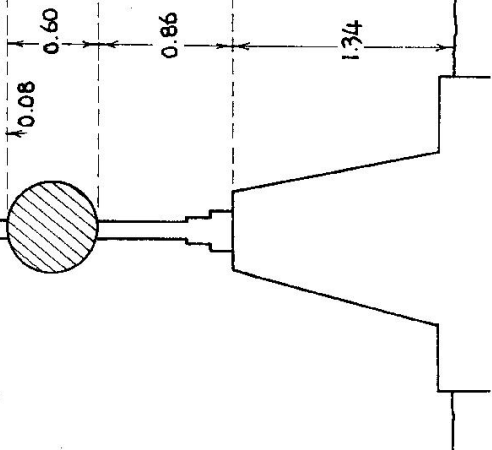
Co: CLARENCE Ph: YAMBA

Map Sheet: BROOMS HEAD No: 9538-1-N

Inspected by: P. R. Edwards Date: 20-12-76

Authority: Field Book:

Beacon Diagram



Date	Record of Station
May '76	Pillar erected

Department of Lands  
Integr. survey of N.S.W.  
RECONNAISSANCE and MAINTENANCE REPORT

This Trig. Station has been:-  
Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trigs.
2. Cleared by ~~fences~~ ~~beetings~~ ~~from Trig-Mast~~
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/not unpiled, dimensions now being:

Description of mark: **Steel Plate on Conc. Pillar** should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar  
 Height of mark: ..... m <sup>above</sup> / <sub>below</sub> rock/concrete ..... 1.34 m <sup>above</sup> G.L.  
 Height of Top Vanes to ~~Top Mast~~ Top pillar plate ..... 1.46 m Diameter of Vanes (vertical) 0.60 m.  
 Height of Cairn ..... m. Diameter of Cairn ..... m.  
 Length of Mast ..... 1.54 m. (approximate if not unpiled)

5. A. ~~SSM~~ set in conc/~~rock~~ has been placed/~~fd~~ 4-877 m. bearing ..... 208 °M from Trig-Mast/pillar  
Copper Pipe
6. A. in conc. set in conc/~~soil~~ has been placed/~~fd~~ 1-551 m. bearing ..... 135 °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  
Copper Pipe
9. Connection: SSM to in conc. 4-759 m. bearing ..... 50 °M
10. Connection: to ..... m. bearing ..... °M
11. Connection: to ..... m. bearing ..... °M
12. Connection: to ..... m. bearing ..... °M
13. Diff. Ht. SSM 20186 is 1.545 m. <sup>above</sup> / <sub>below</sub> Pillar. Plate
14. Diff. Ht. Copper Pipe in conc. is 1.42 m. <sup>above</sup> / <sub>below</sub> Pillar. Plate
15. Diff. Ht. is ..... m. <sup>above</sup> / <sub>below</sub>
16. Diff. Ht. is ..... m. <sup>above</sup> / <sub>below</sub>

Prepared by: P. R. Edwards Checked: L. J. Griffin





STATION CASSONS / NM 'c' 109

TS-6776

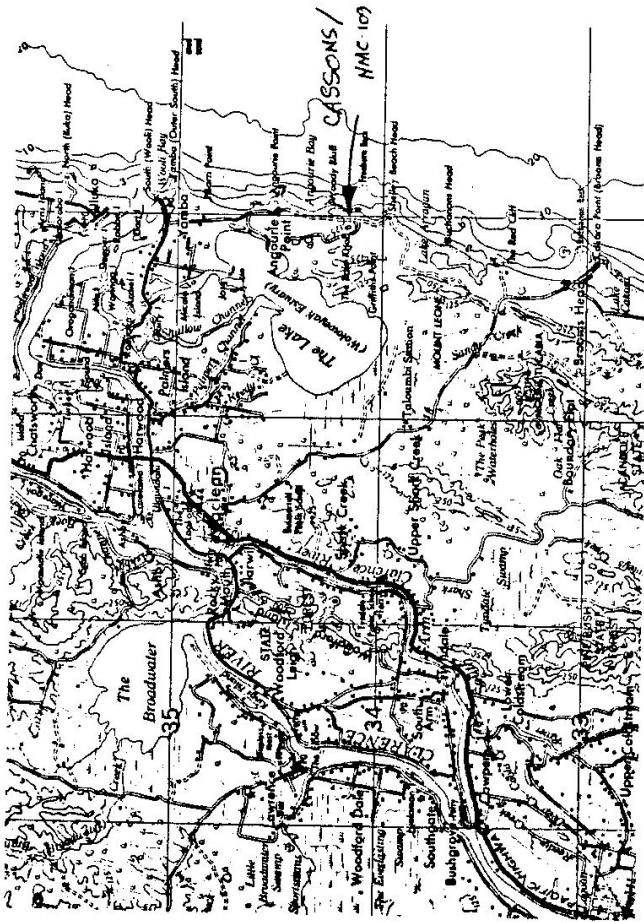
Current Occupant.....

