

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 ~~limes 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 should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark m. ^{above} rock/concrete m. ^{below} G.L.
 Height of Top Vanes to Top Mark m. Diameter of Vanes (vertical) m.
 Height of Cairn m. Diameter of Cairn m.

Length of Mast m. (approximate if not unpiled)

5. A. S.S.M. set in conc/rock has been placed ~~6.575~~ ^{found} m. bearing ~~345~~ ^{to Conc. Pillar 64} ~~0°M~~ ^{from Trig. Mast}
6. A. Conc. Case set in conc/steel has been placed ~~9.250~~ ^{found} m. bearing ~~158°~~ ^{to Conc. Pillar 64} ~~0°M~~ ^{from Trig. Mast}
7. A. set in conc/soil has been placed m. bearing°M from Trig. Mast
8. A. set in conc/rock has been placed m. bearing°M from Trig. Mast
9. Connection S.S.M. to Conc. Case: ~~3.420~~ m. bearing ~~155~~°M
10. Connection to m. bearing°M
11. Connection to m. bearing°M
12. Connection to m. bearing°M
13. Diff. Ht. Conc. Case to Conc. 64 is ~~1.500~~ m. ^{above} ~~Top of 64~~ ^{Top of 64} ~~Pillar 64~~
14. Diff. Ht. S.S.M. to Conc. 64 is ~~1.110~~ m. ^{above} ~~do~~ ^{do}
15. Diff. Ht. is m. ^{above}
16. Diff. Ht. is m. ^{below}

Prepared by: G. Milby

Checked: ~~30.7.74~~ ^{30.7.74} ~~Noted on U.T.M. Card~~

Checked

STATION GLENDUGUE TS (Pillar) TS-2228

Co. CLARENCE Ph: LANITZA

Map Sheet: BOBE P 50574 No: 9638

Inspected by: K. ZAVVA, G. MILBY Date: 7th AUG 74

Authority: Field Book: 1334

Beacon Diagram: Not to Scale

Date: Record of Station:

STATION GLENUGIE TS. (PILLAR) 2228

Current Occupant.....

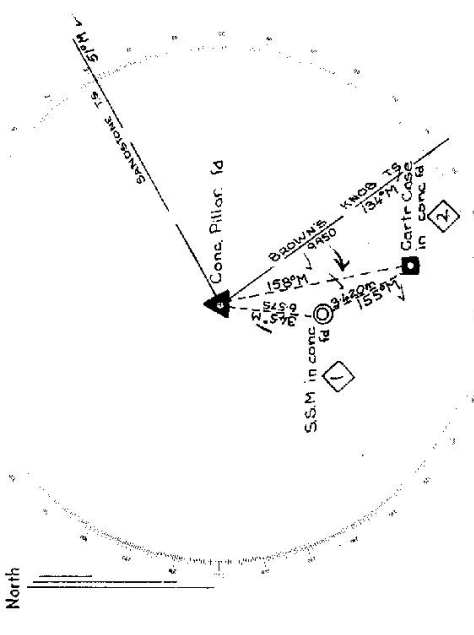
Address.....

Owners Name.....

Address.....

Access.....

Station Diagram



List of Observed Directions:-

Station	Direction	Standpoint: Conc. Pillar Id	Station	Direction
SANDSTONE TS.	359.59.60	SANDSTONE TS.	SANDSTONE TS.	359.59.60
BROWNS. KNOB TS.	82.45.47	BROWNS. KNOB TS.	BROWNS. KNOB TS.	82.47.07
Cartr. Case in conc. Id	105.22.00	SSM in conc. Id	SSM in conc. Id	278.09
SSM in conc. Id	109.08.08	Conc. Pillar. P.	Conc. Pillar. P.	285.23.00

Station	Direction	Station	Direction

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **GLENUGIE 450P** No: **2228**

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

INSPECTED BY: **J. FANNING** DATE: **21 July 19**

AUTHORITY: **C.M.A.** FIELD BOOK: **1765**

Description:
 1. Cleared by lances bearing $0^\circ \rightarrow 52^\circ$ $176^\circ \rightarrow 330^\circ$
 Note: Cross out word or words which do not apply

2. Mast & Vanes have been painted white & black respectively.
 3. The station/pillar ~~was supplied~~ ~~not supplied~~ constructed on 19 dimensions now being:

Description of marks: ~~S/S~~ ~~Pillar~~ ~~Plates~~ could be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark 1.30 m. ~~above~~ ~~below~~ concrete; Mark is 1.30 m. ~~above~~ ~~below~~ G.L.

