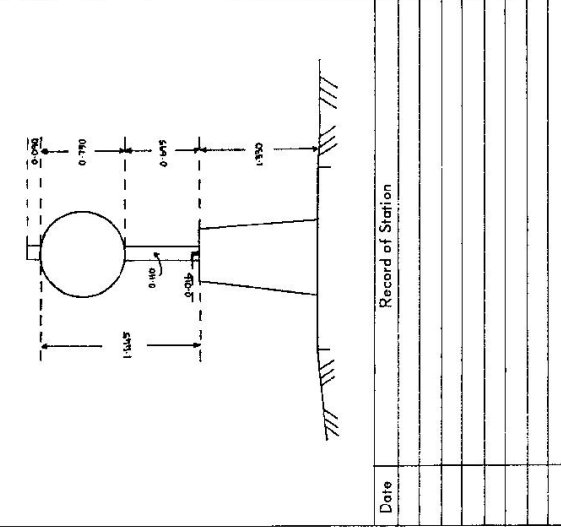


7-4-98

CENTRAL MAPPING AUTHORITY
Department of Lands
Trigonometrical Survey of N.S.W.
RECONNAISSANCE and MAINTENANCE REPORT

STATION	BULGA OP	PHI	MANDEWAR
Co:	GUNNENRESVA	No:	8730 5
Map Sheet:	BGGANBVA	Date:	31ST JANUARY 1972
Inspected by:	C. B. GUNNING	Field Book:	1477
Authority:	C.M.A.	Not to Scale	



Date	Record of Station

Note: Cross out word or words which do not apply

- This Trig. Station has been:
- Completely cleared to permit 360° vision to surrounding Trigs.
 - Cleared by lances bearing..... from Trig. Mast
 - Trig. Mast & Vanes have been painted white & black respectively.
 - The Trig. was unpiled/~~not unpiled~~, dimensions now being:
 - Description of mark ~~CONC. CONCRETE PILLAR~~..... should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 - Height of mark..... m above rock/concrete ~~PILLAR PLATE~~..... m above G.I. ~~PILLAR~~
 - Height of Top Vanes to Top PLATE..... m. Diameter of Vanes (vertical) 9.759. m.
 - Height of ~~Cap~~..... m. Diameter of ~~Cap~~..... m.
- Length of Mast..... m. (approximate if not unpiled)
- ANV..... set in conc/rock has been found..... m. bearing.....°M from Trig. Mast PLATE
 - ANV..... set in conc/soil has been found..... m. bearing.....°M from Trig. Mast PILLAR
 - A..... set in conc/soil has been placed.....°M from Trig. Mast
 - A..... set in conc/rock has been placed.....°M from Trig. Mast
 - Connection..... to..... m. bearing.....°M
 - Connection..... to..... m. bearing.....°M
 - Connection..... to..... m. bearing.....°M
 - Diff. Ht. ~~TRIG. STATION~~..... is..... m. above ~~PILLAR PLATE~~
 - Diff. Ht. ~~TRIG. STATION~~..... is..... m. above ~~PILLAR PLATE~~
 - Diff. Ht. is..... m. above
 - Diff. Ht. is..... m. below

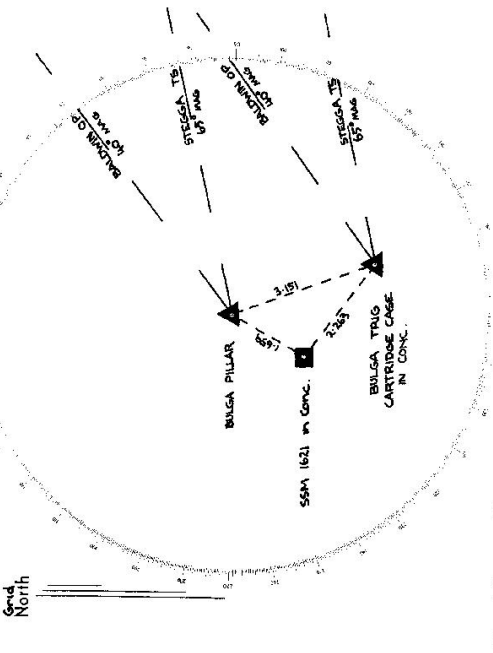
Prepared by: T. Sheldahl 25.3.76 Checked: K. G. G. 14.4.76 Noted on U.T.M. Card
 C.B.G. 1/76

STATION BULEGA OP 6662

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

Access 31st January 1976

Station Diagram
 Not to Scale
 Genl North



List of Observed Directions:-

Standpoint: LONG OBSERVATION PILLAR. Standpoint: TRING CARTRIDGE CASE IN CONC.

