

CENTRAL MAPPING AUTHORITY
Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION ELLANGOWAN T.S. (P.W.M.S. TS 5608)

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 lames 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. ~~3.5 Plate on Conc. Pillar~~ should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe
 Height of mark..... 1.35 m above ~~base~~ ^{rock} concrete 1.35 m above ~~base~~ ^{rock} G.L.
 Height of Top Vanes to Top Mark..... 1.973 m. Diameter of Vanes (vertical)..... 0.091 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~~ ^{found} has been placed 3.111 m. bearing 237° M from Trig. ~~Point~~ ^{Point}
 6. A. G.I. Pipe set in conc./~~soil~~ ^{found} has been placed 3.200 m. bearing 310° M from Trig. ~~Point~~ ^{Point}
 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

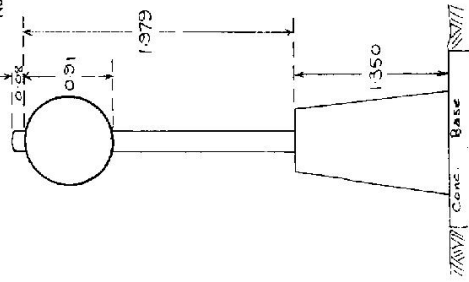
9. Connection Conc. Pillar to S.S.M. 4.848 m. bearing 314° M
10. Connection Conc. Pillar to G.I. Pipe 7.817 m. bearing 333° M
11. Connection G.I. Pipe to S.S.M. 3.737 m. bearing 180° M
12. Connection Conc. Pillar to Trig. Plug: 5.206 m. bearing 351° M
13. Diff. Ht. Trig. Plug in conc. to S.S.M. is 1.465 m. ^{above} ~~below~~ Top of S.S.M. pillar plate
14. Diff. Ht. S.S.M. in conc. to S.S.M. is 1.337 m. ^{above} ~~below~~ "
15. Diff. Ht. G.I. Pipe in conc. to S.S.M. is 1.426 m. ^{above} ~~below~~ "
16. Diff. Ht. is m. ^{above} ~~below~~ "

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

Co: RICHMOND
 Map Sheet: LYSMORE
 Inspected by: K. ZAHRA G. MILUSH
 Authority: G.M.A.

No: 954D - S
 Date: 5th AUG. 74
 Field Book: 1334

Beacon Diagram Not to Scale



Date Record of Station

Checked

STATION ELLANGOWAN TS. (Pillar)

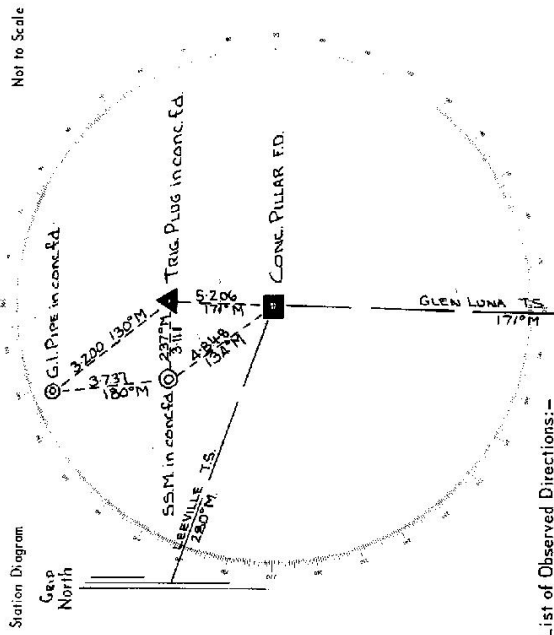
Current Occupant TS 5608

Owners Name.....

Address.....

Access.....