Address.....

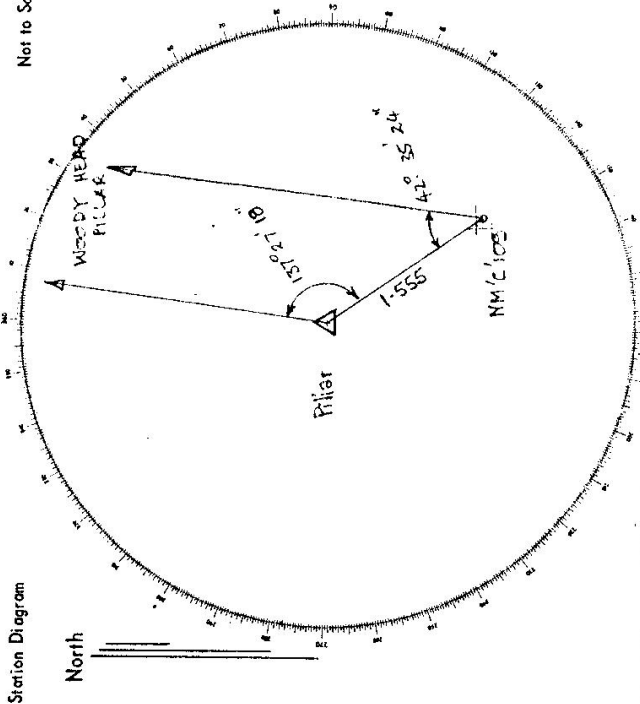
Owners Name.....

Address.....

Access Feb 1978



Not to Scale



List of Observed Directions:-

Standpoint: Pillar      Standpoint: NM 'c' 109

Station	Direction	Station	Direction
MACLEAN A	294°	WOODY HEAD	7°
WOODHEAD Is. tower	277°		
WOODY HEAD A	7°		
Station	Direction	Station	Direction

CENTRAL MAPPING AUTHORITY  
GEODETTIC SURVEY OF N.S.W.

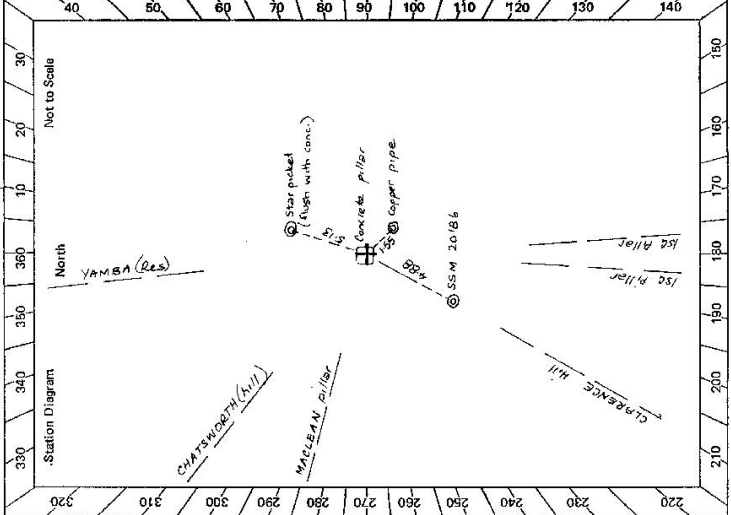
GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **CASSONS** No.: **6776**

