

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

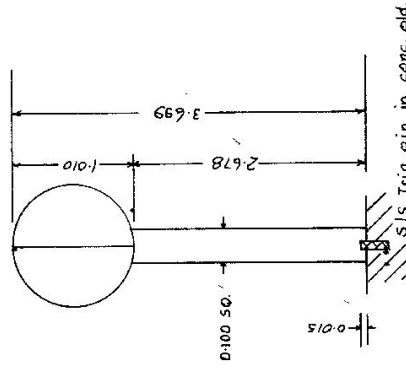
STATION **BALFOURS PEAK T. S. 3308**
74-98
3850

Co: **BURNETT** PH: **GULLUNGUTTA**
Map Sheet: **YALLAROI** No: **9039**
Inspected by: **D. HALLS** Date: **9/7/76**
Authority: **C. M. A. 72/66** Field Book: **1479**

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 loose 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: S/S. Trig. pin in conc. Rd. should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
Height of mark: 0.15 m above ~~base~~ concrete 0.2 m above G.L.
Height of Top Vanes to Top Mark: 3.684 m. Diameter of Vanes (vertical): 0.10 m.

5. A. G.I. Pipe set in conc/soil has been placed 3.710 m. bearing 194°M from Trig. Mast
6. A. C.C. Nail set in conc/soil has been placed 2.505 m. bearing 214°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 G.I. Pipe to C.C. Nail : 5.275 m. bearing 194°M
10. Connection to m. bearing°M
11. Connection to m. bearing°M
12. Connection to m. bearing°M
13. Diff. Ht. S/S Trig. pin is 0.481 m. above ~~base~~ G.I. Pipe
14. Diff. Ht. S/S Trig. pin is 0.143 m. above ~~base~~ C.C. Nail
15. Diff. Ht. C.C. Nail is 0.342 m. above ~~base~~ G.I. Pipe
16. Diff. Ht. is m. above/below



Beacon Diagram
Not to Scale

Date: **Feb 76** Record of Station
Trig. constructed by D. Mitchell

Checked

Prepared by: **D. FREDRIKSEN** Checked: **D. Knyssode** Noted on U.T.M. Card **17**

STATION BALFOURS PEAK T.S. 7308 5830

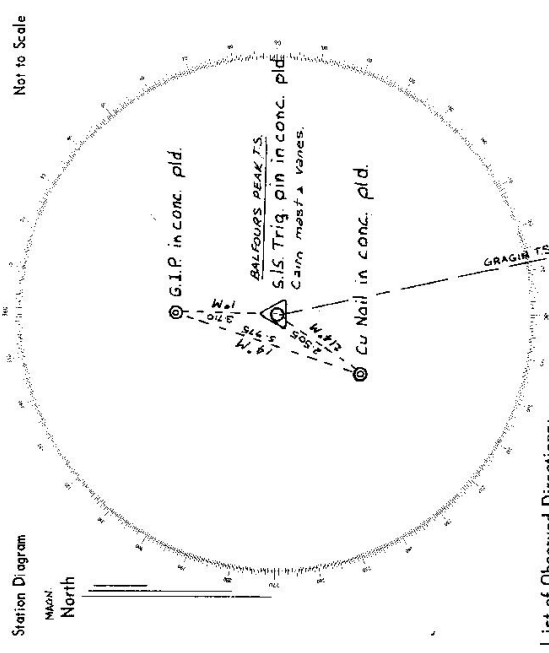
Owners Name.....
 Current Occupant.....
 Address.....
 Address.....