Station	Direction	Station	Direction
BALUNJAN OP	259 51 60	BALUNJAN OP	259 51 60
STERGA TS	25 14 51	STERGA TS	25 14 41
TRING CARTRIDGE CASE IN CONC	107 57	SSAM 1621	257 31
SSAM 1621	157 43	PILLAR SURVEY	257 38

Station	Direction	Station	Direction

STATION **BULGA GS (PILLAR)** TS: 6662
6662

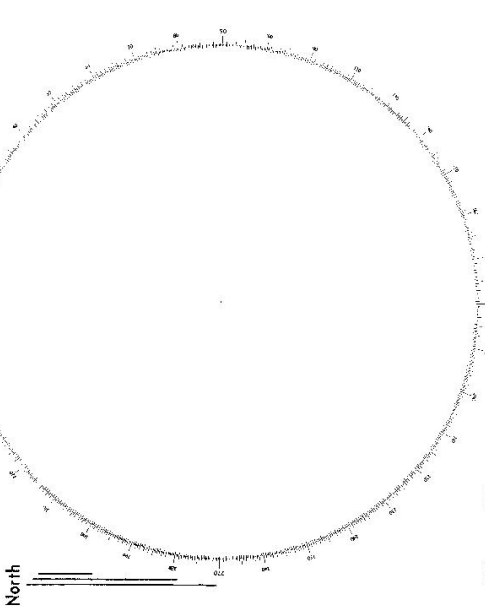
Owners Name..... Current Occupant.....

Address..... Address.....

Access 16-4-77

Not to Scale

Station Diagram



List of Observed Directions:-

Station	Direction	Station	Direction
BALDWIN GS OP	359° 59' 60"	BALDWIN GS OP	359° 59' 60"
MANILLA GS	6° 14' 04"	KLORI GS OP	42° 16' 48"
SOMERTON NORTH BASE GS OP	37° 38' 34"	SOMERTON SOUTH BASE GS OP	71° 36' 33"
MAITS HILL GS OP	38° 42' 42"	Cartridge Case in Conc. Fe.	107° 49' 23"
KLORI GS OP	42° 16' 48"	SSM 1621 in Conc. Fe.	151° 56' 18"
SOMERTON SOUTH BASE GS OP	71° 36' 36"		
KEELINDI GS	75° 08' 21"		
SSM 1621 in Conc. Fe.	257° 30' 44"		
PILLAR Spigot	287° 50' 18"		

TS: 6662

CENTRAL MAPPING AUTHORITY

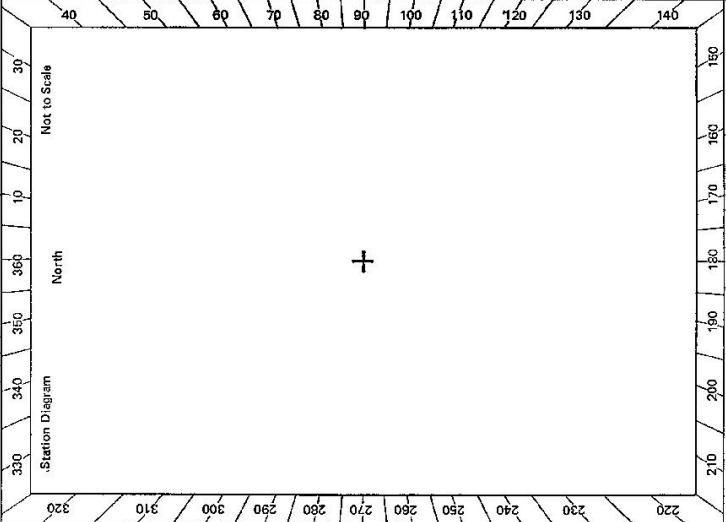
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **BULGA GS (P)** OLD No.: **5524**

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

INSPECTED BY: **L. HITCHINS** DATE: **28.1.21**

AUTHORITY: **CMA** FIELD BOOK: **1816**



Description: **240**
 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 ~~unplaced~~ ^{DESTROYED} ~~not unplaced/reconstructed~~ on **29.1.1981**, 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 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 unplaced)