MAP SHEET SCALE 1:250 000 **MACLEAN**

INSPECTED BY: **D. KINLYSIDE** DATE: **17th April 1980**

AUTHORITY: **C. M. A.** FIELD BOOK: **1853**



- Description: **3.60°** Note: Cross out word or words which do not apply
- Cleared by lanes bearing **3.60°** from Trig. Mast
  - Mast & Vanes have been painted white & black respectively.
  - The station/pillar was unpiled/net unpiled/constructed on **19**, dimensions now being: Description of mark **S/S pillar/pole** should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
Height of mark **1.34** m. above/below G.L.  
Height of Top Vanes to Top Mark/Pillar plate **1.46** m. Diameter of Vanes (vertical) **1.46** m.  
Height of Cairn **1.46** m. Diameter of Cairn **1.46** m. Name Plate found/net found/placed.  
Length of Mast **1.46** m. (approximate if not unpiled)
  - SSM** set in conc/rock has been placed/found, bearing **209°** M from Mast/Plug/Pillar
  - Copper pipe** set in conc/rock has been placed/found, bearing **135°** M from Mast/Plug/Pillar
  - Star picket** set in conc/rock has been placed/found, bearing **17°** M from Mast/Plug/Pillar
  - SSM** set in conc/rock has been placed/found, bearing **354°** M from Mast/Plug/Pillar
  - Action required: **pillar, mast, vanes, steel, star picket, copper pipe, SSM, require splicing**

STANDPOINT: Pillar			
Mark	Direction	Horiz. Distance	Height Difference
ESSENTIAL			
YAMBA (Res)	354°M		above standpt.
MACLEAN	209°M		above standpt.
CLARENCE	209°M		above standpt.
OTHERS			
150 Trig	183°M		above standpt.
150 Trig	177°M		above standpt.
CHATS WORTH (hill)	308°M		above standpt.

Prepared by: **D. Kinlyside** Checked: **[Signature]** Noted on U.T.M. Card



GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing **360°** *Note: Cross out word or words which do not apply* ..... from Trig. **MAST PILLAR**
2. Mast & Vanes have been painted white & black respectively. ✓
3. The ~~station~~/pillar was ~~unplaced/not unplaced~~/constructed on ..... 19 ..... dimensions now being:  
Description of mark **S/S PILLAR** should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
Height of mark **1.350** m. above ~~mark~~/concrete; Mark is **1.500** m. above ~~below~~ G.L.  
Height of Top Vanes to Top **MAST**/Pillar plate **1.455** m. Diameter of Vanes (vertical) **0.155** m.  
Height of ~~Centre~~ **MAST** ..... m. Diameter of ~~Centre~~ **MAST** ..... m. Name Plate ~~found/not found~~/placed.  
Length of Mast **1.555** m. (approximate if not unplaced)
4. A. **STAR PICKET** ..... set in conc./rock has been ~~placed~~/found, bearing **07** ° M from ~~MAST~~/Pillar
5. A. **COPPER PIPE** ..... set in conc./rock has been ~~placed~~/found, bearing **130** ° M from ~~MAST~~/Pillar
6. A. **S.S.M 20186** ..... set in conc./rock has been ~~placed~~/found, bearing **209** ° M from ~~MAST~~/Pillar
7. A. .... set in conc./rock has been placed/found, bearing ..... ° M from Mast/Plug/Pillar
8. Action required: .....

