

Trigonometrical Survey of N.S.W.

CENTRAL MAPPING AUTHORITY

Department of Lands

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 Trig.
2. Cleared by lanes bearing..... from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was unpiled/~~set-up~~, dimensions now being:
 Description of mark... Brass Trig. Plug in conc. well..... should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark..... 0.051 m ^{above} ~~below~~ rock/concrete..... 0.39 m ^{above} ~~below~~ G.L.
 Height of Top Vanes to Top Mark... 3.039 m. Diameter of Vanes (vertical)... 0.92 m.
 Height of Cairn... 1.85 m. Diameter of Cairn... 2.20 m.
 Length of Mast..... 3.110 m. (approximate if not unpiled)
5. A..... set in conc./rock has been placed..... m. bearing.....°M from Trig. Mast
6. A..... set in conc./soil has been placed..... m. bearing.....°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..... to..... m. bearing.....°M
10. Connection..... to..... m. bearing.....°M
11. Connection..... to..... m. bearing.....°M
12. Connection..... to..... m. bearing.....°M
13. Diff. Ht. is..... m. ^{above} ~~below~~
14. Diff. Ht. is..... m. ^{above} ~~below~~
15. Diff. Ht. is..... m. ^{above} ~~below~~
16. Diff. Ht. is..... m. ^{above} ~~below~~

Prepared by: A. Hamilton 14.74 Checked: C. Cassar 16.13.74

Noted on U.T.M. Card M. O'Brien

Checked A. Hamilton 28/7/75

7-4-86

STATION SAPPA BULGA TS 6689

Co: NARROMINE Ph: NARROMINE

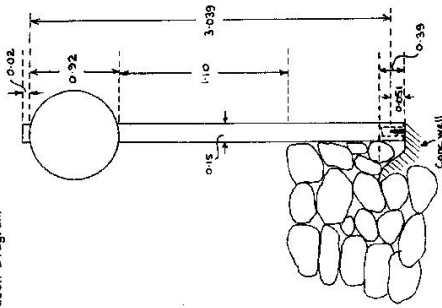
Map Sheet: NARROMINE No: 8533

Inspected by: A. Siverstein Date: 6 MAR. 1974

Authority: C.M.A. Field Book: * (see below)

Beacon Diagram

Not to Scale

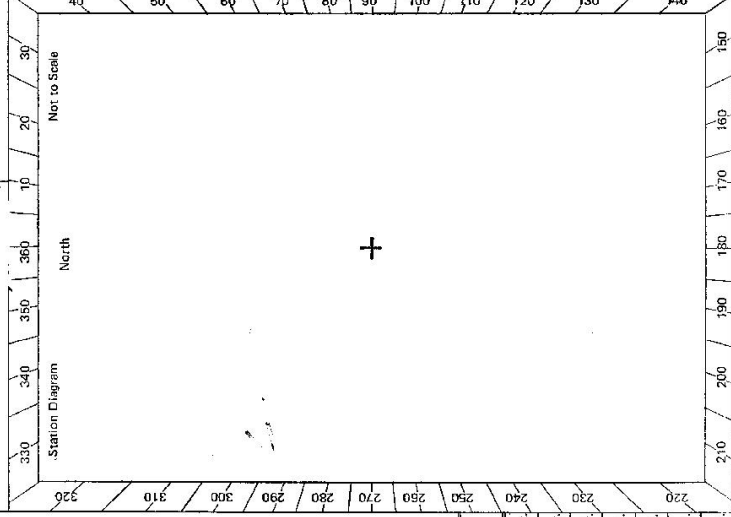


* GEOD. REFLECTOR BOOK IS Folio 1.

Date Record of Station

STATION: **SAPPA BULGA** No.: **4025**
 MAP SHEET SCALE 1:250 000
 REPORT INSPECTED BY: **P. K. Bamela** DATE: **Aug 78**
 AUTHORITY: **CVA** FIELD BOOK:

TS **6689**
 No.: **4025**
REPORT
 INSPECTED BY: **P. K. Bamela** DATE: **Aug 78**
 AUTHORITY: **CVA** FIELD BOOK:



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

St.2733-2 D. West, Government Printer

STATION **SAPPA BULGA TS 6689**

<p>Owner's Name: Address: <i>"Kabombi" property</i> Phone: Access Report of...../19..... was found suitable/unsuitable. Aug 1978 <i>ACCESS</i></p>	<p>Current Occupant: Address: Phone:</p> <p><i>According to owner of property who recently visited the station rock cairn, mast & vanes exist. The Station needs to be cleared. Recommended the Station be approached from the property on the East.</i></p>
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Date	Record of Station

<p>Beacon Diagram</p>	<p>Not to Scale</p>
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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 rock/conc.....m. below
 Diameter of Vanesm. Height of Cairnm.
 Original Beacon has/has not been destroyed by me.