Height of Top Vanes to ~~Top~~ ~~Mark~~ ~~Pillar~~ plate 1.950 m. Diameter of Vanes (vertical) 0.805 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 unplied)

4. A ~~S.S.M.~~ set in conc ~~hook~~ has been ~~placed~~ ~~found~~, bearing 160° M from ~~Mast/Plug/Pillar~~ 6.575 m

5. A ~~Cartridge Case~~ set in conc ~~hook~~ has been ~~placed~~ ~~found~~, bearing 0 M from Mast/Plug/Pillar

6. A ~~Fire tower~~ set in ~~benetook~~ has been ~~placed~~ ~~found~~, bearing 160° M from Mast/Plug/Pillar 9.7 m

7. A 0 set in conc/rock has been placed/ found, bearing 0 M from Mast/Plug/Pillar

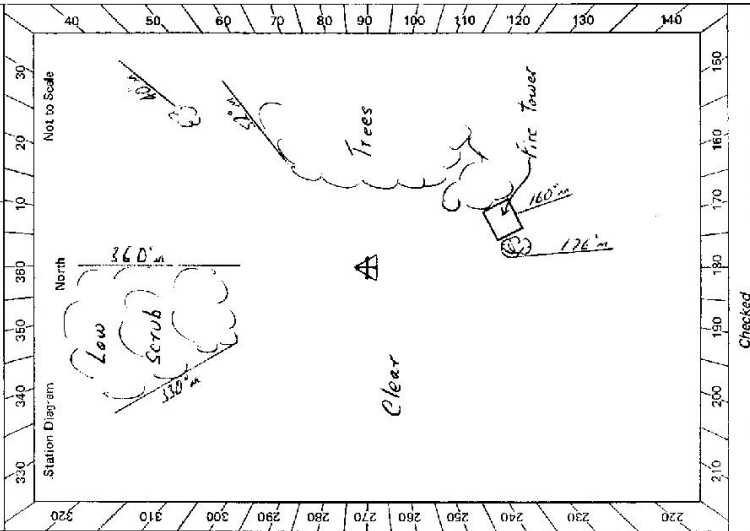
8. Action required: ~~Mast~~ ~~is~~ ~~broken~~ ~~at~~ ~~the~~ ~~top~~ ~~of~~ ~~lance~~ ~~stand~~ ~~repairing~~ ~~...~~

I day clearing for necessary ~~to~~ ~~Small's~~ ~~Forest~~

STANDPOINT:	Mark Sighted	Bearing Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Trigs	Brush	22 28 06	23.8	above standpt.				above standpt.
	Pine Valley	34 15 54	14.2	above standpt.				above standpt.
	Clarence Peak	36 55 49	39.5	above standpt.				above standpt.
	Sandstone	41 47 18	9.0	above standpt.				above standpt.
	Braams Knob	104 33	10.7	above standpt.				above standpt.
	Krom mds	208 59	13.1	above standpt.				above standpt.
	Wards Point	247 27	25.1	above standpt.				above standpt.

