

7-5-10-8

Department of Lands

Integrat survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT 1103

STATION TS (BRUNSWICK (P)) 5933

This Trig. Station has been:-

Note: Cross out word or words which do not apply

Co: ROUS Ph: MILLRUDGE

Map Sheet: BRUNSWICK No: 9640-IV-N

Inspected by: G.P. WAIDE Date: 25-1-77

Authority: Field Book:

1. Completely cleared to permit 360° vision to surrounding Trigs.

~~Clearance by contractor bearing~~

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 Concrete Pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar

Height of mark.....m above rock/concrete1.40 m above G.L. ~~xxxx~~

Height of Top Vanes to ~~Top Mast~~ Top pillar plate1.473 m Diameter of Vanes (vertical)...0.60 m.

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

Length of Mast 1.563 m. (approximate if not unpiled)

2.86

5. A. ~~SSW~~ set in conc/~~rock~~ has been placed ~~at~~.....m. bearing.....185...°M from ~~top of mast~~ pillar

6. A. ~~PM (QUASCO)~~ set in conc/~~rock~~ has been placed ~~at~~.....m. bearing.....266...°M from ~~top of mast~~ pillar

7. A. ~~set in conc/soil~~ has been placed ~~at~~.....m. bearing.....°M from Trig. Mast/pillar

8. A. ~~set in conc/rock~~ has been placed ~~at~~.....m. bearing.....°M from Trig. Mast/pillar

9. Connection ~~PM~~ to ~~SSW~~.....m. bearing 134.°M ~~PM Number QUASCO is Brass Plaque set in concrete.~~

10. Connection.....to.....m. bearing.....°M

11. Connection.....to.....m. bearing.....°M

12. Connection.....to.....m. bearing.....°M

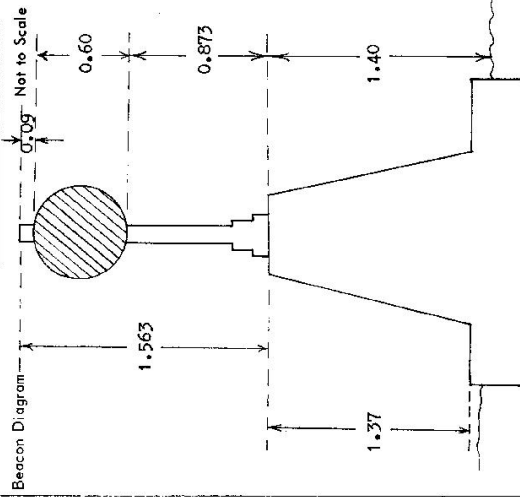
13. Diff. Ht. ~~PH. (QUASCO)~~ is 1.225 m. ~~below~~ PILLAR.....

14. Diff. Ht. ~~SSW-23341~~ is 1.835 m. ~~below~~ PILLAR.....

15. Diff. Ht. ~~SSW-23341~~ is 0.610 m. ~~below~~ ~~QUASCO~~ PH. (QUASCO).....

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

Prepared by: G.P. WAIDE Checked:



Date

15.12.76

Record of Station

Pillar erected

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical 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 lones bearing ✓ from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. ✓
4. The Trig. was unpiled/~~not unpiled~~, dimensions now being: 0. P. should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Description of mark Conc. O.P. 0.603 m above rock/concrete 0.603 m above G.I. Pipe
 Height of mark 0.603 m above rock/concrete 0.603 m above G.I. Pipe
 Height of Top Vanes to Top Mark 1.471 m. Diameter of Vanes (vertical) 0.603 m.
 Height of Cairn 0.115 m. Diameter of Cairn 0.115 m.

- Length of Mast 0.115 m. (approximate if not unpiled)
5. A. QUASCO ~~set~~ ^{found} in conc/rock has been placed 2.804 m. bearing 270.0 M from Trig. Mast Pillar
 6. A. SSM ~~set~~ ^{found} in conc/~~soil~~ has been placed 2.956 m. bearing 184.0 M from Trig. Mast Pillar
 7. A. Cu. Nail ~~set~~ ^{found} in conc/~~soil~~ has been placed 4.036 m. bearing 248.0 M from Trig. Mast Pillar
 8. A ~~set~~ ^{found} in conc/rock has been placed 0.115 m. bearing 0.0 M from Trig. Mast

