

TS 6232

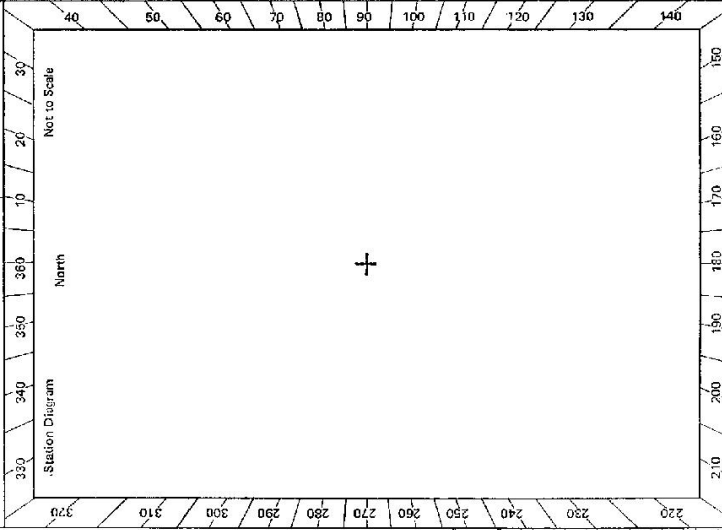
STATION: JIBROCK (F)

MAP SHEET
SCALE 1:250 000 WOLIJONGONG

INSPECTED BY: CMA

DATE: 1978

AUTHORITY: FIELD BOOK:



Checked

GEODETIC SURVEY OF M.S.W.
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description: *Note: Cross out word or words which do not apply*

1. Cleared by lanes bearing..... from Trig, Mast
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 platem. 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.....°M from Mast/Plug/Pillar
5. A.....set in conc/rock has been placed/found, bearing.....°M from Mast/Plug/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:.....

STANDPOINT:

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

Checked:

Noted on U.T.M. Card

Prepared by:

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

1. Cleared by lanes bearing 360 from Trig. Mast
2. Mast & Vanes have been painted white & black respectively.
3. The station/pillar was ~~replaced~~ ~~not replaced~~ /constructed on M. m. l.c. 197.8 m, 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 1.565 m. above rock/concrete; Mark is 1.495 m. above G.L.
Height of Top Vanes to Top Mark/Pillar plate 1.395 m. Diameter of Vanes (vertical) 2.55 m.
Height of Cairn 0 m. Diameter of Cairn 0 m. Name Plate ~~found~~ ~~not found~~ /placed.
Length of Mast 0 m. (approximate if not unipiled)
4. TRIG. PILLAR (Copper nail) set in conc/rock has been placed/found, bearing 314° M from Mast/Plug/Pillar
5. A.C.S. PILLAR NAIL set in conc/rock has been placed/found, bearing 23° M from Mast/Plug/Pillar
6. A.G.I. PILLAR set in conc/rock has been placed/found, bearing 314° M from Mast/Plug/Pillar
7. A. 0 set in conc/rock has been placed/found, bearing 0° M from Mast/Plug/Pillar
8. Action required: 0

