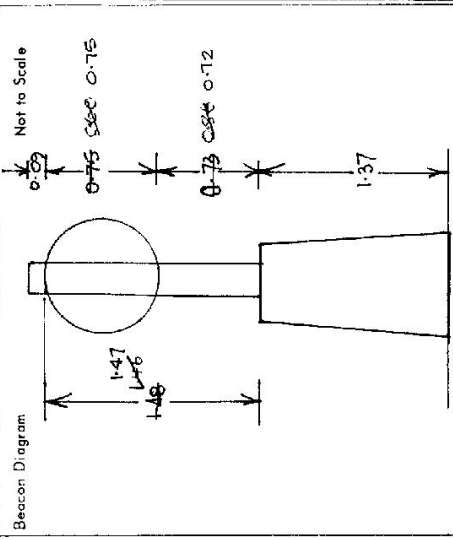


Department of Lands  
 STATION **GREAT SUGARLOAF (PT-S. (4213))**  
 Co: Northumberland | Ph: Teralba  
 Map Sheet: **NEWCASTLE**  
 Inspected by: **L. M Hayes**  
 Authority: Dept of Lands  
 No: **9232**  
 Date: **August 1976**  
 Field Book: **FDP 742**



Date	Record of Station
27.2.20	RE-INSPECTED BY DIMAR FB 6603-253 PG 0093
25.6.84	NEW MAST/VAPE DIMENSIONS ABOVE STATIONS WAS 6650 CONDITION

Integral 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 lanes bearing ..... from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~unpiled~~ dimensions now being:

Description of mark: **Concrete Pillar** should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar  
 Height of mark: **1.37** m above ~~base~~ **1.57** m above **G.L.**  
 Height of Top Vanes to ~~base~~ **Top pillar plate** **1.48** m Diameter of Vanes (vertical) **0.68** m.  
 Height of Cairn: ..... m. Diameter of Cairn ..... m.

- Length of Mast: ..... m. (approximate if not unpiled)
5. A. **SSM** set in ~~stone~~ rock has been placed/fd **3.217** m. bearing **305**°M from Trig. ~~stone~~ pillar
  6. A **Trig. Plug** set in conc/~~stone~~ has been placed/fd **6.752** m. bearing **315**°M from Trig. ~~stone~~ 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 **Trig. Plug** to **SSM** : **3.625** m. bearing **140**°M

10. Connection: ..... to ..... m. bearing .....°M
11. Connection: ..... to ..... m. bearing .....°M
12. Connection: ..... to ..... m. bearing .....°M
13. Diff. Ht. **SSM** is **1.71** m. ~~above~~ **below** **pillar plate** ✓
14. Diff. Ht. **Trig. Plug** is **1.92** m. ~~above~~ **below** **pillar plate** ✓
15. Diff. Ht. .... is ..... m. ~~above~~ **below** .....
16. Diff. Ht. .... is ..... m. ~~above~~ **below** .....