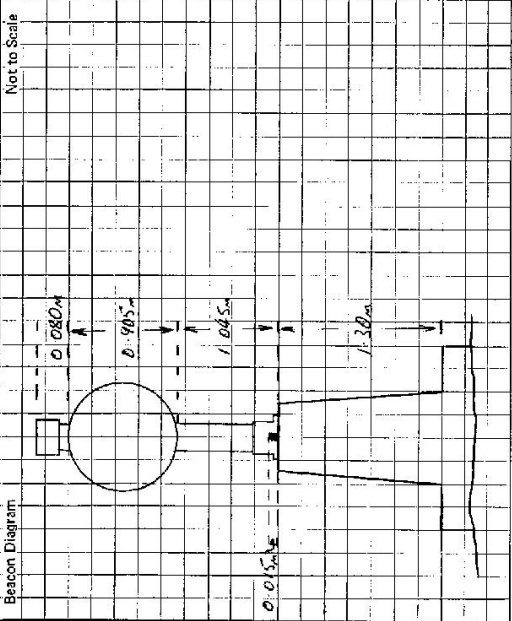
Prepared by: **J. Fanning** Checked: **W. J. J. 24/9/19** Noted on U.I.M. Card

S. 2753-1



Br 2733-2 D. West, Government Printer

STATION **GLENUGIE TS 2228**



This section to be completed by officer constructing pillar.

Original station mark found/not found.

Description of mark:

Original beacon found/net 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. Height of Cairn:m.

Owner's Name: *Forestry Commission*
 Address: *Walgoolga*
Glenugie State Forest
 Phone:

Current Occupant:

Address:

Phone: *21/7/1979*

ACCESS *21/7/1979*

4WJ

Access Report of *21/7/1979* was found ~~unsuitable~~ suitable.

Kms

0.0 Clocktower Erafton travel south along Pacific Highway
18.92 Pass Road LMS to Airport
17.93 Turn left off highway through double wooden gates. Follow track to right
Sign through gate "Lookout Road"
19.18 Pass road LMS "Dobbin's Road"
21.42 Go Straight through tracks intersection
22.01 Turn right at blazed tree head up west side of hill. Very rocky
23.14 G.S.

Date

31/7/79

Record of Station

Commission granted by Mr Max Newson Glenugie Forestry Substation (P.O. 547)

GEODETIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

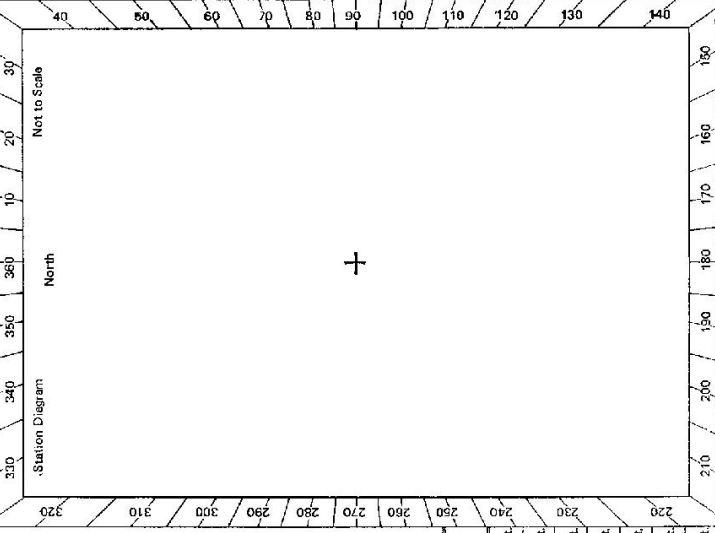
STATION: **GLENUGIE** No.: **2228**

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

INSPECTED BY: **H.C. BORBNER** DATE: **2.8.79**

AUTHORITY: **C.M.A.** FIELD BOOK: **D1655**

Description:
 1. Cleared by lanes bearing **185° to 60°** [✓] **125° to 138°** 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} rock/concrete; Mark ism. ^{above} 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				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: **H.C. BORBNER** Checked: **H.C. BORBNER 25-9-79** Noted on U.T.M. Card

Checked

B: 2733-2 D. West, Government Printer Beacon Diagram	Not to Scale <p style="text-align: center;">MAST ANTENNA 2-8-79</p>	STATION GLENUGIE TS 2228 Owner's Name: FORESTRY COMMISSION Address: WOODS COLLEGE GLENUGIE STATE FOREST Phone: Current Occupant: Address: Phone: Access Report of 1/7/1979 was found suitable/ unsuitable . ACCESS
This section to be completed by officer constructing pillar. Original station mark found/not found.		Record of Station Date
Description of mark: 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.		