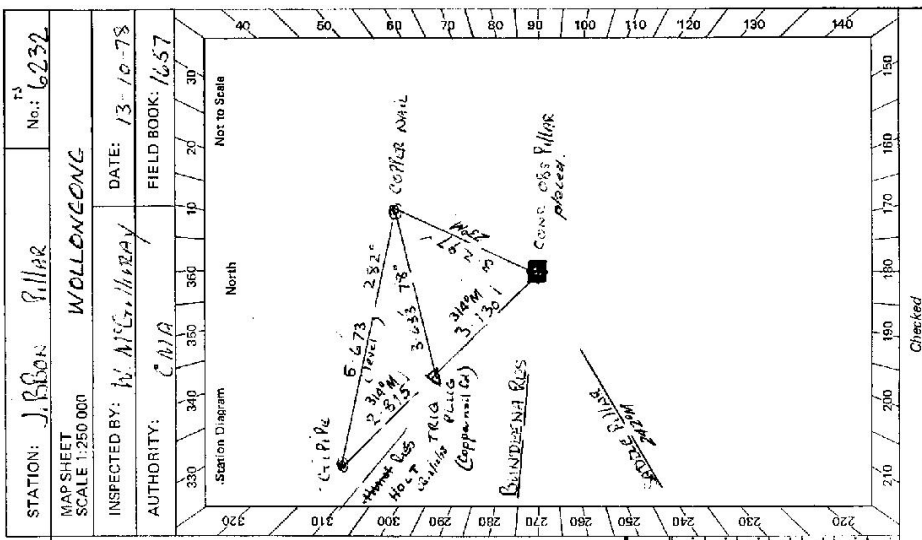
STANDPOINT: CORNER OBS PILLAR

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
SADDLE PILLAR	359 39 60		above standpt.	SADDLE PILLAR	339 59 60		above standpt.
NAIL (RES)	67 54 20		above standpt. below	NAIL (RES)	67 55 35		above standpt.
TRIG. PLUG	72 31 40	3.130	above standpt. below	G.I. P. PILE	72 09 15	2.815	0.002 above standpt.
G.I. P. PILE	72 19 20	5.938	above standpt. below	COPPER NAIL	194 44 00	3.633	0.055 above standpt.
COPPER NAIL	141 20 30	3.297	above standpt. below	J. BROWN PILLAR	252 31 45	3.129	above standpt. below
			below				below

Prepared by:

Checked: 23/5/22 Noted on U.T.M. Cart

5: 2758-1



Checked

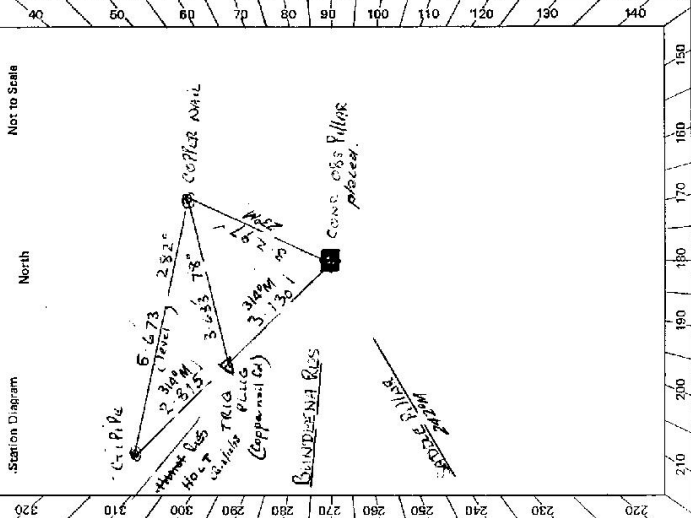
STATION: J. Brown Pillar No: 6232

MAP SHEET SCALE 1:250 000 WOLLOKEONG

INSPECTED BY: W. McT. HAY DATE: 13-10-73

AUTHORITY: CMA FIELD BOOK: 1657

Station Diagram North



STATION J. GIBSON (P) TS 6232	Owner's Name: N P W S Address: ROYAL NATIONAL PARK AUDLEY Phone: MR. KEJ. A. 9855 Access Report of: 13/10/1988 was found suitable/unsuitable. ACCESS	Current Occupant: Address: Phone:
Beacon Diagram 		Date Record of Station
This section to be completed by officer constructing pillar.		
Original station mark found/ not found .		
Description of mark: Con. Obs. Pils. - destroyed and replaced by new Pils.		
Original beacon found/not found.		
Description of beacon:		
Height Top of Vane to Top Mark m.		
Height of mark m. above rock/cont. below G.L.		
Diameter of Vane m. Height of Cairn m.		
Original Beacon has/has not been destroyed by me.		

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **JIBBON** No: **6232**

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

INSPECTED BY: **R. Ellis** DATE: **22-3-83**

AUTHORITY: **C.M.A.** FIELD BOOK: **AB 2024**

Description:

1. Cleared by James bearing 360° *Note: Cross out word or words which do not apply* from Trig. Mast

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

3. The station pillar was ~~unplaced~~ constructed on FES 19.72m, dimensions now being: *PLACED 8-3-83*

Description of mark S/S. 1.69m could be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark 1.69 m. above rock/concrete; Mark is 1.7 m. above G.L. *NEW MAST & VANES*

Height of Top Vanes to ~~Top~~ Mark/Pillar plate 1.435 m. Diameter of Vanes (vertical) 0.755 m.