Prepared by: **L. M Hayes** Checked: **[Signature]**

GREAT STATION Sugar TS 4213

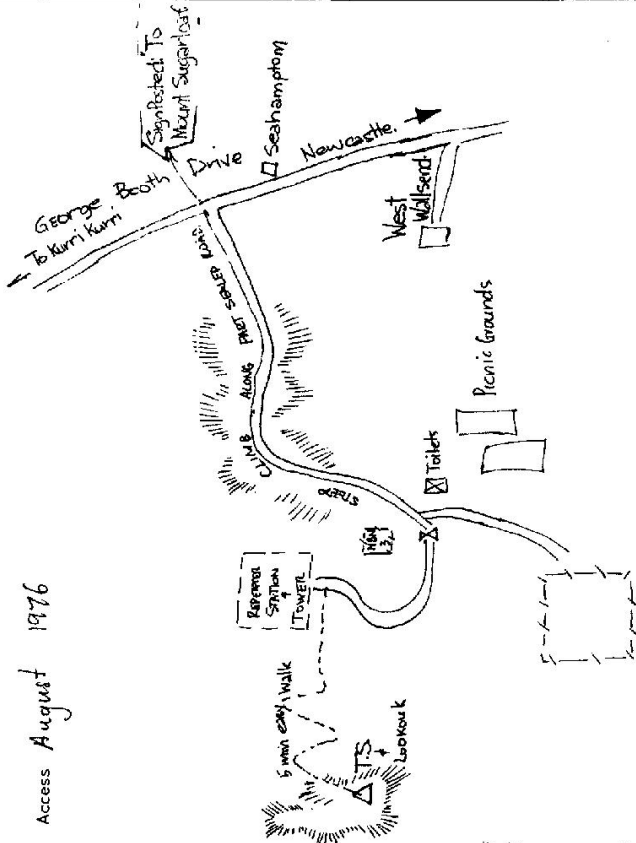
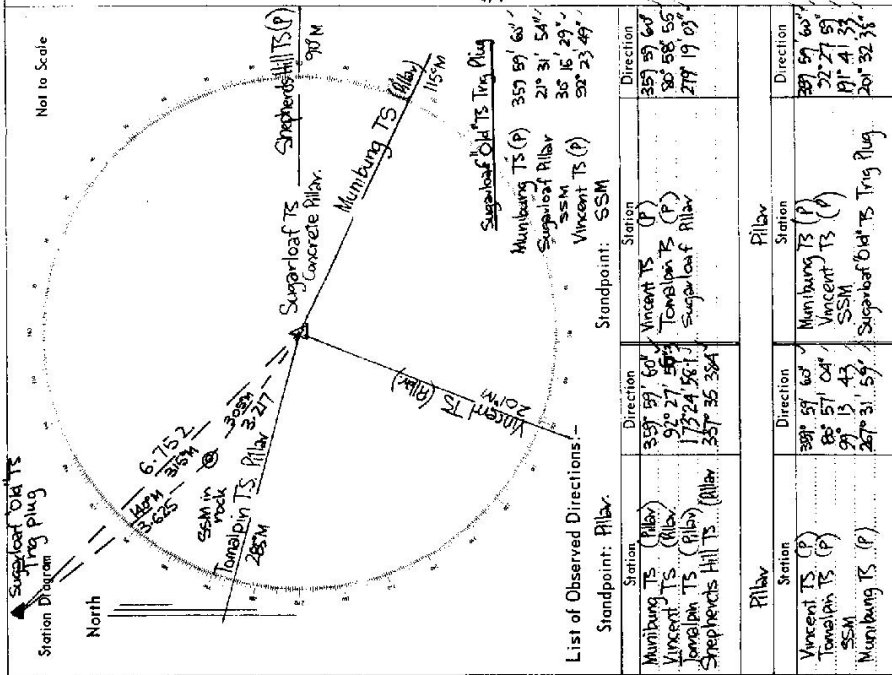
Current Occupant:

Address:

Owners Name:

Address:

Access August 1976



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

Card 1 of 3 Cards.

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

- Cleared by lanes bearing  $360^\circ$  except for small bushes adjacent to pillar: from Trig. Mast
- Mast & Vanes have been painted white & black respectively.
- The ~~steel~~ pillar was unpiled/~~set~~ ~~replaced~~/~~constructed~~ on  $25.11.1982$ , dimensions now being:   
 *Steel Pillar*  
 Description of mark ~~should~~ be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
 Height of mark  $1.36$  m. above rock/concrete; Mark is  $1.56$  m. above G.L.  
 Height of Top Vanes to Top Mark/Pillar plate  $1.245$  m. Diameter of Vanes (vertical)  $0.750$  m.  
 Height of Cairn  $0.245$  m. Diameter of Cairn  $0.245$  m. Name Plate found ~~not found~~ placed.
- A.  $S.S.M.$  set in ~~conc~~/rock has been ~~placed~~/found, bearing  $311^\circ 00'$  M from ~~steel~~ ~~plug~~ Pillar
- A. *Old Trig. Plug* set in ~~conc~~/rock has been ~~placed~~/found, bearing  $318^\circ 00'$  M from ~~Mast~~ ~~Plug~~ Pillar
- A. *Drill hole w. wing* set in ~~conc~~/rock has been ~~placed~~/found, bearing  $337^\circ 00'$  M from ~~Mast~~ ~~Plug~~ Pillar
- A. *G.I. Pipe* set in ~~conc~~/rock has been ~~placed~~/found, bearing  $20^\circ 00'$  M from ~~Mast~~ ~~Plug~~ Pillar
- Action required: ~~None~~