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

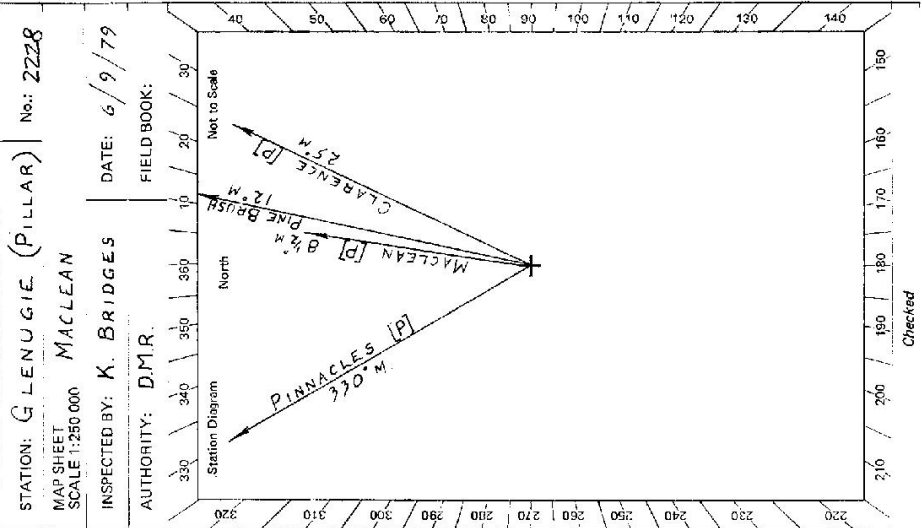
- 1. Cleared by vanes bearing 180° --- 60° --- $125^\circ - 137^\circ$ from Trig. Mast
Note: Cross out word or words which do not apply
- 2. Mast & Vanes have been painted white & black respectively.
- 3. The station/pillar was unpiled/not unpiled/constructed on 19.72m, dimensions now being:
 Description of mark, S/S , P , M , R , P , should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark, 1.29 m, above ~~rock~~/concrete; Mark is, $1/4$ m, above G.L.
 Height of Top Vanes to Top ~~Mark~~/Pillar plate 1.50 m. Diameter of Vanes (vertical) 0.20 m.
 Height of Cairn m. Diameter of Cairn m. Name Plate found/not found/placed.
 Length of Mast 1.60 m. (approximate if not unpiled)
- 4. A $S.S.M$ set in ~~conc~~/rock has been ~~placed~~/found, bearing 156° M from ~~Mark~~/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				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: *R. Pierce* Checked: *FB* Noted on U.T.M. Card

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Checked

STATION: GLENUGIE (PILLAR) No.: 2228

MAP SHEET SCALE 1:250 000 MACLEAN

INSPECTED BY: K. BRIDGES DATE: 6/9/79

AUTHORITY: D.M.R. FIELD BOOK:

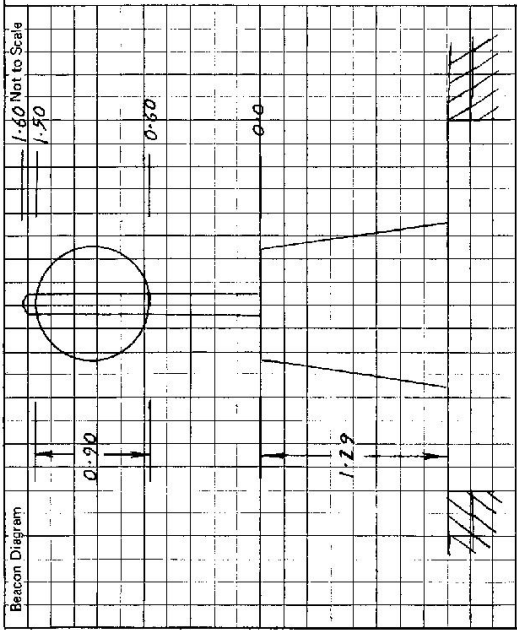
STATION **GLENUGIE** (PILLAR) **2228**

Owner's Name:
 Address:
 Phone:

Current Occupant:
 Address:
 Phone:

Access Report of 7.12.18 was found suitable/~~unsuitable~~.