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

Length of Mast 1.535 m. (approximate if not unplied)

4. A. ~~set in conc/rock has been placed~~ found; bearing M from ~~Mast/Pillar~~

5. A. ~~set in conc/rock has been placed~~ found; bearing M from Mast/Plug/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 Nil *New mast and vanes fitted. Old mast/vanes had been destroyed. Heights for new mast and vanes are above*

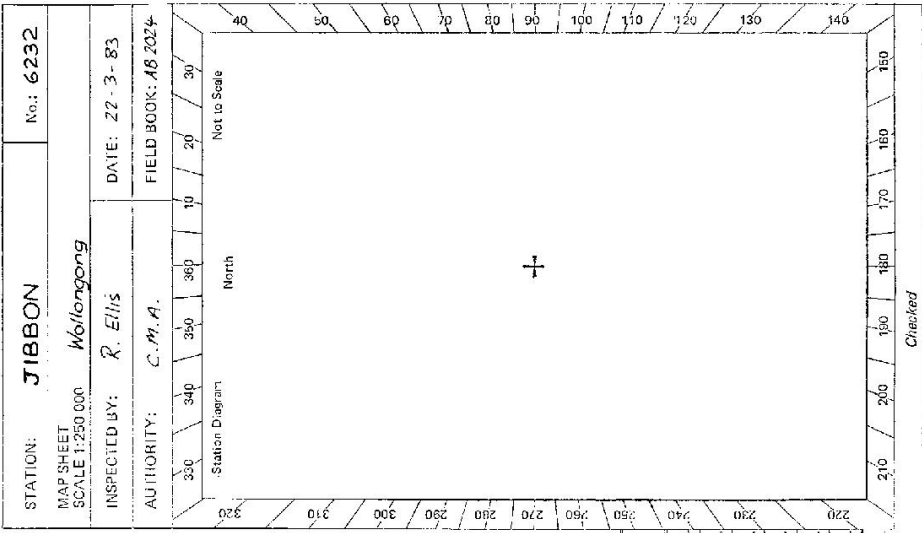
STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt.				above standpt.
			below				below
			above standpt.				above standpt.
			below				below
			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: *Allen* 20/5/83

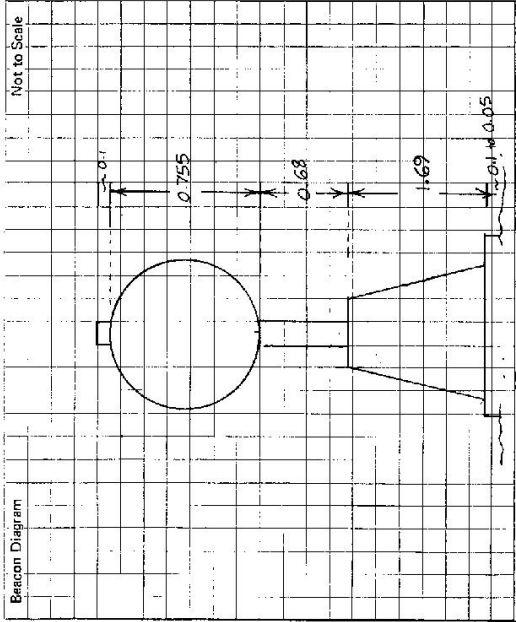
Checked: *Need on U.T.M. Card*

ST 2783-1



Sr: 2733-2 D. West, Government Printer

STATION **JIBSON TS 6232**



Owner's Name: **NP & WS**
 Address: **RODLEY**
 Phone: **N.S.W.**

ACCESS

Access Report of **22.3.1983** was found suitable/unsuitable.

- FEATURE**
- 0.0 AT BUNDEENA PETROL STATION HEAD TOWARDS RODLEY ALONG BUNDEENA DRIVE.
 - 1.35 TURN LEFT THROUGH LOCKED GATE (NPWS KEY)
 - 2.65 FOLLOW FIRE TRAIL
 - 2.95 TURN LEFT AT OBLIQUE CROSS INTERSECTION STRAIGHT AHEAD THROUGH CROSS INTERSECTION
 - 3.10 VEER RIGHT AND ALONG TRACK.
 - 3.60 TURN LEFT AT TOP OF HILL & MAKE OWN WAY ALONG RIDGE TO JIBSON (P)

Current Occupant:
 Address:
 Phone:

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 G.L.