Station Diagram
Camp North



List of Observed Directions:-

Standpoint: Conc. Pillar Rd		Standpoint: Trig Plug in conc Rd.	
Station	Direction	Station	Direction
GLEN LUNA TS	359 59 60	GLEN LUNA TS	359 59 60
LEENVILLE TS	106 35 59	CONC. PILLAR Rd	0 01 30
SSM in conc. Rd	144 14	SSM in conc Rd	65 43
G.I. Pipe in conc Rd	164 22 00	LEENVILLE TS	106 33 05
Trig Plug in conc Rd		G.I. Pipe in conc Rd	
Station	Direction	Station	Direction
Trig Plug in conc Rd	180 01 00	G.I. Pipe in conc Rd	138 17 00

CENTRAL MAPPING AUTHORITY

GEODETTIC SURVEY OF N.S.W.

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by James 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 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) 0.1905 m.

Height of Cairn.....m. Diameter of Cairn.....m. Name Plate found/not found/added.

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

4. A.....S.S.M......set in conc/rock has been placed/found, bearing...315°M from ~~.....~~ 4.5m

5. A.....G.I. Pipe.....set in conc/rock has been placed/found, bearing...335°M from ~~.....~~ 7·m

6. A.....Remains of cairn set in conc/rock has been placed/found, bearing...352°M from ~~.....~~ 4.5m

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

8. Action required: When Braemar pillar is replaced, a not visible... then... mark may be required abt 8m west from Pillar Plate

Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Glen Luna	180°	56'6"	above standpt	Cocaki	90° G	scattered bushes on ridge	above standpt
Leesville	287°	32'6"	below standpt				below standpt
Naughtons Gap	16°	30'6"	above standpt				above standpt
Barratts Nest	47°	6"	below standpt				below standpt
Mooneville	129°	6"	above standpt				above standpt
MS Pherston	108°	6"	below standpt				below standpt
Back meade	352°	30'6"	above standpt				above standpt

Prepared by: P. Holden 7-7-80

Checked: WJ 7/80

Noted on U.T.M. Card

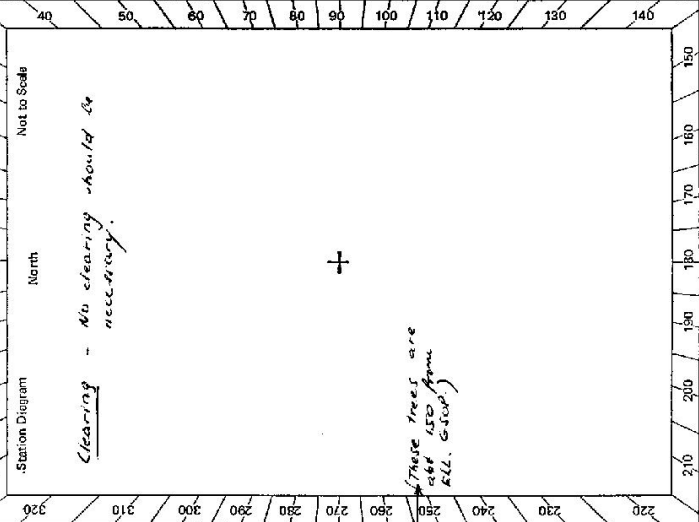
56 2733-1

STATION: **ELLANGOWAN** TS No.: **5608**

MAP SHEET SCALE 1:250 000 **TWEED HEADS**

INSPECTED BY: **C ZAHRA** DATE: **24.4.80**

AUTHORITY: **CMA** FIELD BOOK: **1870**



Not to Scale

Checked WJ 10/11/80

These trees are abt 150 from ELL. Group

STATION **ELLANGOWAN TS 5608**

Beacon Diagram

Not to Scale
Horizontal Blocked
from 213° to 219° possible to see through from east side S.P.
237° trees abt 100m
238° trees abt 150-300m
244° shed + trees abt 150m
257° large tree 150m
280° 2 trees abt 350m
321° close timbered ridge abt 1 km
327° 331°

Owner's Name: **JEFF IMESON**
 Address: **42 Hickey St Casino**
 Phone: **62 1275**

Current Occupant: **Mr. Hay**
 Address: **The Pak (60 Access 15.7 km)**
 Phone:

ACCESS
 Access Report of 21/1/1988 was found suitable/unavailable.