STANDPOINT:

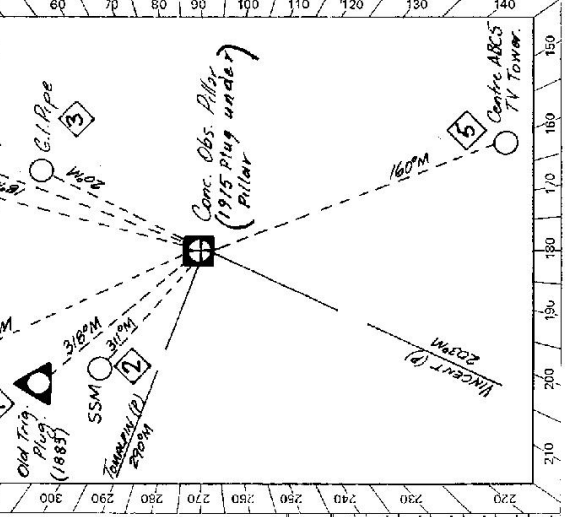
Mark	Direction	Horiz. Distance	Height Difference
<i>Tomakin (P)</i>	$0^\circ 00' 00''$		above standpt
<i>S.S.M. in rock fl</i>	$18^\circ 11' 18''$	$3.217$	above standpt
<i>Old Trig. Plug fl</i>	$28^\circ 08' 21''$	$6.753$	above standpt
<i>Drill hole w wing fl</i>	$49^\circ 59' 26''$	$8.282$	above standpt
<i>Centre NBN 3</i>	$91^\circ 35' 00''$	$133.043$	above standpt
<i>TV Tower (Top)</i>		by calc.	above standpt

STANDPOINT:

Mark	Direction	Horiz. Distance	Height Difference
<i>Electricity Commission Radio Receiver Tower (Top)</i>	$97^\circ 27' 00''$	$59.303$	above standpt
<i>G.I. Pipe in conc fl</i>	$99^\circ 11' 28''$	$7.494$	above standpt
<i>Centre ABC 5</i>	$231^\circ 58' 26''$	$74.735$	above standpt
<i>TV Tower (Top)</i>	$279^\circ 02' 56''$	by calc.	above standpt
<i>VINCENT (P)</i>			above standpt
			below

Prepared by: *John Maylor* 21.12.82. Checked: *J. Manning* 18.01.83. Note on U.T.M. Card

STATION: *GREAT SUNG-AR-LIOAF (P)* No: *4213*  
 MAP SHEET SCALE 1:250 000  
 INSPECTED BY: *P. Maylor* DATE: *25.11.82.*  
 AUTHORITY: *C.M.A.* FIELD BOOK: *1931.*



Not to Scale  
 Station Diagram  
 North  
 Checked

GS 24

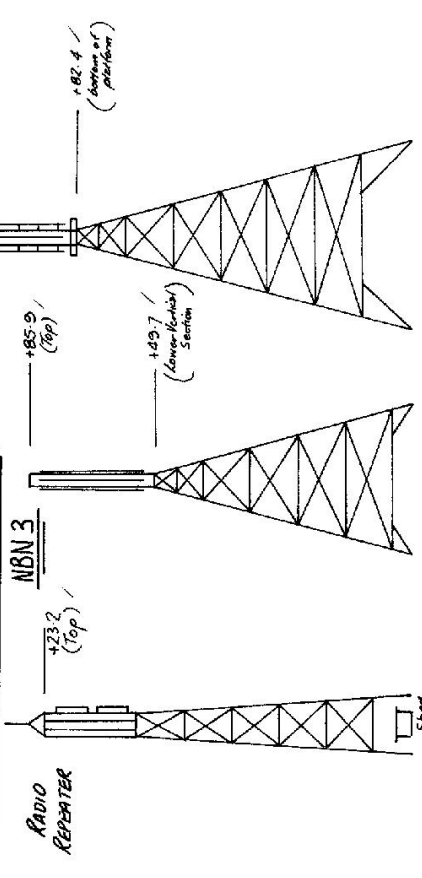
STATION **GREAT SUGARLOAF (P) IS 4213**

Owner's Name: .....  
 Address: .....  
 Phone: .....  
 Current Occupant: .....  
 Address: .....  
 Phone: .....  
**ABC 5**