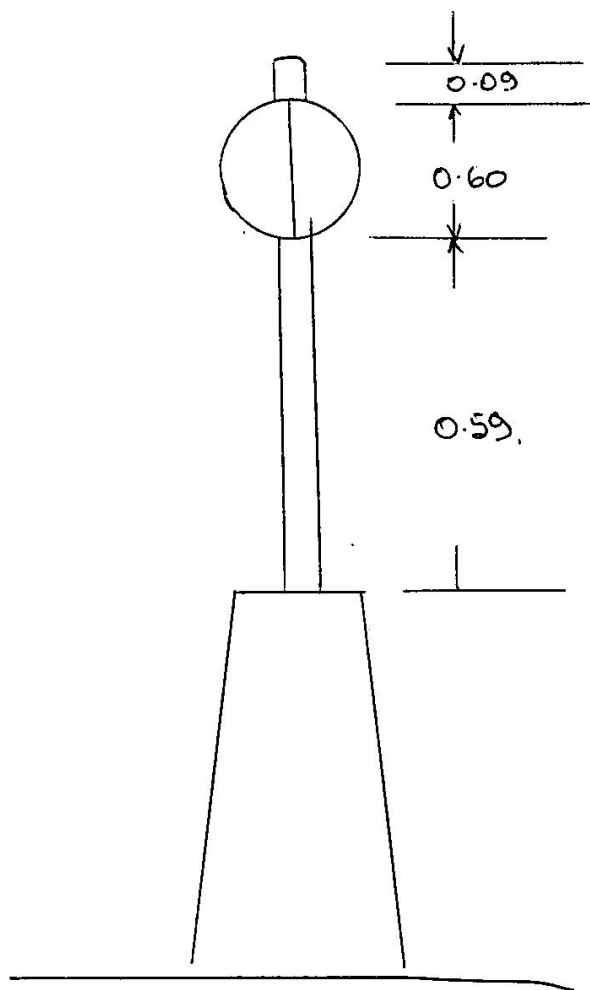
Diameter of Vanes:m.

Original Beacon has/has not been destroyed by me.

Height of Cairn:m.

Date

Record of Station



JIBBON TS
6/2/92

THE UNIVERSITY OF NEW SOUTH WALES

P.O. BOX 1 • KENSINGTON • NEW SOUTH WALES • AUSTRALIA • 2033
TELEX AA26054 • TELEGRAPH: UNITECH, SYDNEY • TELEPHONE 697 2222
FACSIMILE +61 2 662 6616 • DIRECT LINE (phone) XXXXXXXX
FACSIMILE +61-2-313 7493 +61-2-697 4173



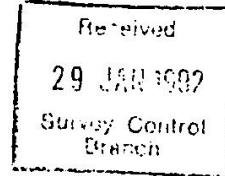
Please Quote

JMR

SCHOOL OF SURVEYING

Dr. J.M. Rueger

Survey Control Branch
Land Information Centre
Department of Lands
G.P.O. Box 39
SYDNEY NSW 2001



21 January 1992

Re: Report of Damage to Trig. Station Beacon


Dear Sir,

On 17 January 1992, I did visit the Trigonometric Station "JIBBON" (Elev. 86 m), near Bundeena, Royal National Park (Topographic Map 1:25000, Port Hacking, 9129-4-N). I found the top section of the beacon lying on the ground. The bottom section of the vertical (plastic) pipe is still attached to the concrete pillar.

Sincerely,

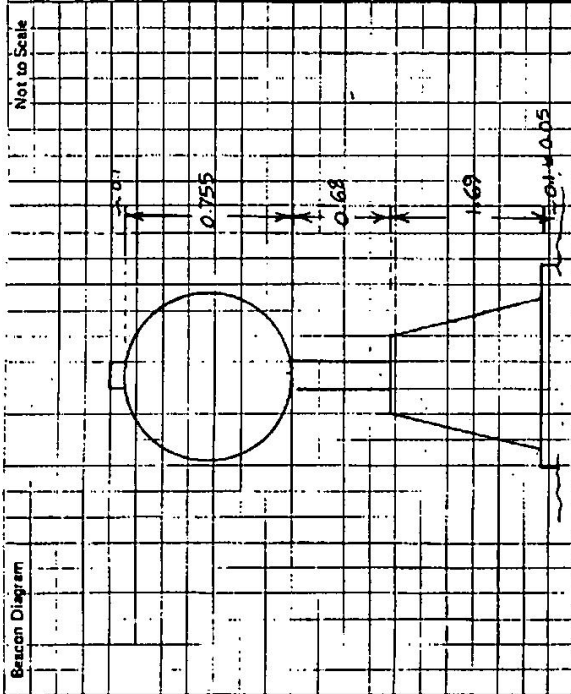
Jean M. Rueger
Associate Professor

Attached is a diagram showing dimensions of new mast

is - beacons. Card noted  10-2-92.
10/1/92

S: 3733-3 D. West Government Printer

STATION **JIBSON TS 6232**



Owners Name: **NPWS**
 Address: **AUBREY**
 Phone: **N.S.W.**

Current Occupant:
 Address:
 Phone:

ACCESS

Access Report of **22.2.1983** was found suitable/unavailable.