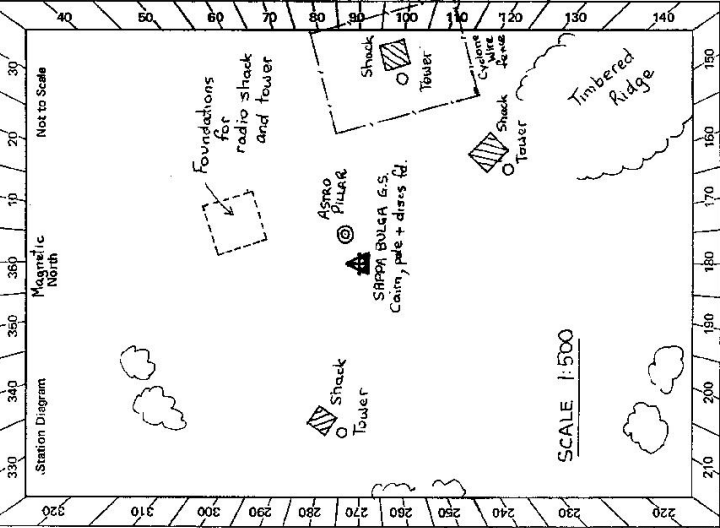
TS 6689

STATION: SAPPA BULGA G.S. No: 4025

MAP SHEET SCALE 1:250 000 NARROMINE

INSPECTED BY: P. CARR DATE: 26-2-81

AUTHORITY: C.M.A. FIELD BOOK: C 714



Checked

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

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

- Cleared by lanes bearing $160^{\circ}M - 130^{\circ}M$, scattered timber and radio shacks... from Trig. Mast obstructing vision. See diagram.
- Mast & Vanes have been painted white & black respectively. Require re-painting
- The station/pillar was unpiled/not unpiled/constructed on... m. 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... 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)
- A. CONC. ASTRO. PILLAR set in conc/rock has been placed/found, bearing... 64° ... $0^{\circ}M$ from Mast/Plug/Pillar
- A. ... set in conc/rock has been placed/found, bearing... $0^{\circ}M$ from Mast/Plug/Pillar
- A. ... set in conc/rock has been placed/found, bearing... $0^{\circ}M$ from Mast/Plug/Pillar
- A. ... set in conc/rock has been placed/found, bearing... $0^{\circ}M$ from Mast/Plug/Pillar

Action required: CONCRETE OBS. PILLAR TO BE ESTABLISHED
 Mr. Masonwells of 'Kalcumbi' has been contacted - no objections to piling or clearing (see over)

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

Noted on U.T.M. Card

Checked:

Prepared by: P. CARR 12-3-81

SI 2753-1

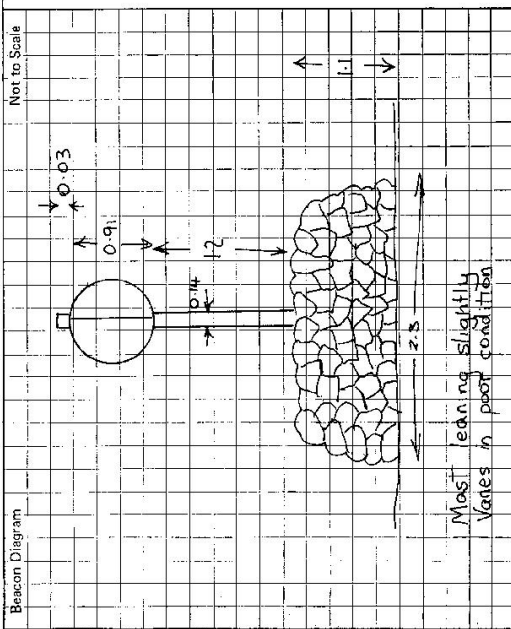
GS 24

STATION SAPPA BULGA G.S. TS 6689

Owner's Name: MASONWELLS, T.R.
 Address: KALOOMBI
 Current Occupant:
 Address:
 Phone:
 Phone: 8963244
 * Also claimed to be upon T.R. 36344 ACCESS