4. A. **S.S.M. No. 1621** set in conc/rock has been placed/found, bearing.....° M from Mast/Plug/Pillar
5. A. **CARRIDGE CASE** 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: **30118 THIS PILLAR HAS BEEN DESTROYED AND REPAIRED**

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
KELVIN GS	0 00 00		above standpt	KELVIN GS	0 00 00		below standpt
YARRARI GS	07 20 35		above standpt	YARRARI GS	07 20 20		below standpt
S.S.M. No 1621	11 46 10	2.26	above standpt	CARROLL GS	221 14 25		below standpt
S/S PILLAR PLATE	42 00 00	3.14	above standpt	CARRIDGE CASE	222 01 05	3.144	below standpt
CARROLL GS	221 13 45		below standpt	S.S.M. No 1621	266 01 05	1.643	below standpt
			above standpt				below standpt
			below				below

STANDPOINT: **CARRIDGE CASE**

STANDPOINT: **S/S PILLAR PLATE**

Prepared by: *[Signature]*

Checked: *[Signature]*

Noted on U.T.M. Card

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF N.S.W.

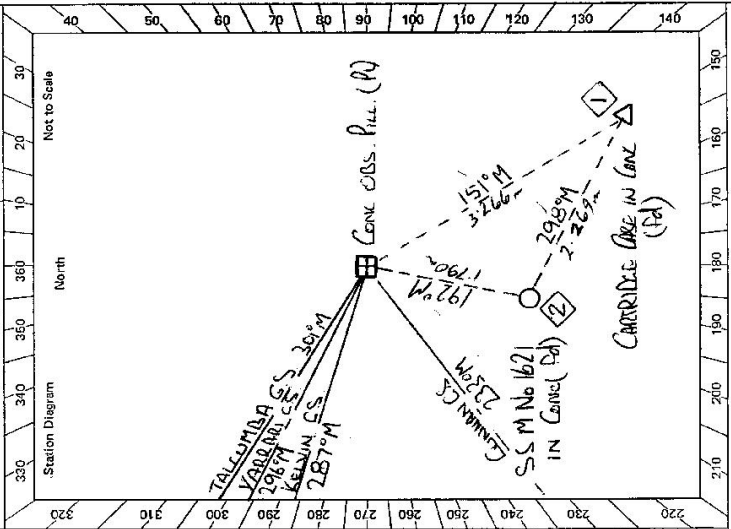
GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **BULCA GS (P) NEW** No.: **6662**

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

INSPECTED BY: **L HITCHINS** DATE: **7/2/81**

AUTHORITY: **CMA** FIELD BOOK: **1816**



- Description:
- Cleared by lanes bearing **360°** ~~to~~ **Some** ~~to~~ **SANDESON** ~~to~~ **TRIG** from Trig, Mast
 - Mast & Vanes have been painted white & black respectively ✓
 - The ~~station~~ **pillar** was ~~replaced~~ **replaced** / constructed on **2** ~~2~~ **198.1** dimensions now being: Description of marks **S/S Pillar Plate** could be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe Height of mark **1.375** ^{above} ~~below~~ **rock/concrete**; Mark is **1.505** ^{above} ~~below~~ **G.L.** Height of Top Vanes to Top ~~Mark~~ **Pillar plate** **1.445** m. Diameter of Vanes (vertical) **0.750** 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 unpeeled)
 - A **CARRIDGE CASE** set in **conc/rock** has been **placed** / found, bearing **151°** ~~151~~ **M** from **Mast/Plug/Pillar**
 - A **SSM No 1621** set in **conc/rock** has been **placed** / found, bearing **192°** ~~192~~ **M** from **Mast/Plug/Pillar**
 - A **CONC OBS. PILL (P)** set in **conc/rock** has been **placed** / found, bearing **0°** ~~0~~ **M** from **Mast/Plug/Pillar**
 - A **CONC OBS. PILL (P)** set in **conc/rock** has been **placed** / found, bearing **0°** ~~0~~ **M** from **Mast/Plug/Pillar**
 - Action required **None**