FEATURE
 AT BUNDEENA PETROL STATION HEAD TOWARDS RUDLEY ALONG
 BUNDEENA DRIVE.
 TURN LEFT THROUGH LOCKED GATE (NPWS KEY)
 FOLLOW FIRE TRAIL
 TURN LEFT AT OBLIQUE CROSS INTERSECTION
 STRAIGHT AHEAD THROUGH CROSS INTERSECTION
 VEER RIGHT AND ALONG TRACK.
 TURN LEFT AT TOP OF HILL & MAKE OWN WAY
 ALONG RIDGE TO STATION (P)

KM
 0.0
 1.35
 2.85
 2.95
 3.10
 3.60

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 rock/conc.....m. below G.L.

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

Original Beacon has/has not been destroyed by me.

Date

Record of Station

75-103

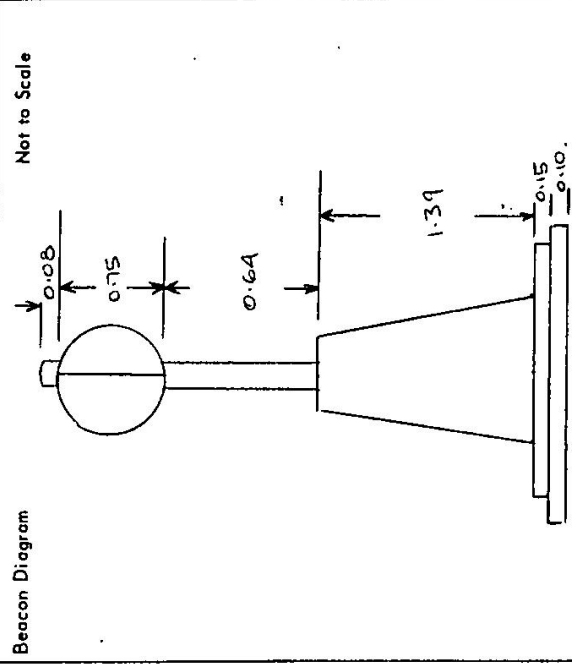
STATION 2615 JIBBON (P) TS.

Co: CUMBERLAND Ph: WATTAMOLLA

Map Sheet: PORT HACKING No: 9129.

Inspected by: C. STARKEY Date: 1A-2-79

Authority CROWN LANDS OFFICE Field Book: 1281/4.



Beacon Diagram Not to Scale

NB THIS IS A NEW PILLAR. PREVIOUS PILLAR WAS DESTROYED BY VANDALS.

Date	Record of Station

Department of Lands
 Integratic Arvey 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 lanes bearing from Trig. Mast

3. Trig. Mast & Vanes have been painted white & black respectively.

4. The Trig. was unpiled/not-impiled, dimensions now being:

Description of mark. CONCRETE PILLAR ✓ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar

Height of mark. 1.39 ✓ m above rock/concrete m above below G.L.

Height of Top Vanes to Top-Mark/Top pillar plate 1.39 ✓ 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. GA. PIPE set in conc/rock has been placed/fd 5.935 ✓ m. bearing 315 ✓ °M from Trig. Mast/pillar
 COPPER SPIKE