9-7-76

Access
 KMS
 0.0
 0.4
 0.5
 2.6
 3.7
 20.9
 21.1
 25.8
 28.4
 29.4
 30.6
 30.9
 31.05

FEATURE
 COMMERCIAL HOTEL VARIALDA heading North along STEPHEN ST.
 Turn RIGHT towards "GRACIN 21"
 Veer RIGHT along GRACIN RD
 Straight ahead of end of bitumen
 Mundering Gully
 LEFT towards GRAMAN
 Straight ahead at GRAMAN turnoff.
 "MANITOBA" homestead on R.H.S.
 Turn LEFT towards "WONGABRI"
 GRID
 Fence corner on R.H.S. of Rd.
 Turn LEFT off road at old telephone pole head towards
 in wheat farm.

Go around edge of field to a gate in the fence corner
 follow faint track, turn towards peak of blazed trees
 Back vehicle up final 100 m.
 About 5 min. walk.



List of Observed Directions:-

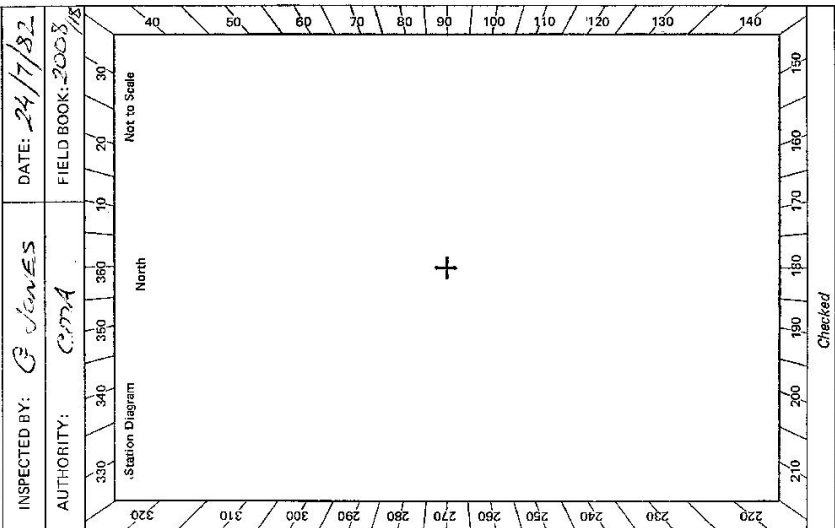
Standpoint: S/S Trig. Pin		Standpoint: Cu Nail in conc. pld.	
Station	Direction	Station	Direction
GRACIN pillar. T.S.	0° 00' 00"	GRACIN pillar. T.S.	0° 00' 00"
Cu Nail in conc. pld.	43° 59'	G.I.P. in conc. pld.	209° 07'
G.I.P. in conc. pld.	130° 52'	S/S Trig. pin pld.	224° 01'

69

7308

STATION: **BALFOURS PEAK** No.: **5830**
 MAP SHEET SCALE 1:250 000
 INSPECTED BY: **C. JONES** DATE: **24/7/82**
 AUTHORITY: **C.M.A.** FIELD BOOK: **2008**

INVERELL



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. **Steel Pillar/Plate, Steel Plug/Brass plug, Bolt, G.I. Pipe**
 Height of mark..... m. ^{above} ~~below~~ rock/concrete: **Mark** ^{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:			
Mark	Direction	Horiz. Distance	Height Difference
			above standpt.
			below
			above standpt.
			below
			above standpt.
			below
			above standpt.
			below
			above standpt.
			below
			above standpt.
			below
			above standpt.
			below

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

SI: 2733-2 D. West, Government Printer

730 B
5030

STATION **BALFOURS PEAK**

Owner's Name: **TR 1109**
 Address: **Special Lease O/P**
Lessee: Mr. Neryi Rye Richardson
Phone: Springfield

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

ACCESS

Access Report was found/unsuitable.

- 0.0 Commercial Hotel Mountain Head North
- 0.4 Turn right towards Ocean
- 0.5 Veer right towards Ocean
- 2.6 Straight ahead at end of bitumen
- 3.7 Merging gully
- 20.9 Turn left towards Ocean
- 21.1 Straight ahead at the Ocean turn-off
- 28.4 Turn left towards Mangabari
- 29.4 6-8.
- 30.6 Fence corner on RHS of road
- 30.9 Turn left off road, and make way across to fence, and gate in corner
- 31.1 Through mangrove, then make way through trees and grass to the peak.
5 min walk.