STANDPOINT: **CONC. PILLAR**

STANDPOINT: **S.S.M 20186**

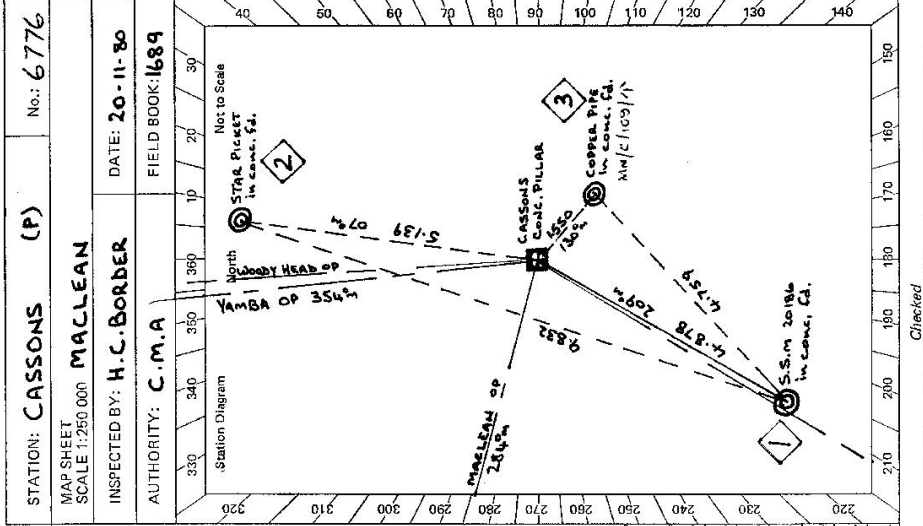
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
CLARENCE OP	359 59 60		above standpt.	CLARENCE OP	359 59 60		below standpt.
MACLEAN OP	73 06 00		above standpt.	MACLEAN OP	73 07 10		below standpt.
YAMBA OP	144 32 20		above standpt.	YAMBA OP	144 33 30		below standpt.
STAR PICKET	157 43 50	5.139	1.842 above standpt.	STAR PICKET	168 29 20	9.833	0.285 above standpt.
COPPER PIPE	283 23 40	1.550	1.421 above standpt.	CONC. PILLAR	179 50 20	4.874	1.547 above standpt.
S.S.M 20186	359 56 00	4.878	1.545 above standpt.	COPPER PIPE	148 17 50	4.759	0.124 above standpt.

