

TS 1860

CENTRAL MAPPING AUTHORITY  
 RECONNAISSANCE and MAINTENANCE REPORT

Department of Lands

STATION DOUBLEDUKE TS 1860

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 lanes bearing 57m 76°M 105°M 128°M from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively.
4. The Trig. was ~~unpiled~~ unpiled, dimensions now being:

Description of mark: ~~RA Survey Corps~~ **Plaque set in conc.** should be explicit, e.g. Steel plug, Brass plug, Bolt, Concrete Pillar

Height of mark: ..... m <sup>above</sup> / <sub>below</sub> rock/concrete ..... m <sup>above</sup> / <sub>below</sub> G.L.

Height of Top Vanes to Top Mark/Top pillar/plate: **3.40** m Diameter of Vanes (vertical): **0.92** m.

Height of Cairn: **1.2** m. Diameter of Cairn: **2.0** m.

Length of Mast: **3.40** m. (approximate if not unpiled)

5. A. **DMR CB** set in conc/rock has been placed/ft **67°3** m. bearing **51**°M from Trig. Mast/pillar
6. A. set in conc/soil has been placed/fd ..... m. bearing .....°M from Trig. Mast/pillar
7. A. set in conc/soil has been placed/fd ..... m. bearing .....°M from Trig. Mast/pillar
8. A. set in conc/rock has been placed/fd ..... m. bearing .....°M from Trig. Mast/pillar

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. **DMR CB** is **0.24** m. <sup>above</sup> / <sub>below</sub> **Trig. Pillars**

14. Diff. Ht. is ..... m. <sup>above</sup> / <sub>below</sub>

15. Diff. Ht. is ..... m. <sup>above</sup> / <sub>below</sub>

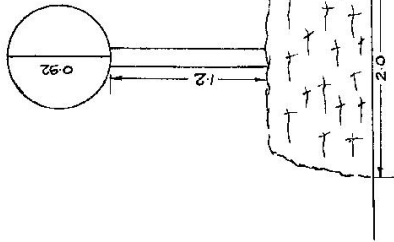
16. Diff. Ht. is ..... m. <sup>above</sup> / <sub>below</sub>

Prepared by: **K. Soodhary**

Checked: **S. Subbaraj** 14/7/78

Co: **RICHMOND** Ph: **WOODMERE**  
 Map Sheet: **BANYABBA** No: **9539 - III - N**  
 Inspected by: **G.A. GUNSEBERGER** Date: **15.11.77**  
 Authority: **DMR** Field Book: **CS 154**

Beacon Diagram  
 Not to Scale



Date	Record of Station
	<b>THIS MAINTENANCE REPORT SUBMITTED</b>
	<b>MR A SURESTEN'S REPORT DATED 30/11/77</b>
	<b>Spilcke</b>
	<b>22/11/77</b>

STATION DOUBLEDUKE TS 1860

Owners Name... LINDON L.S.L.Y.