6. A. OLD PLUG set in conc/soil has been placed/fd 3.176 ✓ m. bearing 315 ✓ °M from Trig. Mast/pillar

7. A. COPPER SPIKE set in conc/soil has been placed/fd 3.294 ✓ m. bearing 24 ✓ °M from Trig. Mast/pillar

8. A. set in conc/rock has been placed/fd m. bearing °M from Trig. Mast/pillar
 COPPER SPIKE

9. Connection (OLD TRIG. to GA. P.) : 2.809 ✓ m. bearing 315 ✓ °M
 PLUG

10. Connection. to COPPER SPIKE : 3.630 ✓ m. bearing 77 ✓ °M

11. Connection. to m. bearing °M

12. Connection. to m. bearing °M

13. Diff. Ht. COPPER SPIKE is 1.773 ✓ m. above below PILLAR PLATE.
 (OLD TRIG. PLUG)

14. Diff. Ht. GA. PIPE is 1.717 ✓ m. above below " "

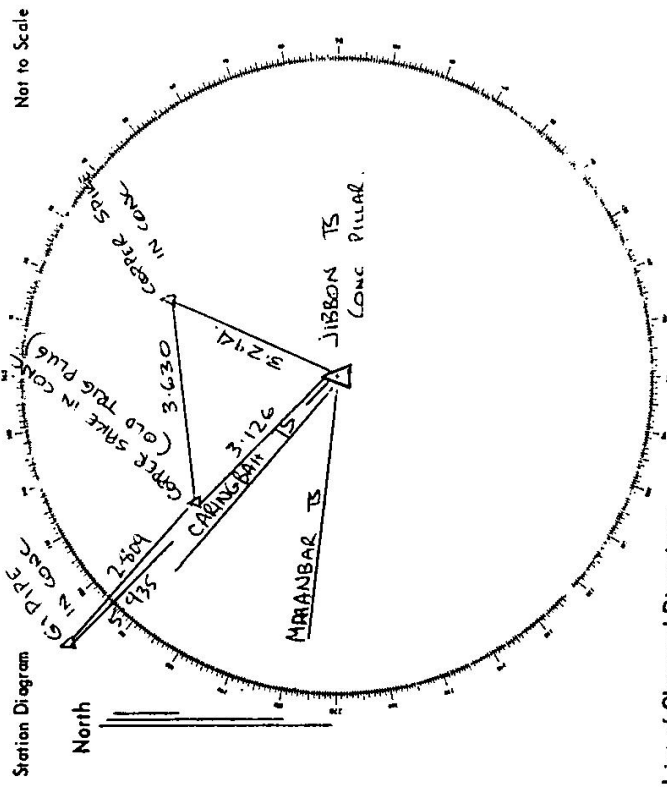
15. Diff. Ht. COPPER SPIKE is 1.717 ✓ m. above below " "

16. Diff. Ht. is m. above below " "

Prepared by: C. STARKEY Checked by: De la Haye

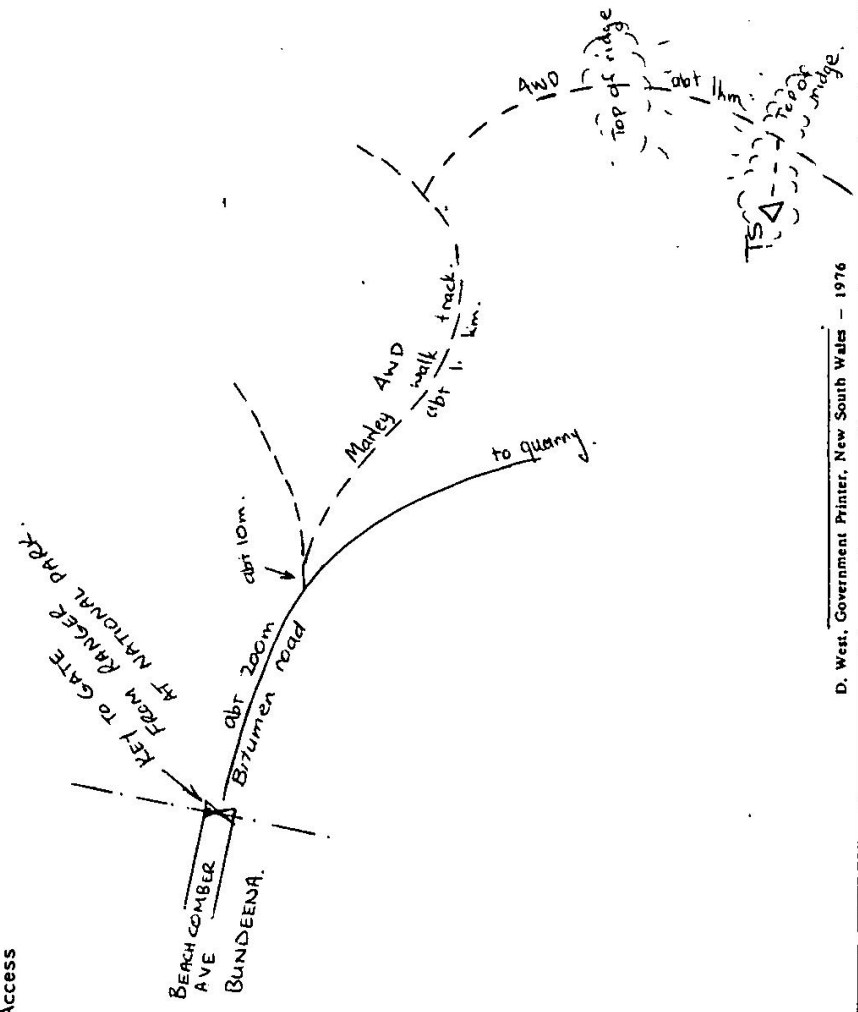
STATION 2615 JIBBON (P)

Owners Name.....
 Current Occupant.....
 Address.....
 Access.....