9. Connection PM to SSM 3.881 m. bearing 136.0 M
10. Connection PM to Cu. Nail 1.715 m. bearing 203.0 M
11. Connection PM to SSM 3.881 m. bearing 136.0 M
12. Connection PM to SSM 3.881 m. bearing 136.0 M

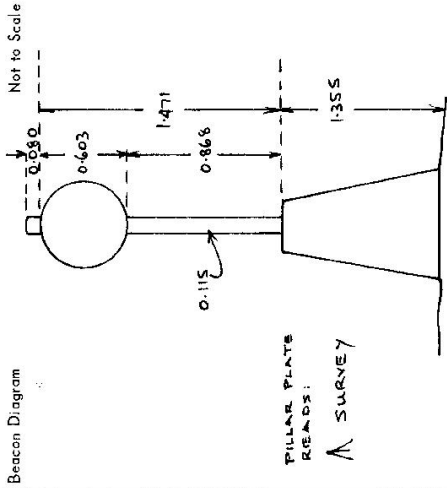
13. Diff. Ht. Pillar Plate is 1.235 m. above QUASCO PM
14. Diff. Ht. Pillar Plate is 1.893 m. above SSM 23341
15. Diff. Ht. Pillar Plate is 1.440 m. above Cu Nail
16. Diff. Ht. SSM is 1.440 m. above Cu Nail

Prepared by: [Signature] Checked: [Signature]

Noted on U.T.M. Card

STATION BRUNSWICK G5 5933

Co: Rous Ph: Billinudgel
 Map Sheet: BALLINA No: 9640
 Inspected by: W. Miller Date: Sept 1977
 Authority: CMA Field Book:



Note: No NAME PLATE

Date	Record of Station
	PILLAR CONSTRUCTED BY DEPT. OF LANDS.

Checked

STATION BRUNSWICK GS 5933

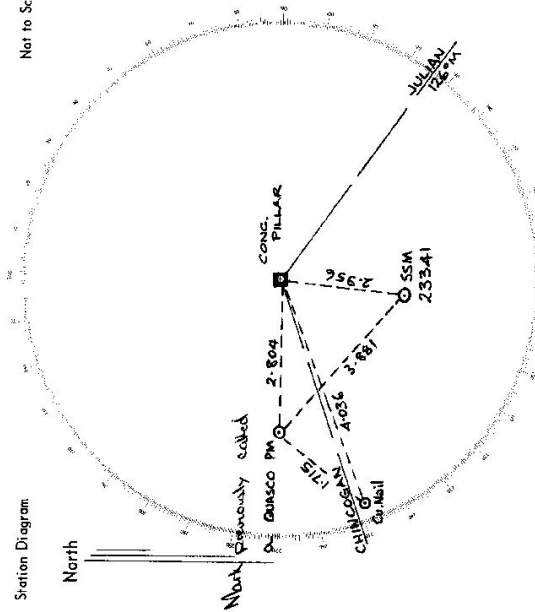
Owners Name.....
 Current Occupant.....
 Address.....
 Address.....

Access Sept 1977

Not to Scale

Station Diagram

North



List of Observed Directions:-

Station	Direction	Station	Direction
JULIAN GS (P)	359 59 60	JULIAN GS (P)	85 59 60
SSM 23341	58 56	SSM 23341	12 56
Cu. Nail	123 08	Cu. Nail	88 20
CHINGOGAN GS (P)	124 57 235	CHINGOGAN GS (P)	124 57 192
QUASCO PM	143 33	SPIGOT	823 37

Standpoint: Conc. OP

Standpoint: QUASCO PM

Mark previously called

Station	Direction	Station	Direction

CENTRAL MAPPING AUTHORITY

GEODETTIC SURVEY OF N.S.W.

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by ~~James bearing~~ **Ni clearing** 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/not unplaced~~/constructed on **19**, dimensions now being:

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

Height of mark **4.50** m. ^{above} rock/concrete; Mark is **4.77** m. ^{above} G.L.

Height of Top Vanes to Top Mast/Pillar plate **1.77** m. Diameter of Vanes (vertical) **0.607** m.

Height of Cairn **0.00** m. Diameter of Cairn **0.00** m. Name Plate found/~~not found~~/placed.