Access Report of 1/1/1981... was found suitable/unsuitable.
 Note: ① Access very rocky and steep. 4WD vehicle essential.
 ② Initial part of access (up to *) possible from Dubbo (see NARROMINE)

- Km 0.0 AT NARROMINE P.O. HEAD TOWARDS DUBBO.
- 7.4 TURN RIGHT ALONG TANTITHA ROAD.
- 7.8 OVER RAILWAY.
- 14.8 THROUGH GATE ON
- 16.6 TURN LEFT AND CROSS CREEK (owner's homestead S/A)
- 17.7 STRAIGHT AHEAD.
- 18.4 DOUBLE GATES. HAYSHED ON RIGHT.
- 18.7 VEER RIGHT.
- 19.2 "
- 20.2 GATE
- 20.6 TURN RIGHT THROUGH IRON GATE. FOLLOW TRACK.
- 22.1 TAKE TRACK TO LEFT.
- 22.4 UNDER TRANSMISSION LINE
- 22.9 TURN RIGHT AT JUNCTION -- Access from Dubbo to left.
- 23.7 STEEP ROCKY CLIMB FROM THIS POINT. TAKE TRACK TO RIGHT.
- 24.4 AT 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 G.L.
 below

Diameter of Vanes m. Height of Cairn m.

Original Beacon has/has not been destroyed by me.

Date	Record of Station

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

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 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:.....

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
MINDRE CS	0 00 00		above standpt.	MINDRE CS	0 00 00		above standpt.
S/S PILLAR PLATE	52 14 45	1.455	below standpt.	ASXO PILLAR	5 24 10	4.725	below standpt.
ASXO PILLAR	64 37 55	2.620	above standpt.	FRESH CS	253 11 45		above standpt.
COPPER NAIL	151 47 05	4.065	above standpt.	BRASS PUG	331 50 55	4.065	below standpt.
FRESH CS	253 10 45		above standpt.	S/S PILLAR PLATE	350 11 35	4.538	below standpt.
			below				above standpt.
			above standpt.				below
			below				above standpt.
			above standpt.				below

STANDPOINT: BRASS PUG

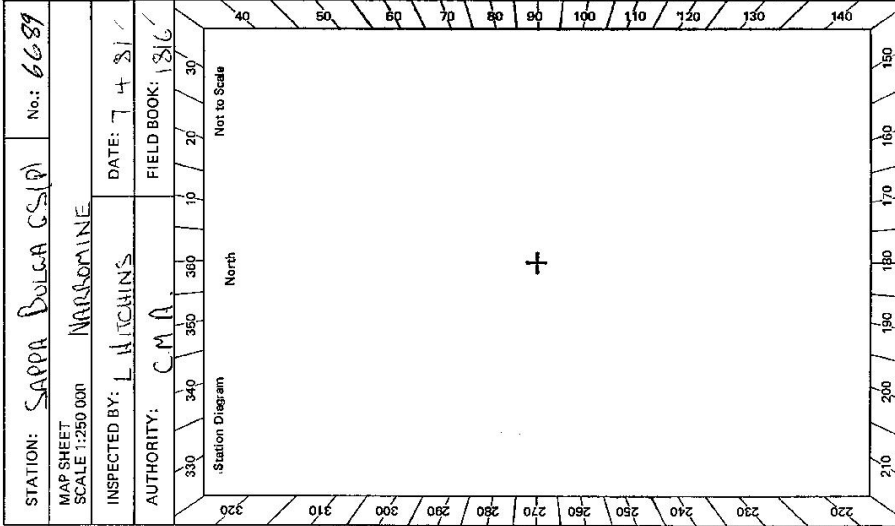
STANDPOINT: COPPER NAIL

Prepared by: J.C.M.

Checked: J.C.M.

Noted on U.T.M. Card

SI 2733-1



GEODETIC SURVEY OF NS.S.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by Janes bearing $102^{\circ}31'N$ to $137^{\circ}M$, $163^{\circ}M$ to $210^{\circ}M$, $232^{\circ}M$ to $277^{\circ}M$ 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 ~~unplaced/not unplaced~~/constructed on $18.81m$ dimensions now being:

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

Height of mark $1.385m$ above ~~rock/concrete~~..... Mark is $1.785m$ above G.L.