List of Observed Directions:-

Station	Direction	Station	Direction
MIRANBAR TS	276°13'08.4"	PILLAR	0°00'00"
CARRINGBAH TS	310°40'33.0"	GI PIPE IN CONC	179°39'56"
OLD TRIG. PLUG	315°16'21.6"	COPPER SPIKE IN CONC	302°12'46.1"
GI PIPE	315°06'23.7"		
COPPER SPIKE IN CONC	24°04'45.2"		



CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:
 1. Cleared by lanes bearing..... 360° Note: Cross out word or words which do not apply from Trip. Mast
 2. Mast & Vanes have been painted white & black respectively. ✓
 3. The station/pillar was ~~replaced/re-constructed~~ constructed on 11.10.1978, dimensions now being:
 Description of mark: S/S Pillar (Steel) should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark: 1.565 m. above rock/concrete; Mark is 1.495 m. above G.L.
 Height of Top Vanes to Top Mark/Pillar plate 1.395 m. Diameter of Vanes (vertical) 0.755 m.
 Height of Cairn..... m. Diameter of Cairn..... m. Name Plate found/not-found/placed.
 Length of Mast..... m. (approximate if not unplied)
 4. A Trig. Pillar (Steel) set in conc/rock has been placed/found, bearing 314° M from Mast/Plug/Pillar
 5. A Co. Pillar Nail set in conc/rock has been placed/found, bearing 23° M from Mast/Plug/Pillar
 6. A S.I. Pillar set in conc/rock has been placed/found, bearing 314° M from Mast/Plug/Pillar
 7. A..... set in conc/rock has been placed/found, bearing.....° M from Mast/Plug/Pillar
 8. Action required:.....

STANDPOINT: <u>CONC OSS Pillar</u>		STANDPOINT: <u>TRIG. PLUG (Co. Pillar Nail)</u>					
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
<u>SADDLE Pillar</u>	<u>359 29 60</u>		above standpt.	<u>SADDLE Pillar</u>	<u>59 59 60</u>		above standpt.
<u>W.D.L. (Rock)</u>	<u>67 54 20</u>		above standpt.	<u>W.D.L. (Rock)</u>	<u>67 55 35</u>		above standpt.
<u>TRIG. PLUG</u>	<u>72 31 40</u>	<u>3.130</u>	below standpt.	<u>G.I. P. PL</u>	<u>72 07 15</u>	<u>2.815</u>	above standpt.
<u>G.I. P. PL</u>	<u>72 19 20</u>	<u>5.738</u>	below standpt.	<u>Co. Pillar Nail</u>	<u>194 44 00</u>	<u>3.633</u>	above standpt.
<u>Co. Pillar Nail</u>	<u>141 20 30</u>	<u>3.297</u>	below standpt.	<u>J. Gibson Pillar</u>	<u>252 31 45</u>	<u>3.129</u>	above standpt.
			below standpt.				below standpt.
			below standpt.				below standpt.

Prepared by: J. Gibson Checked: J. Gibson 27.5.78. Noted on U.T.M. Cart

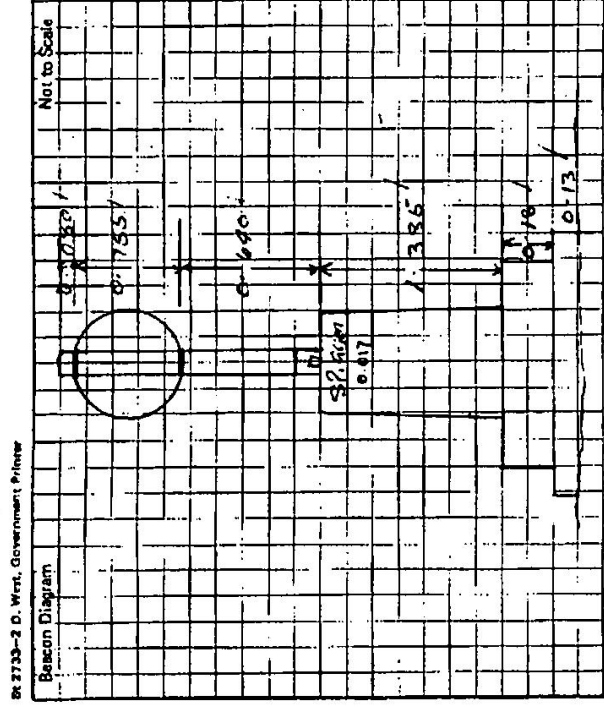
STATION: J. Gibson Pillar No: 6232
 MAP SHEET SCALE 1:250 000 WOLLONGONG
 INSPECTED BY: V. McMillan DATE: 13-10-78
 AUTHORITY: CMA FIELD BOOK: 1657