ADDITIONAL INFORMATION:-
 17.5 Km GRAFTON P.O. TO LOOKOUT ROAD
 0.0 Km LOOKOUT ROAD AND PACIFIC HIGHWAY.
 1.2 * GATE ON LEFT.
 3.5 * CROSS ROADS STRAIGHT ACROSS
 4.0 * BLAZED TREE TURN RIGHT TO GO UP.
 5.0 * TRIG.



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

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF NSW
 GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing.....
 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 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 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: ~~Essential clearing only to SMALLS FOREST / PILLAR VALLEY / SANDSTONE~~
 BEACON: ~~Butlet hole in PVC Mast / Vanes not drilled (old type)~~

STANDPOINT: CONC PILLAR

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
SMALLS FOREST	0° 18'	P.M.V	above standpt				above standpt
PILLAR VALLEY	34° 14'	M.V	above standpt				above standpt
SANDSTONE	61° 47'	M.V	above standpt				above standpt
			below				below
			above standpt				above standpt
			below				below
			above standpt				above standpt
			below				below

Prepared by: *A. S. S.*

Checked: *[Signature]*

Noted on U.T.M. Card

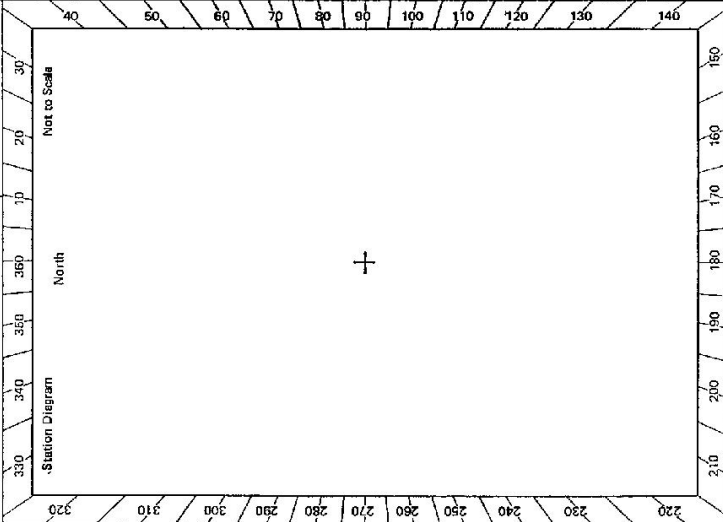
Sr 2733-1

STATION: GLENOGIE No.: 2228

MAP SHEET SCALE 1:250 000 MACCLEAN

INSPECTED BY: A. Swertsen DATE: 27-4-82

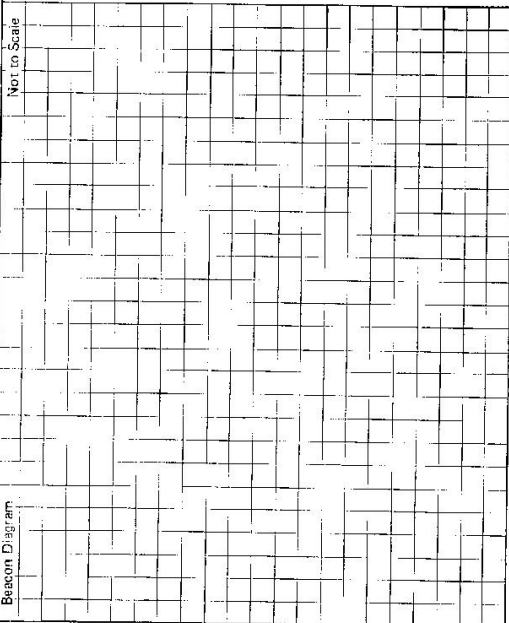
AUTHORITY: C.M.A. FIELD BOOK: C. 15



Checked

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STATION **GLENUGIE TS 2228**