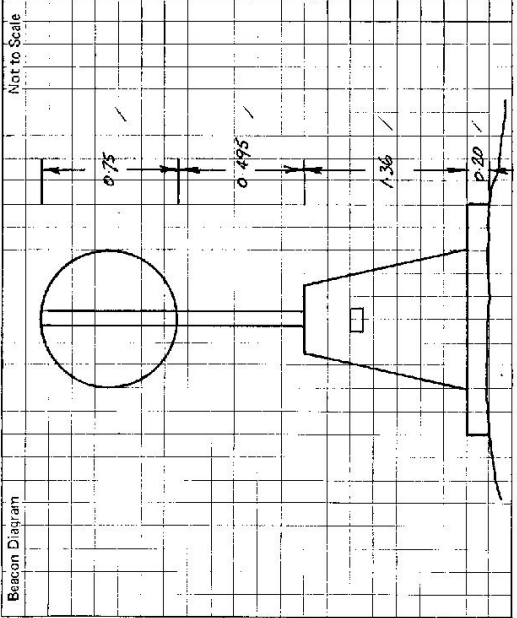
**ACCESS**

Access Report of 25/11/1982 was found suitable/unsuitable.

**PROFILES OF TOWERS**



\* Heights shown are in metres above Pillar Plate.

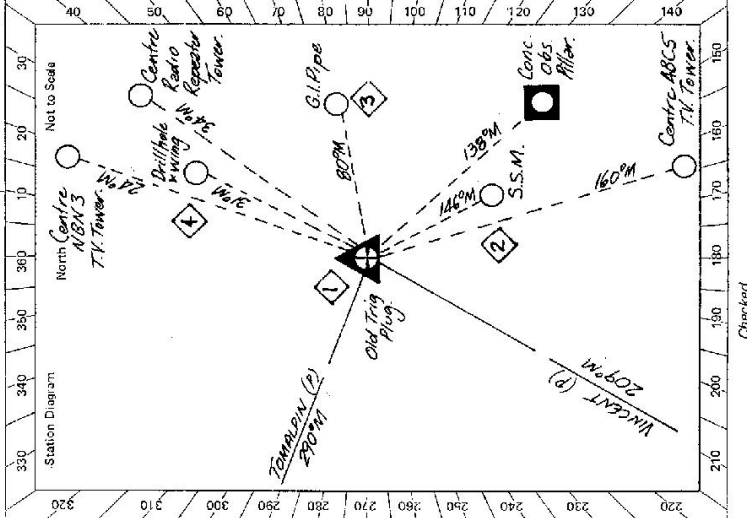


This station to be completed by officer constructing pillar.

Original station mark found/~~not found~~.  
 Description of mark: **Conc. Obs. Pillar**  
 Original beacon found/~~not found~~.  
 Description of Beacon: **PVC Mast & Vanes**  
 Height Top of Vanes to Top Mark: **1.480** m. /  
 Height of mark: ..... m. above G.L.,  
 below rock/conc ..... m. below G.L.  
 Diameter of Vanes: **0.60** m. / Height of Cairn ..... m.  
 Original Beacon has/~~has not~~ been destroyed by me.

Date	Record of Station

Card 2 of 3 Cards  
 STATION: **GREAT SUGARLOAF (P)** No.: **4213**  
 MAP SHEET  
 SCALE 1:250 000  
 INSPECTED BY: **P. Naylor** DATE: **25.11.82**  
 AUTHORITY: **C.M.A.** FIELD BOOK: **1931.**