Date	Record of Station

Beacon Diagram	Not to Scale

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 Markm.

Height of markm. above rock/concm. below above G.L.

Diameter of Vanesm. Height of Cairnm.

Original Beacon has/has not been destroyed by me.

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF M.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing 360° *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 17.11.82, dimensions now being:

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

Height of mark 0.615 m. above rock/concrete; Mark is m. above G.L.

Height of Top Vanes to Top Mark/Pillar plate 3.660 m. Diameter of Vanes (vertical) 1.010 m.

Height of Cairn 1.100 m. Diameter of Cairn 1.500 m. Name Plate found/not found/placed.

Length of Mast m. (approximate if not unpiled)

4. A. S.O. PEEK Math set in conc/rock has been placed/found, bearing 215° M from Mast/Plug/Pillar

5. A. G.I. PIPE 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

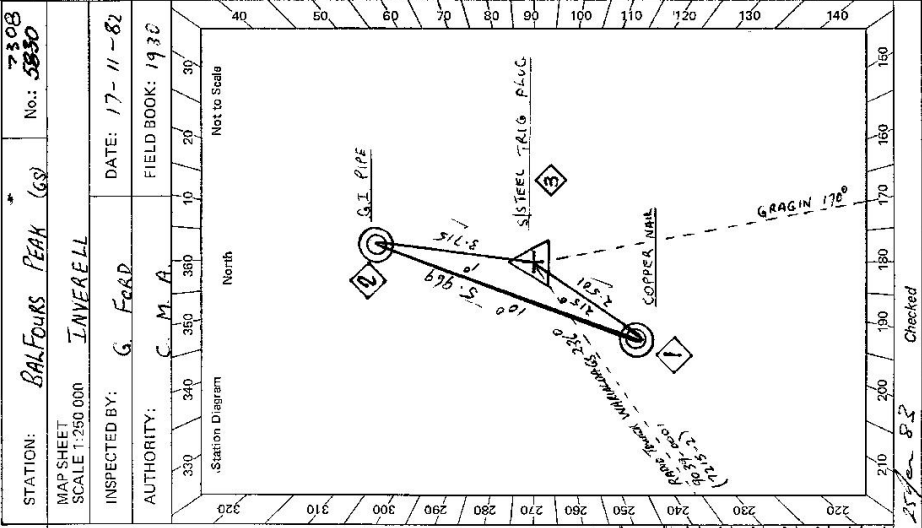
7. A. set in conc/rock has been placed/found, bearing M from Mast/Plug/Pillar

8. Action required: S.U.T.I.B.H.E. FOR ROOF TOP PILLAR

STANDPOINT:	STANDPOINT:	STANDPOINT:	STANDPOINT:
Mark	Direction	Horiz. Distance	Height Difference
G.R.A.S.I.N. P.	0 00 00		above standpt.
COPPER NAIL	43 58 20	2.500	above standpt.
WOOD TOWER AT WAKALABA GS	68 14 10		above standpt.
G.I. PIPE	190 50 10	3.715	above standpt.
			below standpt.
			below standpt.
			below standpt.
			below standpt.