Prepared by: **H.C. BORDER**

Checked: **B 28-11-80**

Noted on U.T.M. Cart

Sr 2733-1



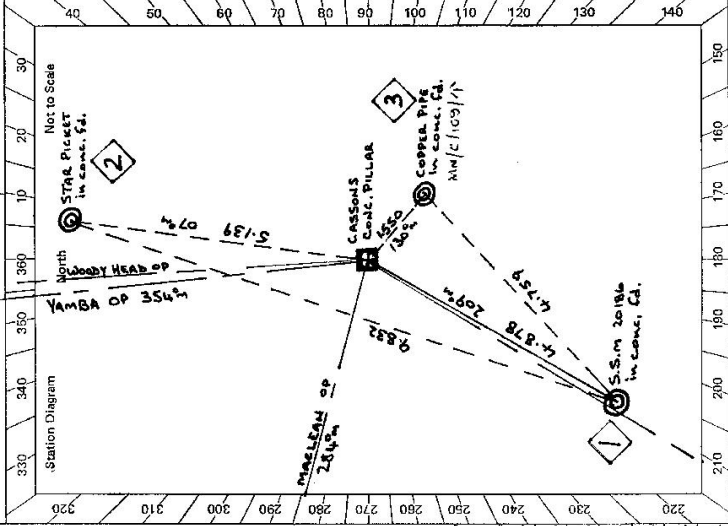
Checked

STATION: **CASSONS (P)** No.: **6776**

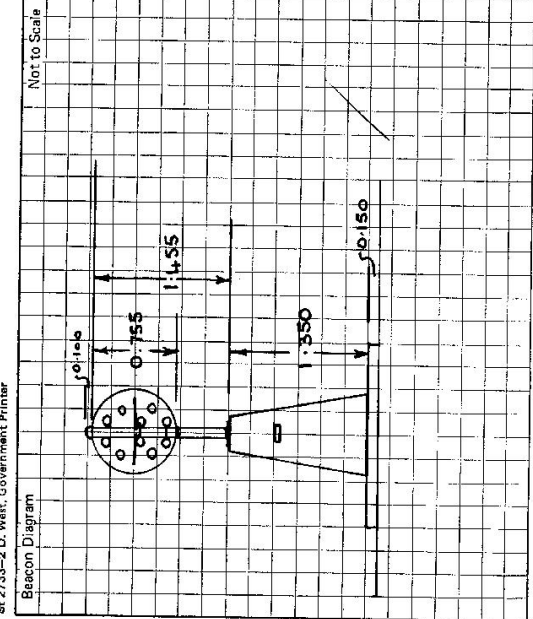
MAP SHEET SCALE 1:250 000 **MACLEAN**

INSPECTED BY: **H.C. BORDER** DATE: **20-11-80**

AUTHORITY: **C.M.A** FIELD BOOK: **1689**



St 2735-2 D. West, Government Printer



STATION **CASSONS (P)** TS-6776

Owner's Name: **ANGOURIE NATIONAL PARK**  
 Address: **N.P.W.S.**  
**Victoria Street GRAFTON**  
 Phone: **(066) - 420591**  
**Bob FRIDERICH**

Current Occupant:  
 Address:  
 Phone:

**ACCESS**

- km's Access Report of 11/4/1988 was found suitable/~~unsuitable~~.
- 0.0 Yamba P.O heading towards Maclean
  - 0.2 Turn left,
  - 1.0 Turn left, Sign Post, "ANGOURIE" "Garbage Depot"
  - 5.0 Turn Right, Sign Post, "LAKES Blvd."
  - 6.6 Turn left, Sign Post, "Service Trail to ANGOURIE NATIONAL PARK"
  - 4.0 B only from here
  - 7.0 Veer left at NATIONAL PARK "all flora & fauna protected" sign
  - 10.1 Leave Vehicle on main track and walk to Cone Pillar about 5 to 10 minutes easy walk, along closed Vehicle Track.

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 below rock/cornice ..... m. above below G.L.

Diameter of Vanes **0.600** m.

Height of Cairn ..... m.

Original Beacon has/has not been destroyed by me.

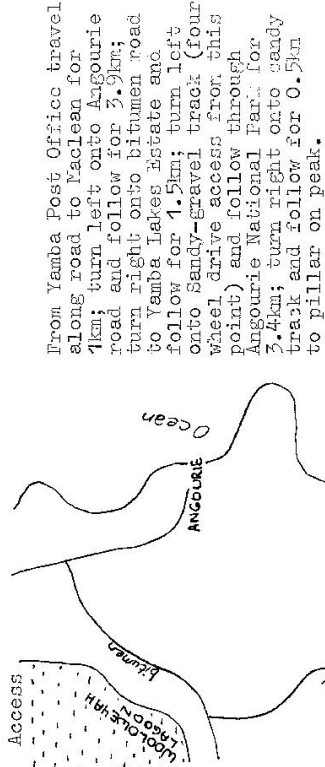
Date	Record of Station
20-11-80	Drill hole Vanes placed



<b>CONTROL DIAGRAM</b> CENTRAL MAPPING AUTHORITY - DEPT. OF LANDS County CLARENCE Parish YAMBA Run NSW		MAP SHEET BARE POINT No. 9538	STATION CASSONS (P) T.S. 6776
Photo Identification Sketch Not to Scale			
Photo Pt. Height Details.		To Obtain Unit of Measurement Scale Field Book	
Approx. Scale		Trig. Surveyor Examined Senior Trig. Surveyor	
SOUTH LATITUDE EAST LONGITUDE ZONE EASTING NORTHING		Survey Date Date Date Date	
Denium Accuracy Cadastral Corner Photo Point		Computer Examined	
STATION CO-ORDINATES EAST LONGITUDE EASTING NORTHING		Date Date Date Date	

STATION CASSONS (P) T.S. 6776

Owners Name: Crown Land within Portion 79  
 Resumed for National Park and  
 Reserved from Sale or Lease -  
 Gaz. 10/8/73



FOR ACCESS SEE MAINTENANCE  
 REPORT DATED 20/11/80

Pillar erected may 1976

Description of Mark: Steel plate on concrete pillar

Height of Mark: 1.74m above G.L.