Height of Top Vanes to ~~Top Mark/Pillar plate~~ $1.431m$ Diameter of Vanes (vertical) $0.120m$.

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

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

4. A. ~~BRASS HOLE PILLAR~~..... set in ~~concrete~~ has been ~~placed~~/found, bearing $230^{\circ}M$ from ~~Mast/Plug/Pillar~~

5. A. ~~COPPER NAIL~~..... set in ~~concrete~~ has been ~~placed~~/found, bearing $169^{\circ}M$ from ~~Mast/Plug/Pillar~~

6. A. ~~BRASS HOLE PILLAR~~..... set in ~~concrete~~ has been ~~placed~~/found, bearing $75^{\circ}M$ from ~~Mast/Plug/Pillar~~

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

8. Action required.....

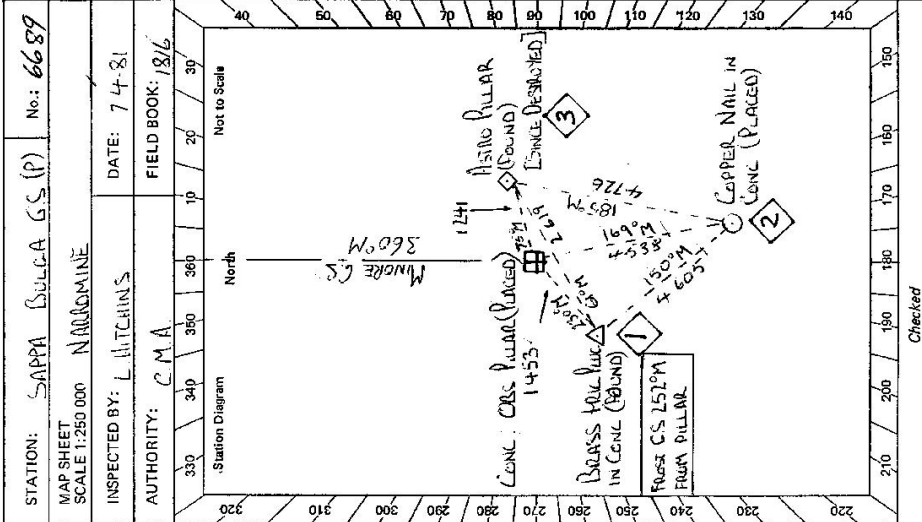
STANDPOINT: S/S PILLAR PLATE			STANDPOINT: BRASS PILLAR (SINCE DESTROYED)				
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
MINORE CS	0 00 00		above standpt.	MINORE CS	0 00 00		above standpt.
BRASS PILLAR	79 11 15	1.241	0.793 below standpt.	COPPER NAIL	185 25 30	4.717	1.053 below standpt.
COPPER NAIL	170 11 20	4.538	1.546 below standpt.	BRASS HOLE PILLAR	244 39 35	2.619	1.057 below standpt.
BRASS HOLE PILLAR	232 14 15	1.752	1.550 below standpt.	S/S PILLAR PLATE	129 16 35	1.742	0.494 below standpt.
BRASS CS	253 10 50		above standpt.	MINOR BRASS CS			above standpt.
			above standpt.	MINOR BRASS CS			above standpt.
			above standpt.				above standpt.
			below				below

Prepared by: *[Signature]*

Checked: *[Signature]*

Noted on U.T.M. Card

SI 2733-1



Checked

GS 24

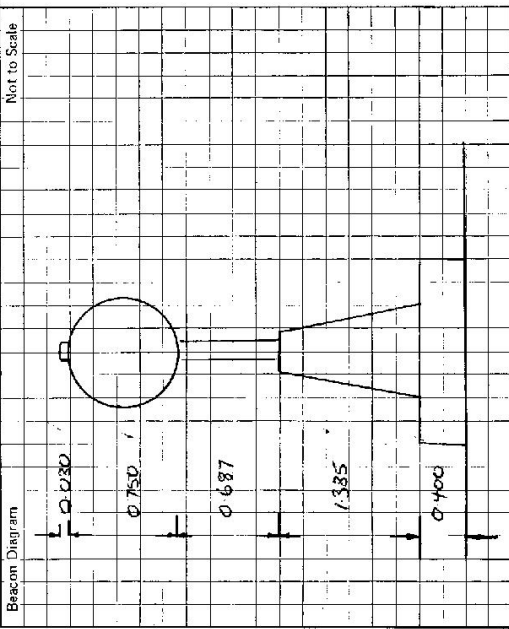
STATION **SAPPA BULGA GS (P) TS 6689**

ACCESS OWNER **MR R. MASON WELLS**
 Current Occupant: **"KALOOMBI"**
 Address: **TANTITHA RD. NARROMINE**
 Phone: **068-896314**