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

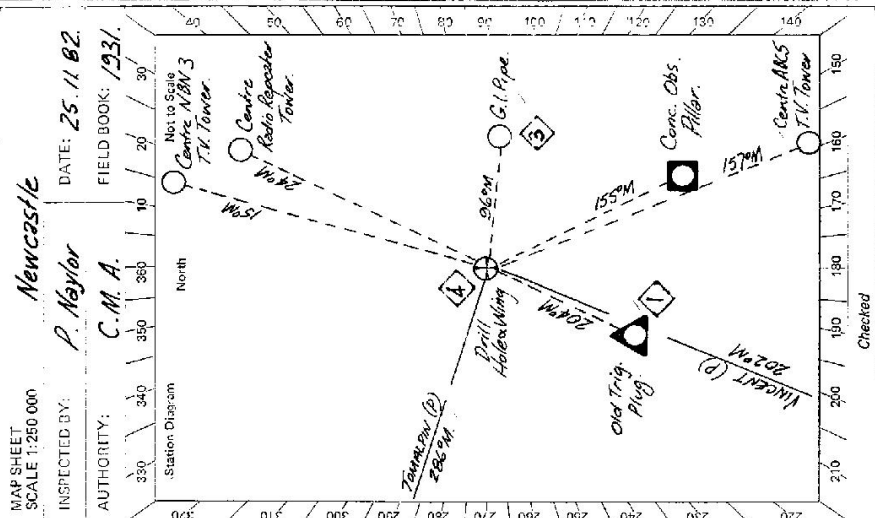
Description:  
 Note: Cross out word or words which do not apply  
 Cleared by lanes bearing..... from Trig. Mast  
 1. Mast & Vanes have been painted white & black respectively.  
 2. The station/pillar was unpiled/not unpiled/constructed on.....  
 3. Description of mark..... should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
 Height of mark..... m. above rock/concrete; Mark is..... m. above 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:	Old Trig. Plug			Old Trig. Plug				
	Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Tomarlin (P)	0° 00' 00"			above standpt.	Conc. Obs Pillar	209° 01' 52"	6.752	1.919
Centre NBN3	94° 15' 29"			above standpt.	S.S.M. in rock fl.	216° 53' 26"	3.626	10.212
TV Tower				below	Centre ABCS	230° 01' 29"		
Drillhole & wiring for Radio Repeater Tower	101° 18' 12"		3.226	0.233	TV Tower			
Electricity Commission Tower				below	Vincent (P)	278° 59' 42"		
G.I. Pipe in conc. fl.	149° 33' 58"		8.310	10.303				

Prepared by: *Paul Naylor* 2.12.82 Checked: *J. Manning* 10 Dec 82  
 Note on U.T.M. Card  
 Checked



Card 3 of 3 Cards.  
STATION: GREAT SUGARLOAF (P) No.: 4213  
MAP SHEET SCALE 1:250 000  
INSPECTED BY: P. Maylor  
AUTHORITY: C. M. A.  
DATE: 25.11.82.  
FIELD BOOK: 1931.



CENTRAL MAPPING AUTHORITY  
GEODETTIC SURVEY OF N.S.W.  
GEODETTIC 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.  
3. The station/pillar was unpiled/not unpiled/constructed on..... from Trig. Mast

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 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. *Drill hole in wing* set in conc/rock has been placed/removed, bearing  $24^\circ$  M from Mast/Plug/Pillar *Drill hole in wing found.*
5. A..... set in conc/rock has been placed/removed, bearing..... M from Mast/Plug/Pillar
6. A..... set in conc/rock has been placed/removed, bearing..... M from Mast/Plug/Pillar
7. A..... set in conc/rock has been placed/removed, bearing..... M from Mast/Plug/Pillar

NOTE:  
Action required: *Drill hole in wing placed in roof of shed under Radio Reparat. Tower.*

STANDPOINT:		STANDPOINT:		STANDPOINT:			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Tower (P)	$0^\circ 00' 00''$		above standpt.	Centre Obs. R/A	$230^\circ 02' 04''$	8.280	1.692 above standpt.
Centre NBN 3	$94^\circ 06' 03''$		above standpt.	Centre ABC 5	$231^\circ 46' 30''$		above standpt.
T.V. Tower			above standpt.	T.V. Tower			above standpt.
Electricity Commission Radio Reparat. Tower	$103^\circ 57' 52''$		above standpt.	Old Trig. Plug	$201^\circ 22' 03''$	3.224	0.229 above standpt.
Drill hole in wing old.	$103^\circ 48' 30''$	53.919	24.44 above standpt.	VINCENT (P)	$279^\circ 00' 58''$		above standpt.
G.I. Pipe in conc. A.	$178^\circ 54' 16''$	6.616	10.533 above standpt.				above standpt.