STANDPOINT: S/S PILLAR PLATE				STANDPOINT: CARRIDGE CASE			
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
GUNNAN GS	0 00 00		above standpt	GUNNAN GS	0 00 00		above standpt
KELVIN GS	56 48 20		above standpt	KELVIN GS	56 47 40		above standpt
YARRARI GS	64 08 55		above standpt	YARRARI GS	64 08 20		above standpt
TALCUMBA GS	68 33 15		above standpt	TALCUMBA GS	68 29 30		above standpt
CARRIDGE CASE	180 12 45	3767	1.618 below standpt	SSM No 1621	68 33 55	2269	0.167 above standpt
SSM No 1621	371 54 05	1790	1.460 below standpt	S/S PILLAR PLATE	100 11 25	3265	1.627 below standpt
			above standpt				above standpt
			below				below

Prepared by: **[Signature]** Checked: **[Signature]** 9/2/81 Noted on U.T.M. Card

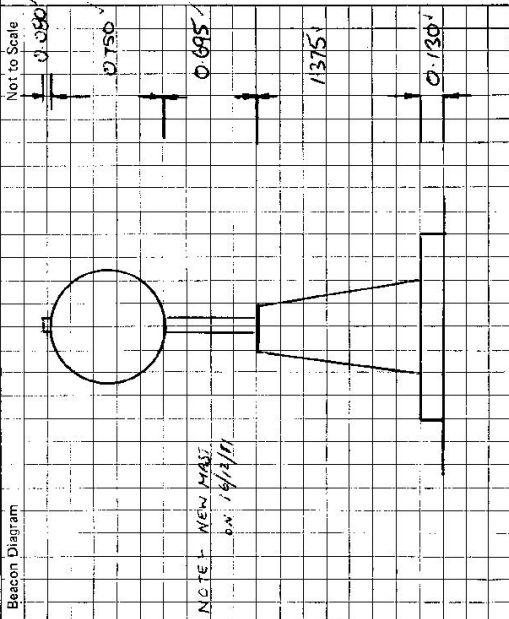
STATION **BULGA GS (P) NEW 6662**

Owner's Name: **DAVID CONNADILLY**
 Address: **BULGA RASTRAL CO**
BULGA VIA SUNNIBOHAM
 Phone: **7-2-81**

Current Occupant:
 Address:
 Phone:

Access Report of **1/19/19** was found ~~unsuitable~~ **unsuitable**.

0:00 CONNADILLY PO HEAD WEST ALONG CONNADILLY ST
0:45 TURN RIGHT INTO CHANDOS ST.
1:10 CROSS BRIDGE
17:20 TURN RIGHT SIGN KEEP DAM VIA BULGA 2B
22:35 PASS ROAD ON RIGHT FOLLOW MAIN ROAD
27:00 PASS TRACK TO OWNERS HOUSE ON LEFT
28:00 TURN LEFT THROUGH AND SET OF DOUBLE IRON GATES
29:05 AND VEER RIGHT AND FOLLOW TRACK AROUND BASE OF HILL
30:05 CROSS GULLY + FOLLOW TRACK UP STEEP
30:60 FENCE CORNER
BULGA GS (P) FOLLOW FENCE.



This section to be completed by officer constructing pillar.

Original station mark found/~~not found~~.....
 Description of mark: **STONE PILLAR PLATE**.....
 Original beacon found/~~not found~~.....
 Description of beacon: **CONCRETE OBS PILLAR**.....
 Height Top of Vanes to Top Mark: **1.415**.....m.
 Height of mark: **330** above ~~1.330~~ **1.330** above G.L. ~~below~~
 Diameter of Vanes: **0.750**.....m. Height of Cairnm.
 Original Beacon has ~~been~~ been destroyed by me.

Date	Record of Station

CENTRAL MAPPING AUTHORITY

GEODETIC SURVEY OF M.S.W.
 GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **BULGA CS (P)** No.: **6662**
 MAP SHEET SCALE 1:250 000 **MANJILLA**
 INSPECTED BY: **L. HITCHINS** DATE: **16.12.81**
 AUTHORITY: **C.M.A.** FIELD BOOK: **D914**

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

- Cleared by lanes bearing..... from Trig. Mast
- Mast & Vanes have been painted white & black respectively.
- 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 is.....m. ^{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 unpiled)
- A.....set in conc/rock 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
- A.....set in conc/rock 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
- 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: **SP 205/BR** Checked: **SP 205/BR** Noted on U.T.M. Card

St. 2733-2 D. West, Government Printer Beacon Diagram		STATION BULCA GS (P) 6662 Owner's Name: Address: Phone: Current Occupant: Address: Phone: ACCESS Access Report of 16/12/1981 was found suitable/unsuitable.
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 Vanes.....m. Height of Cairn.....m. Original Beacon has/not been destroyed by me.		Date Record of Station