Owner's Name: **TOLE, ROSALINE**
 Address: **TR. 36344**
DUBBO I.R.O.
 Phone:

ACCESS
 KM Access Report of 26/2/1981 was found suitable/unsuitable.
 0.0 NARROMINE PC LEAD SOUTH
 0.1 TURN LEFT ALONG MITCHELL HWY TOWARDS DUBBO
 7.6 TURN RIGHT SIGN "TANTITHA ROAD"
 8.05 CROSS RAILWAY LINE
 8.1 CROSS ROADS CONTINUE STRAIGHT AHEAD
 15.05 PASS DAM ON RIGHT
 15.3 TURN LEFT THROUGH GATE SIGN "KALOOMBI"
 17.0 DOUBLE IRON GATES/ OWNERS HOUSE STRAIGHT AHEAD, CALL IN
 17.2 TURN LEFT ACROSS CREEK CONCRETE CHOUSEWAY FOLLOW TRACK.
 18.05 DOUBLE IRON GATES
 19.0 DOUBLE IRON GATES
 19.25 TAKE RIGHT FORK
 19.85 TAKE RIGHT FORK
 20.25 PASS GATE ON RIGHT
 20.5 PASS TRACK ON LEFT
 20.8 THROUGH GATE
 21.2 THROUGH GATE ON RIGHT
 21.6 PASS TRACK ON RIGHT
 23.15 CROSS UNDER POWER LINES
 *23.6 TURN RIGHT - ACCESS FROM DUBBO TO LEFT.
 24.35 CONTINUE UP STEEP ROCKY TRACK LEFT OR RIGHT.
 25.0 SAPPA BULGA GS (P)

ACCESS VERY ROCKY & STEEP
 4 WD NEEDED PAST 24 KM.
 INITIAL PART OF ACCESS UP
 TO *23.6 KM POSSIBLE FROM
 DUBBO (SEE NARROMINE 150,000)



Not to Scale

This section to be completed by officer constructing pillar.

Original station mark found/has been found.
 Description of mark: **BRASS, TALL PILLAR**
 Original beacon found/has been found.
 Description of beacon: **CAIRN, POLE & DISCS**
 Height Top of Vanes to Top Mark **3.050** m.
 Height of mark **0.665** m. above ~~1.000~~ below G.L.
 Diameter of Vanes **0.945** m. Height of Cairn **1.230** m.
 Original Beacon has/has not been destroyed by me.

Date

Record of Station

GEODETTIC SURVEY OF NS.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by James bearing... *both clear to North, with need to open up original clearing*
 Note: Cross out word or words which do not apply to Open up original Clearing 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... *S/S Pillar*... 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: Needs new Mast, Plug, (No) [Flag, etc. CRACKED]

STANDPOINT:

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

Prepared by: *L.M.*

Checked: *R.M.*

Noted on J.T.M. Card

Checked

STATION: SAPP BULCA No.: 6689
 MAP SHEETS SCALE 1:250 000 NARROMINE
 INSPECTED BY: L. HITCHINS DATE: 20 3-90
 AUTHORITY: L.I.C. FIELD BOOK: ---

Station Diagram

Not to Scale

LAND INFORMATION CENTRE

GEODETIC SURVEY OF A.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: SAPPA BULGA No.: 6689

Description:

Note: Cross out word or words which do not apply

1. Cleared by lanes bearing: **TOWNS NARROMINE TOWN of NARROMINE TWR** from Trig. Mast & **GEULIE (P)**
2. Mast & Vanes have been painted white & black respectively.
3. The station/pillar was unplied/~~not unplied~~ on **14 MAY 1996**, dimensions now being:

Description of mark: **SS P Plate** 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 Mastm. (approximate if not unplied)