Prepared by: G. Ford Checked: Noted on U.T.M. Card

ST 2733-1



STATION: BALFOURS PEAK (GS) No: 7308
 MAP SHEET SCALE 1:250 000
 INSPECTED BY: G. Ford DATE: 17-11-82
 AUTHORITY: C.M.A. FIELD BOOK: 1930

STATION	BALFOUR'S PEAK 7308 5850
<p>Owner's Name: TR 1109 Address: STEADY LEASE GULF Lessee: M. P. A. REARDON PH. GOURNAMA 295717</p> <p>Access Report of 24/1/1982 was found suitable/unsuitable.</p>	<p>ACCESS OWNER: BEA WARDLEY Current Occupant: BALMAIN Address: Phone: 17-11-82</p>
<p>0-00 COMMERCIAL HOTEL WARRALDA HEAD NORTH 0-4 TURN RIGHT TOWARDS GRAGIN 0-5 VEER RIGHT " 2-6 STRAIGHT AHEAD AT END OF THE BURNEN 3-7 MURDERING GULLY 20-9 TURN LEFT TOWARDS GRAMMAN 21-1 STRAIGHT AHEAD AT THE GRAMMAN TURN OFF 28-4 TURN LEFT TOWARDS WONGARAI GRID 29-4 FENCE CORNER ON R.H.S. OF ROAD 30-6 TURN LEFT OFF ROAD AND MAKE WAY ACROSS TO FENCE → 30-9 THROUGH IRON GATE → AND GATE IN CORNER 31-1 THEN MAKE WAY THROUGH TREES AND GRASS UP TO PEAK SHIN WALK.</p>	<p>Date</p> <p>Record of Station</p>
<p>Beacon Diagram</p> <p>Not to Scale</p> <p>Effect Height 3680</p>	<p>This section to be completed by officer constructing pillar.</p> <p>Original station mark found/not found.</p> <p>Description of mark: ST. TEE TR. 1109 P. A. REARDON</p> <p>Original beacon found/not found.</p> <p>Description of beacon: CAIRN Pole 5 D.I.S.S.</p> <p>Height Top of Vanes to Top Mark.....m.</p> <p>Height of mark.....m. above G.L. below</p> <p>Diameter of Vanes.....m. Height of Cairn.....m.</p> <p>Original Beacon has/has not been destroyed by me.</p>

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*..... 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:.....

STANDPOINT:

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

Prepared by: *[Signature]*

Checked: *[Signature]* 31/9/88

Noted on U.T.M. Card

STATION: *BALFOURS REAK* No.: *3308*
 MAP SHEETS SCALE 1:250 000 *INVERELL* SCALE 1:100 000
 INSPECTED BY: *A Sivertsen* DATE: *17/8/88*
 AUTHORITY: *CMA* FIELD BOOK: *---*

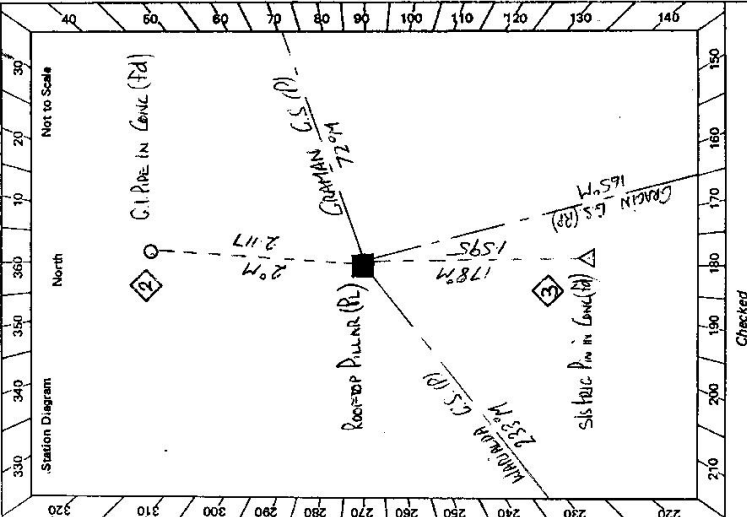
Station Diagram

Checked: *[Signature]*

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **3 ALFORD Peak GS (RP)** No.: **7308**
 MAP SHEETS SCALE 1:250 000 **INVERDELL**
 INSPECTED BY: **L. HITCHINS**
 AUTHORITY: **LANDS DEPT.**