- 0-00 South Casino P.O. heading south towards Grafton
- 2-1 Turn Right. Sign Ellangowan 27, Yorklea 7
- 7-4 Pass Road on R.H.S.
- 8-9 Yorklea Bridge 9-1 Pass Rd on L.H.S
- 14-1 Turn Left. Take (Imeson's Rd) S.P. dirt Road.
- 14-5 Yards on R.H.S + House on L.H.S.
- 15-05 House on L.H.S
- 15-35 Turn Right. over grid follow dirt track.
- 15-7 Thru double wooden gate (House ahead on R.H.S). turn left follow fence on L.H.S
- 15-85 Thru iron gate follow ridge up
- 16-05 Veer left near trees + shed to trig
- 16-3 Trig

This section to be completed by offset 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
Mr. Hay	Access OK'd
Jeff Imeson	lives in Casino. Sec. contacted before commencing.
	Permission for survey granted

GEODETIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing $280^{\circ} 12' 00''$ 130 m, $145^{\circ} 29' 00''$ 216 m, $214^{\circ} 22' 00''$ 215 m, from Trig. Mast. Mast & Vanes have been painted white & black respectively.
2. Mast & Vanes have been painted white & black respectively.
3. The ~~station~~/pillar was ~~relocated~~ on $20^{\circ} 19' 00''$ 19 S.O., dimensions now being: Description of marks ~~at~~ ~~the~~ ~~top~~ ~~of~~ ~~the~~ ~~pillar~~ ~~is~~ ~~as~~ ~~follows~~: should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe Height of mark 2.30 m above ~~concrete~~ ~~mark~~ is 1.500 m above G.L. Diameter of Top Vanes to ~~the~~ ~~pillar~~ ~~plate~~ 1.980 m. Diameter of Vanes (vertical) 0.310 m. Height of Cairn 0.710 m. Diameter of Cairn 0.310 m. Name Plate ~~found/not found~~/placed. Length of Mast 2.070 m. (approximate if not measured)
4. A ~~S.S.M.~~ ~~set~~ in conc/~~rock~~ has been ~~placed~~/found, bearing $353^{\circ} 00'$ M from ~~Maunabo~~/Pillar
5. A ~~S.S.M.~~ ~~set~~ in conc/~~rock~~ has been ~~placed~~/found, bearing $318^{\circ} 00'$ M from ~~Maunabo~~/Pillar
6. A ~~G.I. pipe~~ ~~set~~ in conc/~~rock~~ has been ~~placed~~/found, bearing $338^{\circ} 00'$ M from ~~Maunabo~~/Pillar
7. A ~~Copper Nail~~ ~~set~~ in conc/~~rock~~ has been ~~placed~~/found, bearing $271^{\circ} 00'$ M from ~~Maunabo~~/Pillar
8. Action required: ~~Concrete observation Pillar.~~

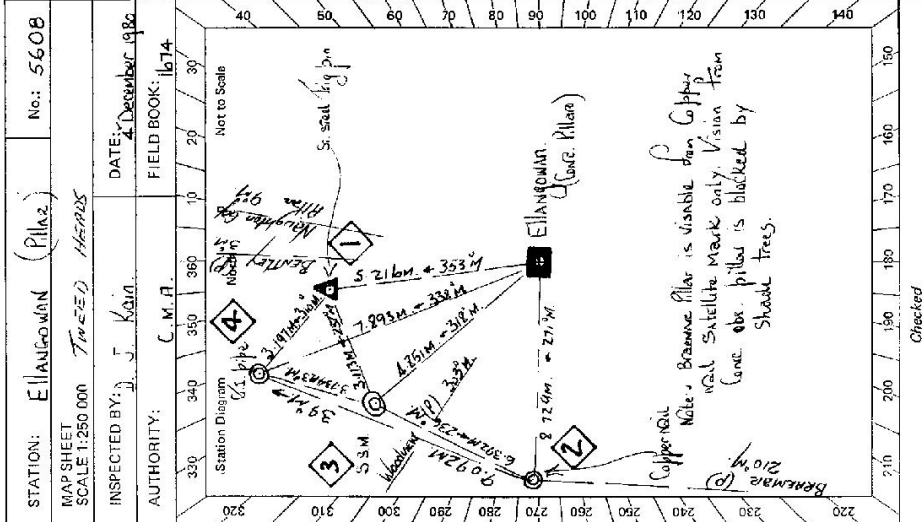
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
Maunabo Cap (P)	0 00 00	0	0	Maunabo Cap (P)	0 00 00	0	0
Conc. Obs. Pillar	164 25 10	164.25	1.465	Conc. Obs. Pillar	164 25 10	164.25	1.465
Copper Nail	262 38 48	262.64	1.450	Conc. Nail	229 45 34	229.75	0.031
Woodview (P)	292 06 08	292.10	1.357	S.S.M.	230 04 47	230.07	1.128
S.S.M.	308 37 12	308.62	1.893	Woodview (P)	292 04 54	292.07	0.041
G.I. Pipe	344 24 00	344.40	1.469	G.I. Pipe	302 41 01	302.68	0.041
Sr. St. Trig. Pin	354 17 36	354.29	1.469	S.S.M.	354 17 36	354.29	1.469