Height Top of Vanes to Top Pillar Plate: 1.46m

Diameter of Vanes (vertical): 0.60m

Length of Mast: 1.54m

20/11/80 Station visited by OMA. Conc. pillar, s/s pillar  
 plate fd. Mast 1.555m, vanes dia 0.755 (changed  
 by OMA 20/11/80) Effective height top mark to  
 top pillar plate 1.455m. A star picket in conc,  
 Copper pipe in conc, SSM 20186 in conc. all fd  
 eccentric to pillar.

Department of Lands Integration Survey of N.S.W.

**RECONNAISSANCE and MAINTENANCE REPORT**

This Trig. Station has been: Note: Cross out word or words which do not apply

1. Completely cleared to permit 360° vision to surrounding Trigs. ✓
2. ~~Cleared by James-bearing~~ from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/~~not-unpiled~~, dimensions now being:

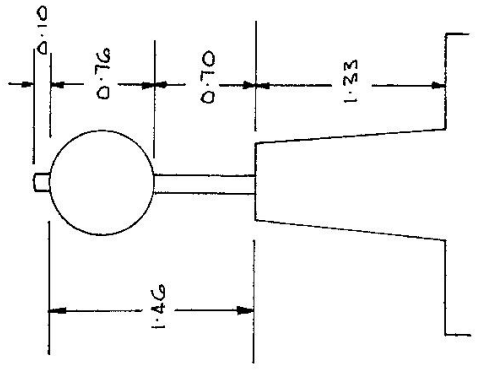
Description of mark: CONCRETE PILLAR should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar  
 Height of mark: 1.33 m above rock/concrete 1.33 m above G.L.  
 Height of Top Vanes to ~~Top-Mast~~ Top pillar plate: 1.46 m Diameter of Vanes (vertical): 0.76 m.  
 Height of ~~Centre~~ Top pillar plate Diameter of ~~Centre~~ Top pillar plate

- Length of Mast: 1.56 m. (approximate if not unpiled)
5. A. SSM set in conc/~~rock~~ has been placed/~~fd~~ 4.819 m. bearing 215°M from Trig. ~~Mast~~/pillar
  6. A. COOPER set in conc/~~soil~~ has been placed/~~fd~~ 1.553 m. bearing 139°M from Trig. ~~Mast~~/pillar (NMC/109)
  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 SSM Copper to Tube (NMC/109): 4.76 L. m. bearing 54°M
10. Connection: ..... to ..... m. bearing .....°M
11. Connection: ..... to ..... m. bearing .....°M
12. Connection: ..... to ..... m. bearing .....°M
13. Diff. Ht. SSM 20186 is 1.549 m. ~~above~~ below PILLAR PLATE.
14. Diff. Ht. COOPER Tube is 1.479 m. ~~above~~ below PILLAR PLATE.
15. Diff. Ht. is ..... m. ~~above~~ below
16. Diff. Ht. is ..... m. ~~above~~ below

Prepared by: Valerie Brown Checked: RU

Co: CLARENCE Ph: YAMBA  
 Map Sheet: BROOMS HEAD No: 9538-1-N  
 Inspected by: I. G. HELSHAM Date: 12 Nov 1981  
 Authority: INTEGRATION SURVEYS Field Book: 1774/3