SCALE 1:100 000 **YALLANDI**
 DATE: **11.5.89**
 FIELD BOOK: **L384**
L385



STANDPOINT: **ROOFTOP PILLAR**

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
GRACIN (RP)	0 0000		above standpt.	GRACIN (RP)	0 0000		above standpt.
SIS TRIC PIN	09 24 40	1.595	above standpt.	WARRUDA (P)	68 12 50		above standpt.
WARRUDA (P)	68 12 40		below standpt.	ROOFTOP PILLAR	189 25 15	1.596	above standpt.
C.I. PIPE	191 52 30	2.117	below standpt.	C.I. PIPE	—	NOT	SEEN
GRACIN (P)	268 44 25		below standpt.	GRACIN (P)	268 44 10		below standpt.
			below standpt.				below standpt.

STANDPOINT: **G.I. PIPE IN CONC (2)**

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
GRACIN (RP)	0 0000		above standpt.				above standpt.
ROOFTOP PILLAR	11 50 15	2.118	above standpt.				above standpt.
SIS TRIC PIN	—	NOT	SEEN				above standpt.
WARRUDA (P)	68 12 05		below standpt.				below standpt.
GRACIN (P)	268 44 40		below standpt.				below standpt.
			below standpt.				below standpt.

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

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

- Cleared by lanes bearing 360° Note: Cross out word or words which do not apply from Trig. Mast
- Mast & Vanes have been painted white & black respectively. ✓
- The station pillar was ~~unpainted~~ ^{unpainted} / ~~unpainted~~ / constructed on 10.5 ^{19.89} dimensions now being:
 Description of mark: ~~Rooster~~ ^{Rooster} ~~pillar~~ ^{pillar} should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark 1.248 m. above ~~concrete~~ ^{concrete} Mark is 1.443 m. above G.L.
 Diameter of Vanes (vertical) 0.747 m.
 Height of Top Vanes to Top ~~Mark~~ ^{Mark} / Pillar plate 1.437 m.
 Diameter of Cairn ~~.....~~ m. Name Plate ~~found/not found~~ / placed.
 Length of Mast ~~.....~~ m. (approximate if not unplied)
- A ~~S.S. TRIG. P.N.~~ ^{S.S. TRIG. P.N.} set in conc/rock has been ~~placed~~ / found, bearing 178° M from ~~Mast/Plug/Pillar~~ / ~~.....~~
- A ~~G.I. PIPE~~ ^{G.I. PIPE} set in conc/rock has been ~~placed~~ / found, bearing 2° M from ~~Mast/Plug/Pillar~~ / ~~.....~~
- A ~~COPPER NAIL~~ ^{COPPER NAIL} has been ~~placed~~ / found, bearing ~~.....~~ M from Mast/Plug/Pillar ~~.....~~
- 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

SEE ATTACHED SHEET

Prepared by: *J.C.M.*

Checked: *J.C.M.*

Noted on U.T.M. Grid

Checked

STATION: **BALFOURS PEAK GS (RP)** No.: **7308**
 No.: **5330**

MAP SHEETS: **INVERELL** SCALE 1:100 000
 SCALE 1:250 000

INSPECTED BY: **L. HITCHINGS** DATE: **11.5.89**

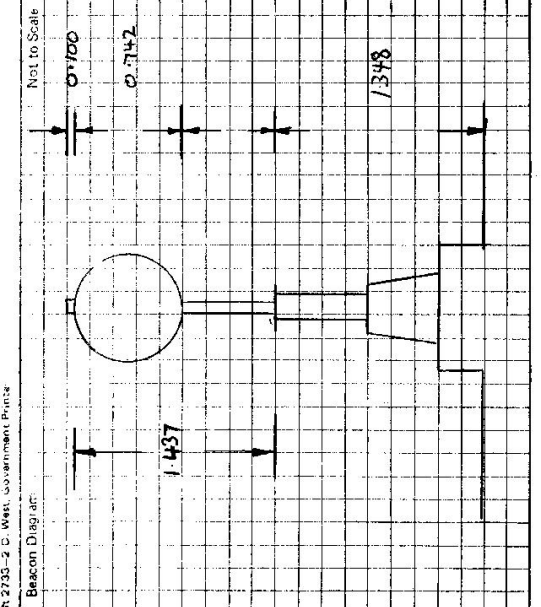
AUTHORITY: **LANDS DEPT.** FIELD BOOK: **C.384**
C.285