STATION: **BULGA CS (P)** No.: **6662**
 MAP SHEET SCALE 1:250 000
 INSPECTED BY: **L HITCHINS** DATE: **27-3-82**
 AUTHORITY: **CMA** FIELD BOOK: **01935**

Station Diagram

Not to Scale

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..... **360° WITH SOME SQUATTERED TREES**..... from Trig. Mast
- Mast & Vanes have been painted white & black respectively.
- 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 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)
- A..... **CASE**..... set in conc/rock has been placed/found, bearing..... **157**..... °M from Mast/Plug/Pillar
- A..... **S.S.M. No. 1621**..... set in conc/rock has been placed/found, bearing..... **192**..... °M from Mast/Plug/Pillar
- A..... set in conc/rock 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
- Action required:..... **Possible Paint Pillar**.....

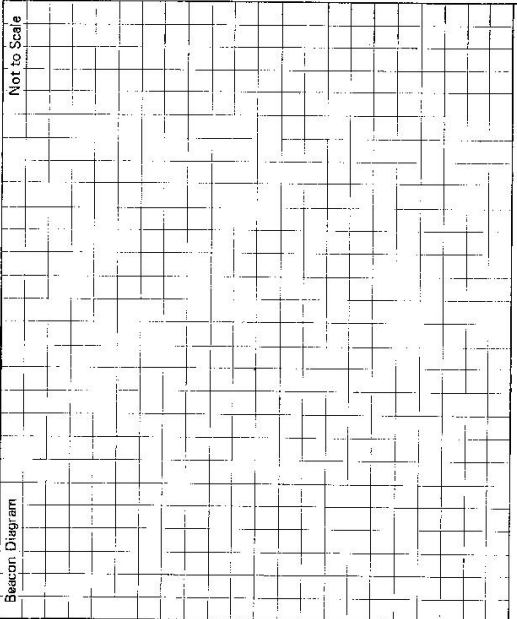
STANDPOINT:

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

SI 2728-2 D. West, Government Printer

STATION	BULGA G.S. (P)	6662
Owner's Name:	O. B. (OWNER) CONNEDAH PILL	
Address:	BULGA ROAD CONNEDAH	
Phone:	(067) 43 2222	
Current Occupant:	
Address:	
Phone:	
<u>ACCESS</u>		
Access Report of 7.2.1981 was found suitable/unsuitable. O. B. CONNEDAH P.O. HEAD WEST ALONG CONRADILLY ST / TURN RIGHT INTO CHARLOES ST / 1-1 CROSS BRIDGE 17-2 TURN RIGHT SIGN KEEP IT DAM VIA BULGA 28 / 22-25 PASS ROAD ON RIGHT FOLLOW MAIN ROAD / 27-00 PASS TRACK TO OWNERS HOUSE ON LEFT / 28-8 TURN LEFT THROUGH 2ND SET OF DOUBLE WOOD GATES VEER RIGHT AND FOLLOW TRACK AROUND ISHAE OF HILL 29-85 CROSS GULLY AND FOLLOW TRACK UP / STEEP PINCH TOWARDS FENCE 30-05 FENCE CORNER FOLLOW FENCE / 30-60 BULGA G.S. (P)		



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 Vanesm. Height of Cairnm.

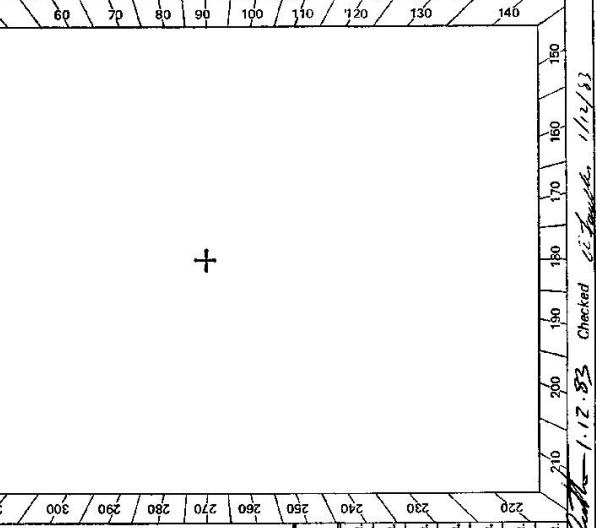
Original Beacon has/has not been destroyed by me.