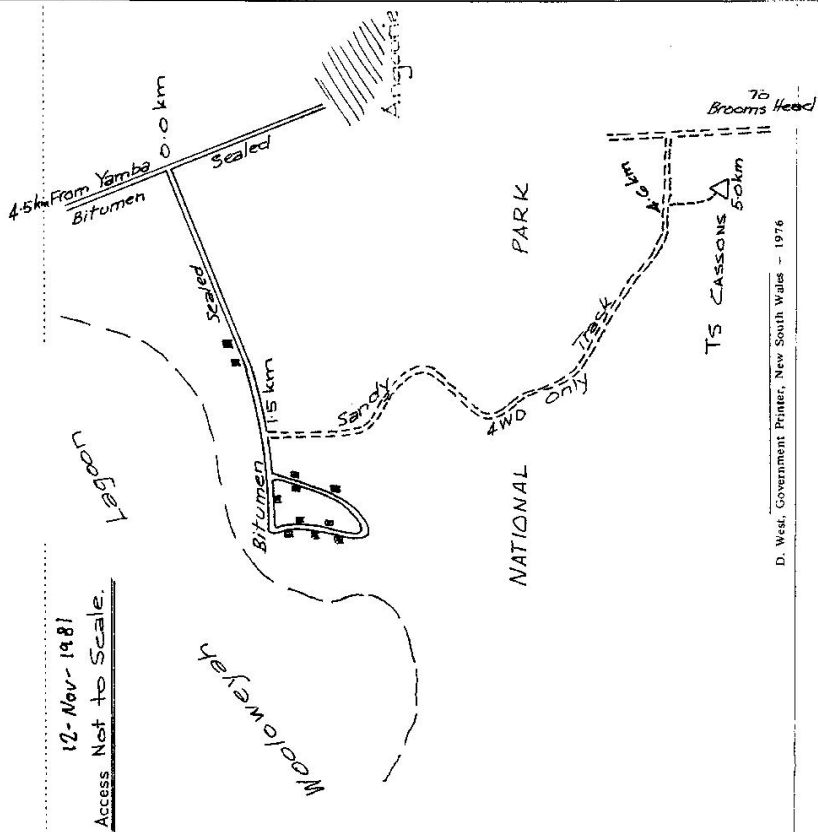
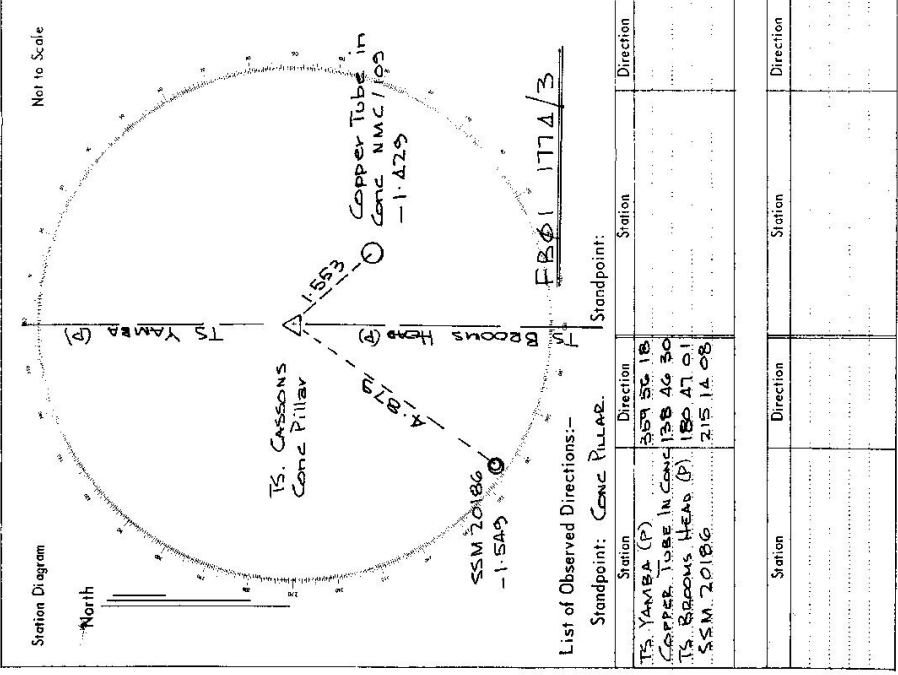


Date	Record of Station
12/11/81	Station Occupied

STATION  
 TS 10820 6776  
 CASSONS (P)

Current Occupant  
 Owners Name: NATIONAL PARKS AND WILDLIFE SERVICE  
 Address

12-Nov-1981  
 Access Not to Scale.



D. West, Government Printer, New South Wales - 1976