Station Diagram
 Not to Scale

STATION **J. Gibson (P) TS 6232**

Owner's Name: **N.P.W.S**
 Address: **ROYAL NATIONAL PARK**
AUDLEY
MO. KEW AVESS.
 Phone:
 Current Occupant:
 Address:
 Phone:
ACCESS

Access Report of: **13/10/1988** was found suitable/unsuitable.



This section to be completed by officer constructing pillar.

Original station mark found/~~replaced~~.

Description of mark: **Conc. Obs. Pillar - destroyed and replaced by New Pillar**

Original beacon found/not found.

Description of beacon:

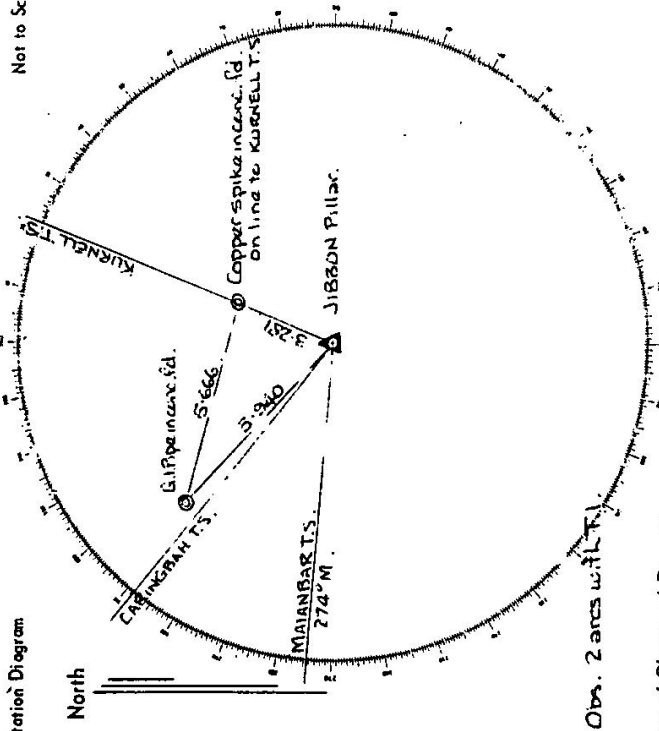
Height Top of Vanes to Top Markm.
 Height of markm. above rock/concm. below G.L.
 Diameter of Vanesm. Height of Cairnm.
 Original Beacon has/has not been destroyed by me.

Date	Record of Station

STATION T.S 12615 JIBBON (P)

Owners Name... N.P.S.W.S.
 Current Occupant.....
 Address.....
 Address.....
 Access AS per Trig. card.

Not to Scale



List of Observed Directions:-

Station	Direction	Station	Direction
MAIANBAR T.S.	0 00 00	T.S. MAIANBAR T.S.	0 00 00
T.S. CARRINGBAH	34 27 20	T.S. CARRINGBAH	34 30 37
G.I. Pipe (Jibbon)	38 42 13	T.S. KURNELL	107 48 00
T.S. KURNELL & Copper Spike	107 42 43	Copper Spike	186 00 56
		T.S. Jibbon (P)	218 44 33

Station	Direction	Station	Direction

NB. Coords of G.I. Pipe are 314 140 936 1225653 697 Zone 56/1
 based on Pillar coords of 314 144 186 1225 648 712

TS 6232

STATION: JIBSON (F) No: 2615
 MAP SHEET SCALE 1:250 000 WOLLONGONG
 INSPECTED BY: CMA DATE: 1978
 AUTHORITY: FIELD BOOK:
 Station Diagram
 330 340 350 360 370 380 390
 North
 40 50 60 70 80 90 100 110 120 130 140
 220 230 240 250 260 270 280 290 300 310 320
 Not to Scale
 +

CENTRAL MAPPING AUTHORITY
 GEODETIC SURVEY OF N.S.W.
 GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description: Note: Cross out word or words which do not apply
 1. Cleared by lanes bearing..... from Trig. Mast

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 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.....° M from Mast/Plug/Pillar

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

STANDPOINT:				STANDPOINT:			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt
			above standpt				above standpt
			below standpt				below standpt

Prepared by: Checked: Noted on U.T.M. Grid