Station Diagram

North

Not to Scale

7308
BALFOURS PEAK G.S. (RP) 58340



STATION: BALFOURS PEAK G.S. (RP) 58340
 CHURCH'S NAME: TR 1109 (MOREE LANDS OFFICE)
 ACCESS NUMBER: TERRY ROBERTS
 ADDRESS: "BALMORAL"
 OWNER SURROUNDING LAND: DARCY BOY REARDON
 ACCESS: "MYALLA"
 * PLEASE CALL OWNERS. *
 11-5-89

OWNER SURROUNDING LAND: DARCY BOY REARDON
 ACCESS: "MYALLA"
 Access Report on 11/5/89 was found suitable for installation.
 0-0 DELONGRA PC. HEAD WEST TO WARRALDA
 3-37 TURN RIGHT SIGN "WARRALDA COASTMAN RD 5'' BALMAIN 14"
 14-37 TAKE LEFT FORK "WARRALDA COASTMAN RD 5'' BALMAIN 14"
 19-15 PASS ACCESS TO GRACIN G.S. ON LEFT SIGN "THE PEAK"
 19-84 CROSS CRUD PASS ROAD ON LEFT "WARRALDA 22" (TAKE ROAD ON LEFT FOR OWNERS)
 AFTER 0-35 TURN RIGHT THROUGH DOUBLE IRON GATES FOLLOW BLACK SOIL TRACK TO FIRST HOUSE
 ON LEFT. WALTER OR LEONARD REARDON'S SPRINGMOUNT DR FOR DARCY BOY REARDON
 CONTINUE TOWARDS WARRALDA FIRST BRICK HOUSE ON RIGHT. (G. DON'T TAKE BLACK SOIL TRACK)
 20-05 PASS HEAD ON RIGHT TO COASTMAN. BOORALEE + WAVERLEY DOWNS
 27-01 PASS "BALMAIN ON RIGHT"
 27-23 TURN LEFT OFF ROAD. FOLLOW CONTIGUOUS ACCESS CULTIVATED FIELDS
 30-16 TOWARDS CLUMP OF TREES TO LEFT OF HILL
 CONTINUE ALONG TRACK TO ACCESS OWNERS HOUSE CROSSING APPROX 4 CARDS
 30-45 PASS THROUGH CLUMP OF TREES PROCEED TO FENCE STRAIGHT AHEAD
 30-64 TURN LEFT AT FENCE FOLLOW FENCE LINE
 30-95 TURN RIGHT THROUGH IRON GATE AT CORNER. TURN RIGHT + FOLLOW FENCE BACK
 31-13 LEAVE FENCE LINE VEER LEFT MAKE OWN WAY TO HILL APPROX 200M
 31-71 STOP VEHICLE 5 MIN WALK TO TRIC NO LOAD UP LEFT HAND SIDE OF HILL
 BALFOURS PEAK G.S. (RP) 4WD 5 MIN WALK

This section to be completed by officer constructing pillar.

Original station mark found/not found.
 Description of mark: 3x3 TRIC PIN
 Original beacon found/~~not found~~.
 Description of beacon: CAIRN POLE + DISCS
 Height Top of Vanes to Top Mark 3.680 m.
 Height of mark 0.015 above AT G.L. mark/conc. below
 Diameter of Vanes 1.010 m. Height of Cairn 1.100 m.
 Original Beacon has/~~has not~~ been destroyed by me.

Date	Record of Station