Length of Mast **0.00** m. (approximate if not unplaced)

4. **A.S.M.** **2.334.1** set in conc/rock has been ~~placed~~/found, bearing **1.85**° M from ~~Mast/Plug/Pillar~~ **2.9** m

5. **A.P.M.** **(G.U.S.C.)** set in conc/rock has been ~~placed~~/found, bearing **2.66**° M from ~~Mast/Plug/Pillar~~ **2.8** m

6. **A.G.I.P.** set in conc/rock has been ~~placed~~/found, bearing **2.66**° M from ~~Mast/Plug/Pillar~~ **3.7** m

7. **A.C.N.I.** set in conc/rock has been ~~placed~~/found, bearing **2.48**° M from ~~Mast/Plug/Pillar~~ **4.0** m.

8. Action required: **Painting Mast** ~~replaced~~ **connections**

STANDPOINT: **G.S.O.P.**

STANDPOINT:

Mark	Direction Required	Horiz. Distance	Height-Difference	Mark	Direction	Horiz. Distance	Height Difference
Palmwood (hill)	271° 43' 6"	proved	above standpt.	BYRON VIEW G.S.O.P.	171° 41'		above standpt.
Goonengerry (hill)	229° 59' 6"	"	above standpt.	ROBINGBAR (hill)	335° 35'		above standpt.
JULIAN G.S.O.P.	137° 44' 6"	"	above standpt.	Warning (hill)	298° 32'		above standpt.
CHUNCOBAN G.S.O.P.	262° 42'	"	above standpt.				above standpt.
MOOBALL G.S.O.P.	8° 45'	"	above standpt.				above standpt.
CAPE BYRON G.S.O.P.	143° 01'	"	above standpt.				above standpt.

Prepared by: **D.F. REDRIKSEN 24/1/80** Checked: **P. Holden** Noted on U.T.M. Card

SR 2733-1

STATION: **BRUNSWICK G.S.O.P.** No.: **5933**
 MAP SHEET SCALE 1:250 000 **TWEED HEADS**
 INSPECTED BY: **D. Fredrikson** DATE: **12/3/80**
 AUTHORITY: **C.M.A.** FIELD BOOK: **1852**

Station Diagram
 Not to Scale
 North

Checked: **P. Holden 12/3/80**

STATION BRUNSWICK GSOP 5933

Owner's Name: *Byron Shire Council*
 Address: *Parkland*
 Phone:
 Current Occupant:
 Address:
 Phone:

ACCESS

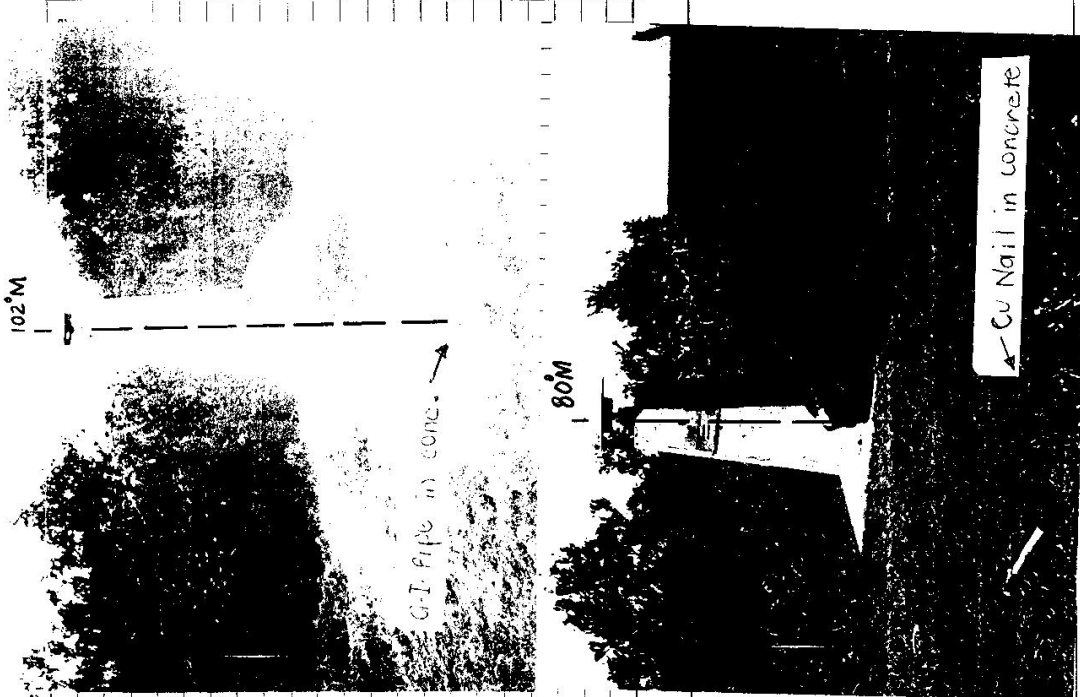
old Access Report of *12/3/1988* was found suitable/unavailable.