Prepared by: P. Maylor 2.12.82. Checked: J. Manning 9.10.82. Noted on U.T.M. Card

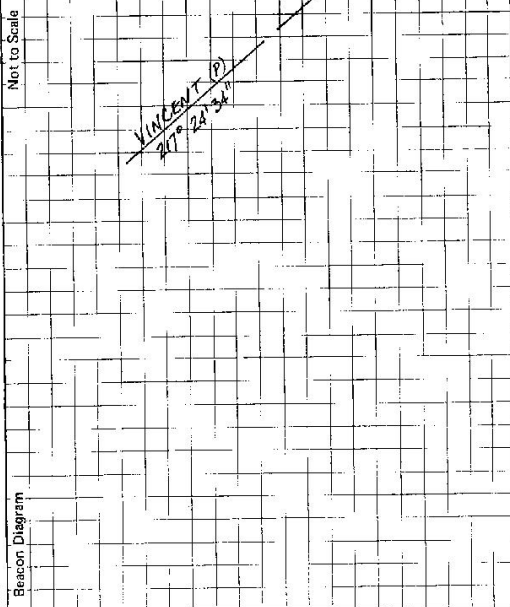
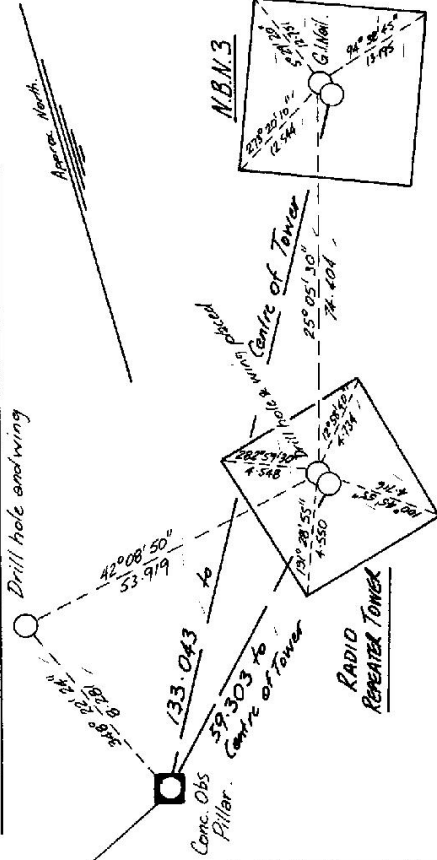
GS 24

STATION **GREAT SUGARLOAF (P)** TS 4213

Owner's Name: .....  
 Address: .....  
 Phone: .....  
 Current Occupant: .....  
 Address: .....  
 Phone: .....

ACCESS  
 Access Report of 25.11.1982 was found suitable/unsuitable.

**CONNECTION TO RADIO REPEATER TOWER & M.B.N. 3.**



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.

Original Beacon has/has not been destroyed by me.

Date

Record of Station



CENTRAL MAPPING AUTHORITY

GEODETTIC SURVEY OF N.S.W.

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing  $360^{\circ}$   $\pm$   $2.13^{\circ}$  M. Note: Cross out word or words which do not apply
2. Lower Black Vision  $13^{\circ} 16' 18''$   $\pm$   $23^{\circ} 14' 18''$  from Trig. Mast  
Mast & Vanes have been painted white & black respectively,  $163^{\circ} 14' 24''$   $\pm$   $333^{\circ} 14' 24''$
3. The ~~station~~ pillar was ~~replaced~~ on  $22^{\circ} 5'$   $\pm$   $19.8^{\circ}$  dimensions now being:  
Description of mark: ~~Steel Plate~~ should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
Height of mark:  $1.60$  m. above below rock/concrete; Mark is  $1.55$  m. above below G.L.
- Height of Top Vanes to Top Mark/Pillar plate  $1.47$  m. Diameter of Vanes (vertical)  $7.5$  m.
- Height of Cairn  $1.55$  m. Diameter of Cairn  $1.47$  m. Name Plate found/ ~~not found~~ placed, Central Mapping Authority
- Length of Mast  $1.55$  m. (approximate if not specified) Geodetic Station  $\pm$  SUGARLOAF
4. A.  $1.55$  set in conc/rock has been placed/found, bearing  $198^{\circ}$  M from Mast/Plug/Pillar
5. A.  $1.55$  set in conc/rock has been placed/found, bearing  $198^{\circ}$  M from Mast/Plug/Pillar
6. A.  $1.55$  set in conc/rock has been placed/found, bearing  $198^{\circ}$  M from Mast/Plug/Pillar
7. A.  $1.55$  set in conc/rock has been placed/found, bearing  $198^{\circ}$  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				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: D. K. G. V. A.