Prepared by: *AS*

Checked: *AS*

Noted on U.T.M. Card

ST 2738-1



Checked

LAND INFORMATION CENTRE

GEODETIC SURVEY OF N.S.W.

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

STATION: **ELLANGWAN (P)** No.: **5608**

MAP SHEET SCALE 1:250 000 **TWEED HEADS**

INSPECTED BY: **D. HALLS** DATE: **28.1.92**

AUTHORITY: **LIC** FIELD BOOK: **-**

Description:

Note: Cross out word or words which do not apply

1. Cleared ~~by~~ **To Permit 360° Vision** from Trig. Mast
2. Mast & Vanes have been painted white & black respectively. ✓
3. The ~~station~~ pillar was ~~unaffected~~ **unaffected** on ~~2.3.7~~ **19.1.92**, 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 **1.33** ^{above} ~~from~~ **rock/concrete**; Mark is **1.33** ^{above} ~~from~~ **G.L.** Height of Top Vanes to Top ~~mark~~ **rock**/Pillar plate **1.46** m. Diameter of Vanes (vertical) **0.15** m. Height of Cairn **0.15** m. Diameter of Cairn **0.15** m. Name Plate found/not found/placed. Length of Mast **1.53** m. (~~approximate if not certified~~)
4. A **1.53** set in conc/rock has been placed/found, bearing **0**° M from Mast/Plug/Pillar
5. A **1.53** set in conc/rock has been placed/found, bearing **0**° M from Mast/Plug/Pillar
6. A **1.53** set in conc/rock has been placed/found, bearing **0**° M from Mast/Plug/Pillar
7. A **1.53** set in conc/rock has been placed/found, bearing **0**° M from Mast/Plug/Pillar
8. Action required: **None**

STANDPOINT:

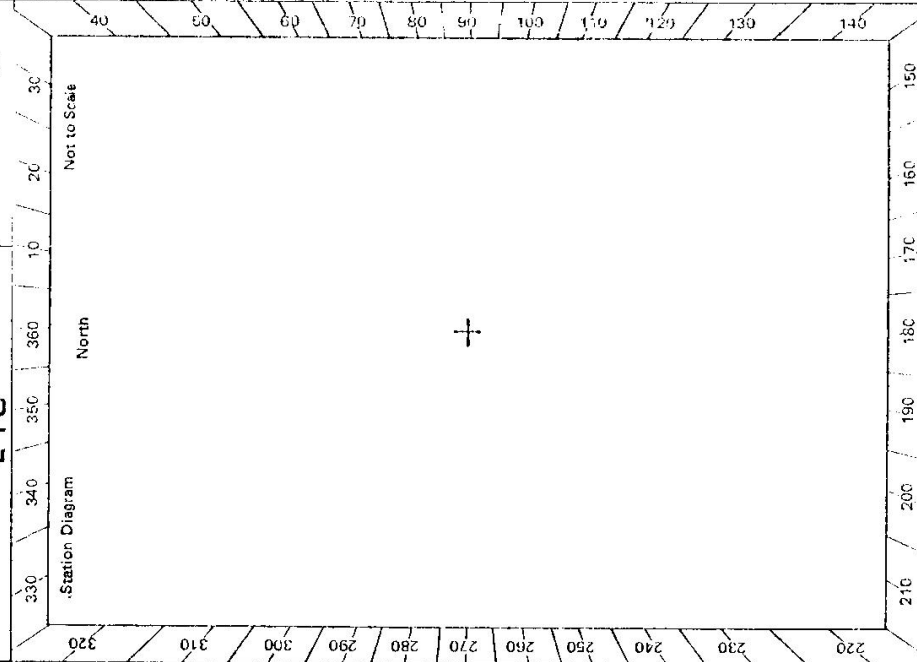
STANDPOINT:

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: **D. Kain**

Checked: **U.T.M. Card**

Checked



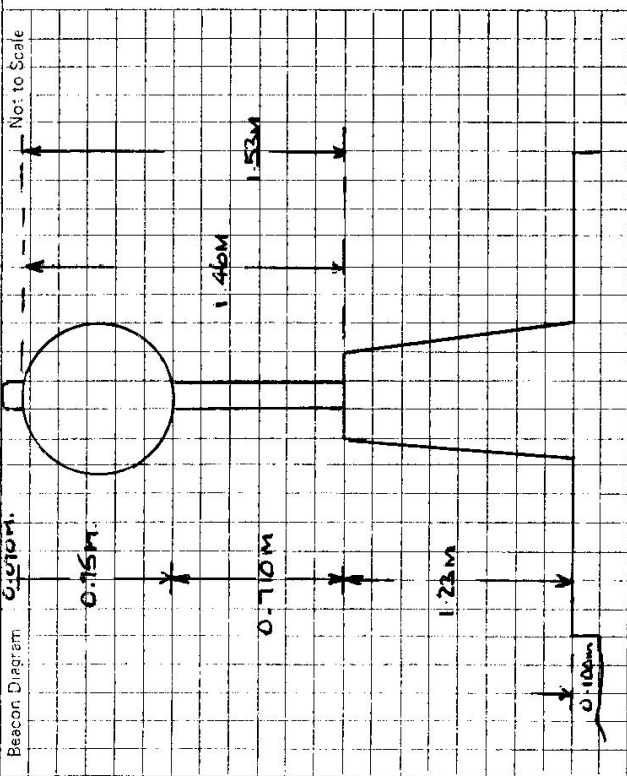
ST 2733-2 D. West, Government Printer

STATION **ELLANGOWAN (P) TS 5608**

Owner's Name:
 Address:
 Phone:
 Current Occupant:
 Address:
 Phone: **28-7-1992**

4.8 20 Access Report of/10.....was found ~~unsuitable~~ **FEATURE**

KMS.
0.0 AT SOUTH CASINO - INTERSECTION BRUXNER HIGHWAY AND CENTRAL STREET HEAD TOWARD GRAFTON.
2.1 TURN LEFT - SIGN ' ELLANGOWAN - YORKLEA.
8.9 YORKLEA BRIDGE (CONCRETE).
11.5 TURN LEFT ALONG DIET ROAD - SIGN 'IMERSONS RD.
11.9 YARDS ON R.H.S. - HOUSE ON LEFT.
12.5 HOUSE ON L.H.S.
12.7 TURN RIGHT OVER GRID AND FOLLOW TRACK.
13.1 THROUGH DOUBLE WOODEN GATE - HOUSE ON R.H.S. / HEAD UPHILL BUT BEWARE OF SINGLE STRAND WIRE FENCE -
13.25 Let down if necessary.
13.45 Through Iron and wire Gate and up onto Ridge.
13.76 Veer Left. Pillar.



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/concm. below G.L.

Diameter of Vanesm. Height of Cairn:m.

Original Beacon has/has not been destroyed by me.

Date	Record of Station