Km's

- 0.0 BRUNSWICK HDS. P.O. to Pacific Hwy.
- 0.2 TURN RIGHT to TWEED HEADS
- 1.9 BRIDGE
- 2.1 Turn RIGHT into Rajah Road
- 2.4 Turn LEFT into Warrumbool Rd
- 2.8 Turn LEFT into TOONGARRA Drive
- 3.2 Turn LEFT to Lookout
- 3.4 Car park, walk 100 m to trig.

Feature

- BRUNSWICK HDS. P.O. to Pacific Hwy.
- TURN RIGHT to TWEED HEADS
- BRIDGE
- Turn RIGHT into Rajah Road
- Turn LEFT into Warrumbool Rd
- Turn LEFT into TOONGARRA Drive
- Turn LEFT to Lookout
- Car park, walk 100 m to trig.



Date	Record of Station
<i>13/3/80</i>	<i>No cleaning or construction required, access to public at all times. Council engineer is aware of its existence.</i>
<i>5/8/97</i>	<i>GPS observed for EPOCH 92, access OK</i>

GEODETTIC SURVEY OF NS.I.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **BURNSWICK GS (P)** No.: **5933**
 MAP SHEET SCALE 1:250 000
 INSPECTED BY: **L HITCHIN** DATE: **26.11.80**
 AUTHORITY: **CMA** FIELD BOOK: **1826**

- Description: **260°** 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~~ ~~connected~~ on **16.11.1980**, 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: **1.270** m. above ~~rock~~ ~~concrete~~ Mark is **1.440** m. above G.L.
 Height of Top Vanes to Top Mark/Pillar plate **1.430** m. Diameter of Vanes (vertical) **0.750** 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. **P.M.** set in ~~concrete~~ ~~found~~ bearing **272.00°** M from ~~Mast/Plug~~ / Pillar
 5. A. **Pipe** set in ~~concrete~~ ~~found~~ bearing **271.00°** M from ~~Mast/Plug~~ / Pillar
 6. A. **Copper Nail** set in ~~concrete~~ ~~found~~ bearing **250.00°** M from ~~Mast/Plug~~ / Pillar
 7. A. **S.S.M. 23341** set in ~~concrete~~ ~~found~~ bearing **186.00°** M from ~~Mast/Plug~~ / Pillar
 8. Action required.....

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
CONCRETE BRVCS	0 00 00			CONCRETE BRVCS	0 00 00		
COPPER NAIL	30 58 20	4.039	1.430	CONCRETE GS (P)	31 42 50		
CHINGLOAN (CON)	32 43 00			PIPE IN CONCRETE	59 00 25	0.898	0.007
P.M.	51 20 45	2.806	1.223	S/S PILLAR PLATE	231 19 05	2.806	1.225
PIPE IN CONCR.	53 10 30	2.697	1.212	S.S.M. 23341	280 40 20	3.881	0.607
S.S.M. 23341	326 42 20	2.958	1.832	COPPER NAIL	356 14 35	1.712	0.205

STANDPOINT: **S/S PILLAR PLATE** STANDPOINT: **P.M.**
 Prepared by: **L.H.** Checked: **L.H.** Noted on U.T.M. Card

GEODEIC SURVEY OF M.S.W.

CENTRAL MAPPING AUTHORITY

GEODEIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: BRUNSWICK No.: 5933

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/hot unpiled/constructed on..... dimensions now being:

Description of mark..... should be explicit, e.g. ~~Steel~~ ^{Steel} Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark..... m. ^{above} ~~below~~ rock/concrete; ^{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..... (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. ~~Approximate~~ **NOTE:** GBM 01811 to Pillar Plate labelled **Second Order + 2.9724**

STANDPOINT: **Conc. Pillar** STATION: **GBM 01811 in Cover Box**

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
CAPE BYRON GS 359 59 60			above standpt.	CAPE BYRON GS 359 59 60			above standpt.
CHINCOGAN GS 119 41 10			above standpt.	CHINCOGAN GS 119 43 44			above standpt.
GBM 01811 130 35 54 130.873 2.978			above standpt.	BRUNSWICK GS 310 57 19 130.876 2.976			above standpt.
	Distance to HP 3808		above standpt.				above standpt.
			below standpt.				below standpt.
			above standpt.				above standpt.
			below				below