Date	Record of Station

CENTRAL MAPPING AUTHORITY
 GEODETIC SURVEY OF A.S.W.
 GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT
 No: 6662

STATION: BULCA GS (P)
 MAP SHEET: MANILLA
 INSPECTED BY: L. NITCHINS
 AUTHORITY: C.M.A.
 DATE: 31/8/83
 FIELD BOOK: 182-

Description: 260°
 Note: Cross out word or words which do not apply
 1. Cleared by lanes bearing 31.9 from Trig. Mast
 2. Mast & Vanes have been painted white & black respectively.
 3. The station/pillar was unpiled/not unpiled/constructed on concrete, dimensions now being: 1.38 m. 1.50 m. 1.43 m.
 Description of mark: S/Steel Pillar Plate, Steel Plug, Brass plug, Bolt, G.I. Pipe
 Height of mark: 1.50 m. above G.L.
 Height of Top Vanes to Top Mast/Pillar plate 1.43 m. Diameter of Vanes (vertical) 0.75 m.
 Height of Cairn 1.43 m. Diameter of Cairn 1.43 m. Name Plate found/~~not found~~/placed.
 Length of Mast 1.50 m. (approximate if not unpiled)
 4. A. set in conc/rock has been placed/found, bearing 260° M from Mast/Plug/Pillar
 5. A. set in conc/rock has been placed/found, bearing 260° M from Mast/Plug/Pillar
 6. A. set in conc/rock has been placed/found, bearing 260° M from Mast/Plug/Pillar
 7. A. set in conc/rock has been placed/found, bearing 260° 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.
			above standpt.				above standpt.
			below standpt.				below standpt.

Prepared by: [Signature]
 Checked: [Signature]
 Noted on U.T.M. Card 28/9/83
 S. 2733-1

STATION **BULCA C.S (P) 6662**

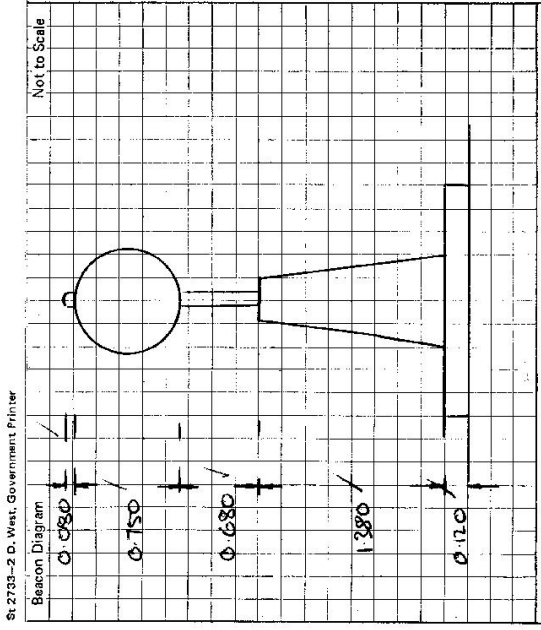
Owner's Name: **S. S. (SWEN) CULLY + SONS P/L**
 Address: **BULCA**
BULCA RD. CUNNEDA
 Phone: **43 2727**

Current Occupant:
 Address:
 Phone:

ACCESS

Access Report of 27/3/1988 was found suitable/unsuitable -
CUNNEDA P.O LEAD WEST ALONG CONRADILLY ST.
TURN RIGHT INTO CUNNEDA ST.
1-10 CROSS BRIDGE
17-2 TURN RIGHT SIGN LEERT DAM VIA BULCA 78'
22-25 PASS ROAD ON RIGHT FOLLOW MAIN ROAD
27-00 PASS TRACK TO OWNERS HOUSE ON LEFT.
28-8 TURN LEFT THROUGH SECOND SET OF DOUBLE IRON GATES
VEER RIGHT + FOLLOW PAINT TRACK AROUND BASE OF HILL
29-85 CROSS CULLY + FOLLOW TRACK UP STEEP PINKH TOWARDS FENCE
30-05 FENCE CORNER FOLLOW FENCE.
30-60 BULCA C.S (P)

PLEASE SEE OWNER FIRST AFTER MET WEATHER.



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 Vanesm. Height of Cairnm.

Original Beacon has/has not been destroyed by me.

Date	Record of Station