Checked: *[Signature]*

Noted on U.T.M. Card *[Signature]*

STATION: SUGARLOAF CON. PILLAR No.: 4213

MAP SHEETS: SCALE 1:250 000

INSPECTED BY: D. J. KAIN DATE: 28.5.1983

AUTHORITY: C.M.A. FIELD BOOK: C.433

Station Diagram

North

Not to Scale

STATION WAS VISITED FOR PURPOSE OF MAINTENANCE AND INSPECTION ONLY.

+

Checked *[Signature]*

GS 24

STATION SUGARLOAF CONCRETE PILLAR TS 4213

Owner's Name: .....  
 Address: .....  
 Phone: .....

Current Occupant: .....  
 Address: .....  
 Phone: .....

ACCESS

Access Report of 28/5/1986 was found suitable/unsuitable.

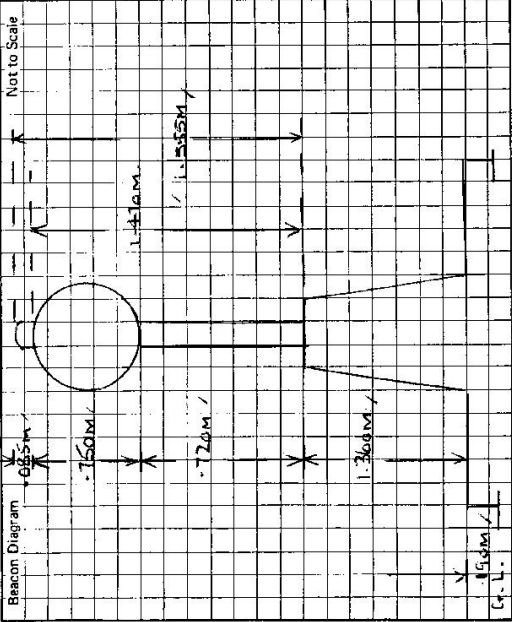
FIGURE

- / 0.00 AT MINIMI POOL OFFICE TRAVEL SOUTH ALONG "CAMERON PARK DRIVE."
  - / 3.92 THEN RIGHT AT "T JUNCTION" ONTO "GEORGE BOOTH DRIVE" TOWARD KURRI KURRI.
  - / 4.01 PASS "WEST WALLS" END TURN OFF ON L.H.S.
  - / 5.07 PASS THROUGH VILLAGE OF SEHAMPTON
  - / 6.48 TURN LEFT AT SIGNPOST "MOUNT SUGARLOAF."
  - / 9.70 PASS MT. VINCENT TURN-OFF ON L.H.S.
  - / 10.10 LOCKED DOUBLE IRON GATES NEXT TO N.B.N. TRANSMITTER-C.M.A. PADLOCK FITTED.
  - / 10.20 LEAVE VEHICLE, 5 MINUTE EASY WALK TO STATION ALONG AND UP FORMED WALKING TRAIL.
- ALL WEATHER ACCESS TO CONVENTIONAL TYPE VEHICLE.

Record of Station

Date

SI 2733-2 D. West Government Printer



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.

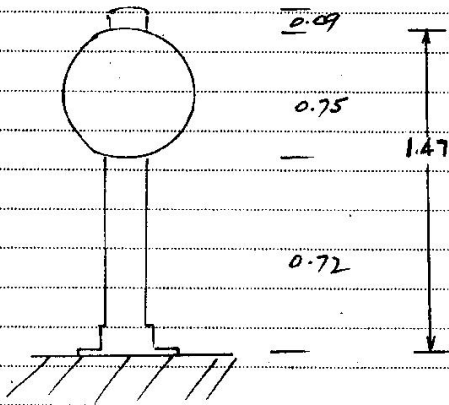
MEMORANDUM

Survey Control Bench

NEWCASTLE

~~re TS SUGARLOAF (P)~~  
GREAT SUGARLOAF 4213

New mast and Vanes erected  
25/6/84  
Details below.



*[Signature]*  
25/6/84

~~to [unclear] Sab.~~  
P. Naylor - CMA  
Rec'd 14/2/84 A.