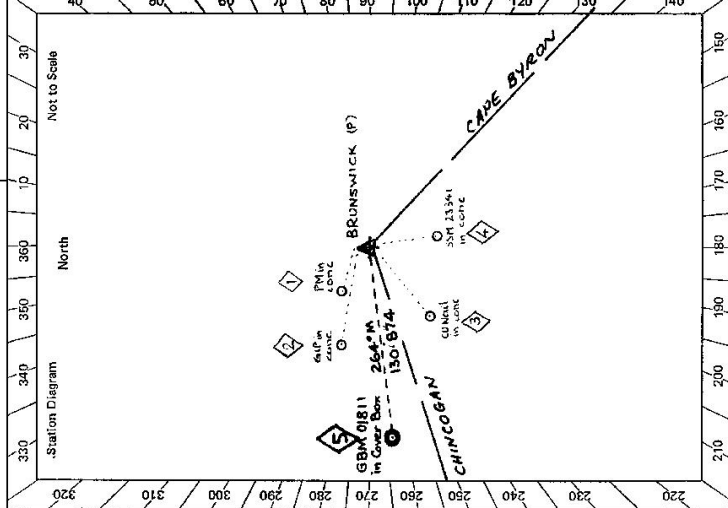
Prepared by: *A. S. ...* Checked: *...* Noted on U.T.M. Card

St 2733-1

MAP SHEET SCALE 1:250,000 Tweed Heads

INSPECTED BY: K. Haddon DATE: 17-4-82

AUTHORITY: C.M.A. FIELD BOOK: C.32



Checked

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..... dimensions now being: Description of mark..... should be explicit, e.g., S/Street 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/round, bearing..... °M from Mast/Plug/Pillar
5. A..... set in conc/rock has been placed/round, bearing..... °M from Mast/Plug/Pillar
6. A..... set in conc/rock has been placed/round, bearing..... °M from Mast/Plug/Pillar
7. A..... set in conc/rock has been placed/round, bearing..... °M from Mast/Plug/Pillar
8. Action required:.....

NEW

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: P. Potts 19.11.84 Checked: AS 27/11 Noted on U.T.M. Card

SI 2783-1

STATION: BRUNS WICK C.S. No.: 5933

MAP SHEET SCALE 1:250 000 TYPED HEADS

INSPECTED BY: P. Potts DATE: 13.11.84

AUTHORITY: C.M.A. FIELD BOOK: 1944

Station Diagram

North

Not to Scale

Checked: P. Potts 5/12/84

STATION <u>BRUNSWICK G.S. 5933</u>	Owner's Name: <u>BYRON SHIRE COUNCIL</u> Address: <u>Box 1000</u> Phone: Current Occupant: Address: Phone: Access Report of <u>12/11/1985</u> was found suitable/unsuitable. <u>ACCESS</u>
Beacon Diagram Not to Scale	
This section to be completed by officer constructing pillar.	
Original station mark found/not found.	
Description of marks	
Original beacon found/not found.	
Description of beacon:	
Height Top of Vane to Top Markm.	
Height of marksm. above rock/concm. below G.L.	
Diameter of Vanem. Height of Cairnm.	
Original Beacon has/has not been destroyed by me.	
Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing.....
Note: Cross out word or words which do not apply
2. Mast & Vanes have been painted white & black respectively.
..... from Trig. Mast
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 ..1.50.....m. Diameter of Vanes (vertical)...0.75...m.
 Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/placed.
 Length of Mastm. (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
			above standpt				above standpt
			below standpt				below standpt

Prepared by: B.M.FOU 1/4/85 Checked: J. Bullen

Noted on U.T.M. Card

S1 2733-1

STATION: BRUNSWICK (P) No.: 5933
 MAP SHEET SCALE 1:250 000 TWEED HEADS
 INSPECTED BY: B.M. TOHELL (DMR) DATE: 1/3/85
 AUTHORITY: DEPT. OF MAIN ROADS & LD BOOK:
 Station Diagram
 North
 Not to Scale
 40 50 60 70 80 90 100 110 120 130 140
 320 310 300 290 280 270 260 250 240 230 220
 30 20 10 0 10 20 30 40
 +
 270 280 290 300 310 320
 150 160 170 180 190 200 210 220
 Checked 1/4/85