Owner's Name: **FORESTRY CORP**
 Address: **GRAFTON (See Tony Howe)**
Point GLENUGIE FLORA RESERVE
 Phone:

Current Occupant:

Access Report of **1.8.1982** was found ~~unsuitable~~ **unsuitable**
4w/1

kms
 0 0 Clocktower Grafton travel south along Pacific Highway
 18 92 Pass Road LMS to Airport
 17 93 Turn left off highway through double wooden gates. Follow track to right
 Sign through gate "Lookout Road"
 19 18 Pass road LMS "Doobins Road"
 21 42 Go Straight through tracks intersection
 22 07 Turn right at blasted tree head up west side of hill. Very rocky
 23 14 G.S.

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
16-6-82	Clearing permission from FORESTRY NPWS Soil Con

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: GLENUGIE CONCRETE PILLAR TS No: 2228

Description: Cleared by Janes bearing 33.8 105.5 M. Note: Cross out word or words which do not apply

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

2. The ~~station~~/pillar was unpainted/~~not painted~~ constructed on 12-7-57 19 dimensions now being:

Description of mark: ~~3.38~~ 105.5 M. should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: 1.30 m. above ~~rock~~/concrete; Mark is 1.45 m. above ~~below~~ G.L.

Height of Top Vanes to Top ~~Mast~~/Pillar plate 1.45 m. Diameter of Vanes (vertical) 0.76 m.

Height of Cairn: 1.54 m. Diameter of Cairn: 0.1 m. Name Plate found/~~not found~~ placed.

Length of Mast: 1.54 m. (approximate if not unplied)

4. A. set in conc/rock has been placed/found, bearing: 0 M from Mast/Plug/Pillar

5. A. set in conc/rock has been placed/found, bearing: 0 M from Mast/Plug/Pillar

6. A. set in conc/rock has been placed/found, bearing: 0 M from Mast/Plug/Pillar

7. A. set in conc/rock has been placed/found, bearing: 0 M from Mast/Plug/Pillar

8. Action required:

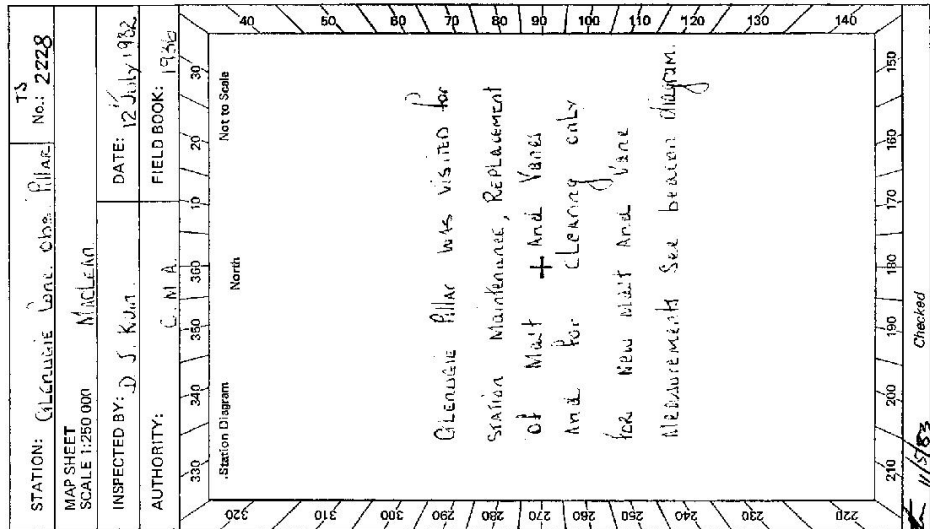
STANDPOINT:

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: AS 11/5/22

Checked: Nosed on U.T.M. Card

SI 2733-1



FIELD BOOK: 1736

DATE: 12 July 1982

INSPECTED BY: D. S. KURT

MAP SHEET SCALE 1:250 000

STATION: GLENUGIE CONCRETE PILLAR TS No: 2228

TS 2228-2-D, West, Government Printer

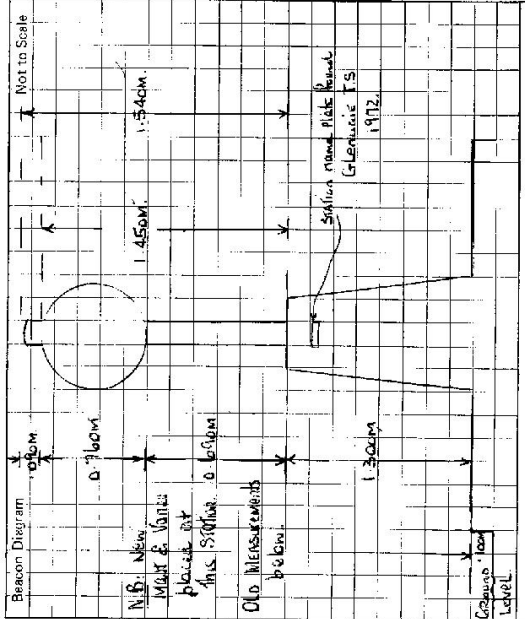
STATION **GLENGUIC CONCRETE OBS. PILLAR**

Owner's Name: **FORESTRY COMMISSION**
 Address: **GRAHAM**
P.O. GLENGUIC FLORENCE RESERVE.
 Phone:

Current Occupant:

ACCESS

Access Report of 27.7.4/1972 was found suitable/unsuitable.
Kilometres
 0.0 Clock tower **GRAHAM, TRAVEL SOUTH ALONG PACIFIC HIGHWAY.**
 14.92 **PASS ROAD L.H.S. TO AIRPORT.**
 17.93 **TURN LEFT OFF HIGHWAY THROUGH DOUBLE WOODEN GATES, FOLLOW TRACK TO RIGHT. SIGN THROUGH GATE, LOOKOUT ROAD.**
 19.14 **PULL ROAD L.H.S. DOBBINS ROAD.**
 21.42 **GO STRAIGHT THROUGH TRACKS INTERSECTION.**
 22.07 **TURN RIGHT AT BLAZED TREE, HEAD UP WEST SIDE OF HILL - VERY ROCKY TRACK.**
 23.14 **GLENGUIC CONCRETE OBS. PILLAR.**



This section to be completed by officer constructing pillar.

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

Description of mark:

Original beacon found/~~not found~~ and replaced.

Description of beacon: **P.V.C. Mast with ten galvanised vanes.**

Pillar pole 1.52 m. m.

Height Top of Vanes to Top Mark: **1.52 m.** above rock/beam, below G.L.

Height of mark: **1.52 m.** above rock/beam, below G.L.

Diameter of Vanes: **91.0 m.** Height of Cairn: **..... m.**

Original Beacon has/~~been~~ been destroyed by me.

Date	Record of Station

STATION **GLENUGIE GS (1) TS 2228**

Owners Name: **B FORESTRY COMMISSION** Current Occupant:

Address: **GRAFTON** Address:

within **Glenugie Flora Reserve**

- Access 0.0 Cross roads at South Grafton (Roundabout at the corner of Bent and Ryan Sts) Travel in an Easterly direction.
- 0.3 Turn right onto Pacific Highway - travel in a Southerly direction towards Coff's Harbour
- 12.6 Pass turnoff to Airport and Woolli on the left.
- 15.5 Turn left off highway through Queensland gate. Veer right and follow Lookout Trail
- 16.7 Continue straight ahead on Lookout Trail - Dobbys Trail on
- 17.0 Continue straight ahead passing track on LHS.
- 19.0 Straight ahead at track junction - main track continues to the left.
- 19.6 Flora Reserve sign - pass sign and head up slope to the right on feint track.
- 19.8 Pass blazed tree and large rockspit on LHS - follow rocky track to Firetower. Glenugie GS is on the northern side of Firetower at 20.6

Approximately 35 minutes

Date - 8/1994

Not to Scale

actions:-

Standpoint:

Direction	Station	Direction

Direction	Station	Direction