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

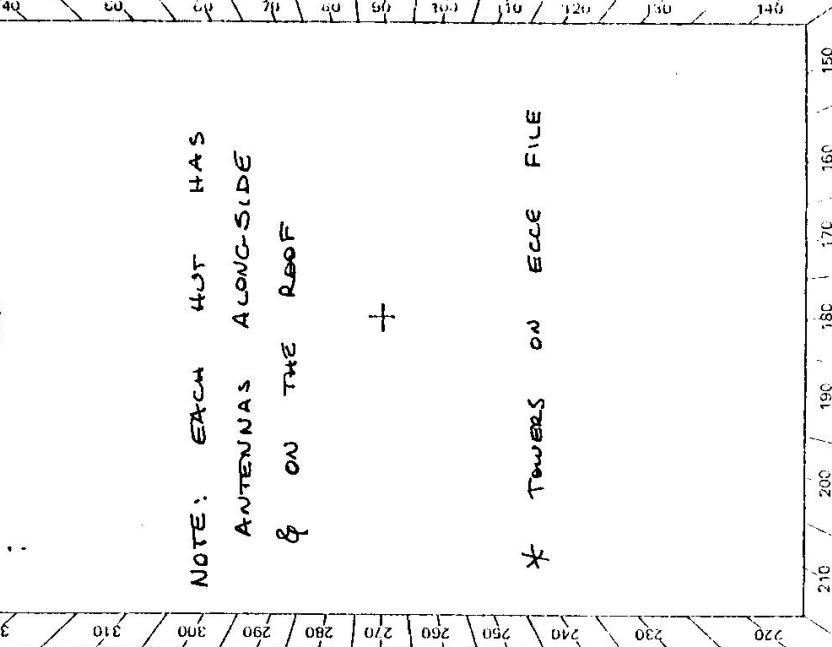
8. **Asstn required: ** Police tower not built at time of connection.**

STANDPOINT: PILLAR ~~STANDPOINT~~ (Centre peg connected)

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
NARROMINE RES (P)	0 00 00		above standpt.	* SMOOR TWR	330 11 10	15.67	above standpt.
TIMBKE BONGIE (P)	3 50 46		above standpt.	HUT WITH VENT.	339 36	15.22	above standpt.
Centre Round HUT	101 03	15.60	above standpt.	* POLICE TWR	357 13 55	33.17	above standpt.
☿ TALL TOWER	154 41 00	20.785	above standpt.				below standpt.
☿ HUT	163 04 30	19.10	above standpt.				below standpt.
☿ HUT	203 32	16.80	above standpt.				below standpt.
☿ ROUND HUT	275 24 50	14.49	above standpt.				below standpt.

Prepared by: Checked: A/c'd on U.T.M. Card

MAP SHEET SCALE 1:250 000
 INSPECTED BY: A. Sivertsen
 M. Morrison DATE: 14.5.96
 AUTHORITY: LIC FIELD BOOK:



Checked

2733-2 D. West, Government Printer

Beacon Diagram Not to Scale 	STATION SAPPA BULGA (P) 6689 Access Owner BOB SUNDERLAND Current Occupant: " Address: LOREINE TINKS LANE Phone: 068 820738	Owner's Name: TRIG RESERVE Address: TR 36344 Dubbo LBO Phone:	ACCESS Access Report of/15..... was found suitable/unsuitable. AWD (L4) + WINCH if damp DATE: MAY 1996	<p>0.0 From DUBBO take NEWELL HWY towards PEAK HILL for about 16 km. Turn R Sign "TINKS LANE"</p> <p>0.8 Take L fork (main track)</p> <p>5.1 Through double iron gate straight ahead "LOREINE"</p> <p>5.28 Pass track on R</p> <p>5.70 Pass track to ACCESS owner on L</p> <p>6.15 Through double iron gate on L just before shed (House set 50m away) Follow track across creek & past 1st machinery shed.</p> <p>6.30 Pass second machinery shed then turn L through double iron gate before shearing shed.</p> <p>6.8 Gate 6.93 Gully 8.85 Double iron gate</p> <p>9.02 Cross gully then double iron gate. 9.40 gully</p> <p>10.03 Iron gate (10.2 Pass access from NARBONNE on R.)</p> <p>10.6 Iron gate</p> <p>10.9 Track is steep & rocky 11.6 SAPPA BULGA (P)</p>	Record of Station Date 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.
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