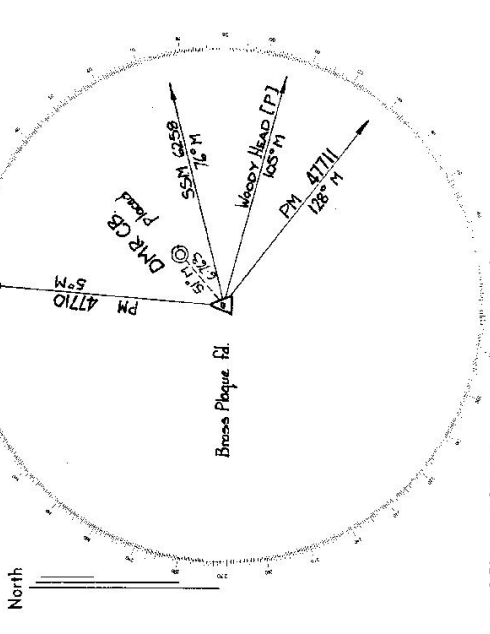
Current Occupant... Not Occupied

Address... Richmond Rd

Woodburn

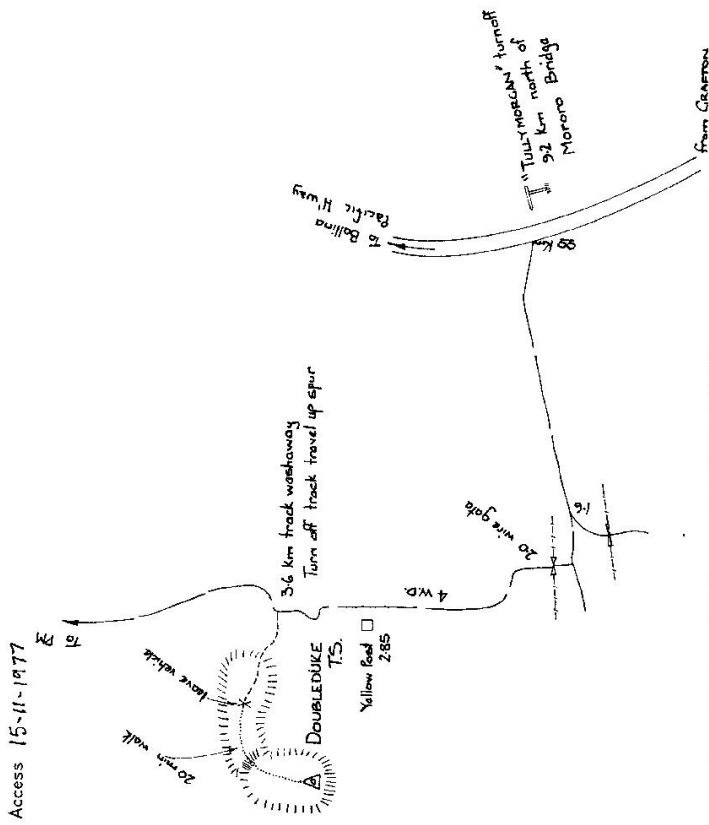
Access 15-11-1977

Station Diagram



List of Observed Directions:-

Station: Trig Plug		Station: Conc. Block	
Station	Direction	Station	Direction
Woody Head [P] Block	0° 00' 00" / 306° 34' 30"	Woody Head [P] Double Duke TS	0° 00' 00" / 126° 32' 57"



74-98

Department of Lands

Trigonometrical Survey of N.S.W.

RECONNAISSANCE and MAINTENANCE REPORT

STATION **DOUBLEDUKE** **TS 1860**

This Trig. Station has been: *Note: Cross out word or words which do not apply*

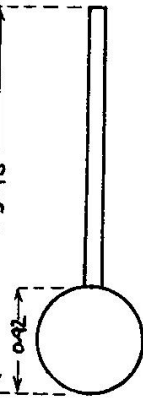
Co: **Clarence** Ph: **Woombah**

Map Sheet: **WOODBURN** No: **9539**

Inspected by: **A. Sivertsen** Date: **30-11-77**

Authority: **CMA** Field Book: **1613**

Beacon Diagram Not to Scale



\* 1-3 days clearing - depending on lanes  
 Lanes would be abt 150m long to north  
 \* Could have rooftop pillar - pretty steep

AFTER CONSULTATION WITH MR. A. SIVERTSEN  
 IT WAS CONSIDERED THAT THIS MAINTENANCE  
 REPORT TO BE SUPPLEMENTED BY DMR  
 CHAIR, POLE & REPILED CAIRN.

Date: *20/11/77* Record of Station: *Subtle*

1. Completely cleared to permit 360° vision to surrounding Trig.
2. Cleared by lanes bearing. From DMR Plaque 1°; 68-113; 121-133 from Trig. Mast
3. Trig. Mast & Vanes have been painted white & black respectively. Beacon in poor condition. May be replaced by DMR soon. New mast set at 1.8m on sockets
4. The Trig. was unpiled/not unpiled, dimensions now being: Original Station Mark (stone) found

Description of mark: Aust. Survey Corps. Brass. Plaque should be explicit, e.g. Steel plug, Brass plug, Bolt, G.I. Pipe

Height of mark: 0.9 m above rock/concrete 0.9 m above 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. DMR Plaque set in conc/soil has been placed: 6.759 m. bearing: 49°M from Trig. Mast Plaque

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. ASC Plaque is 0.239 m. above below DMR Plaque.....

14. Diff. Ht. is..... m. above below

15. Diff. Ht. is..... m. above below

16. Diff. Ht. is..... m. above below

Prepared by: *6-12-77* Checked: *.....*

Noted on U.T.M. Card

Checked



GEODETIC SURVEY OF M.S.I.W.

CENTRAL MAPPING AUTHORITY

GEODETIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

1. Cleared by lanes bearing..... *Note: Cross out word or words which do not apply*  
 See Diagram..... from Trig. Mast
2. Mast & Vanes have been painted white & black respectively.
3. The station/pillar was ~~unpiled/hot unpiled/constructed on~~..... 19..... dimensions now being:  
 R.A.S.C.
- Description of mark..... should be explicit, e.g. S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe
- Height of mark.....m. <sup>above</sup> below rock/concrete; Mark is.....m. <sup>above</sup> 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/hot found/placed.
- Length of Mast.....m. (approximate if not unpiled)
4. A.D.M.R. S.S. 1964. Plate set in conc/rock has been placed/found, bearing..... $120^{\circ}$  M from Mast/Plug/Pillar
5. A..... set in conc/rock has been placed/found, bearing..... $153^{\circ}$  M from Mast/Plug/Pillar
6. A..... set in conc/rock has been placed/found, bearing..... $170^{\circ}$  M from Mast/Plug/Pillar
7. A..... set in conc/rock has been placed/found, bearing..... $153^{\circ}$  M from Mast/Plug/Pillar
8. Action required: One reference mark to be placed 1 week clearing all ground.....  
 3 days for essential lines

STANDPOINT: Cairn, Mast & Vanes

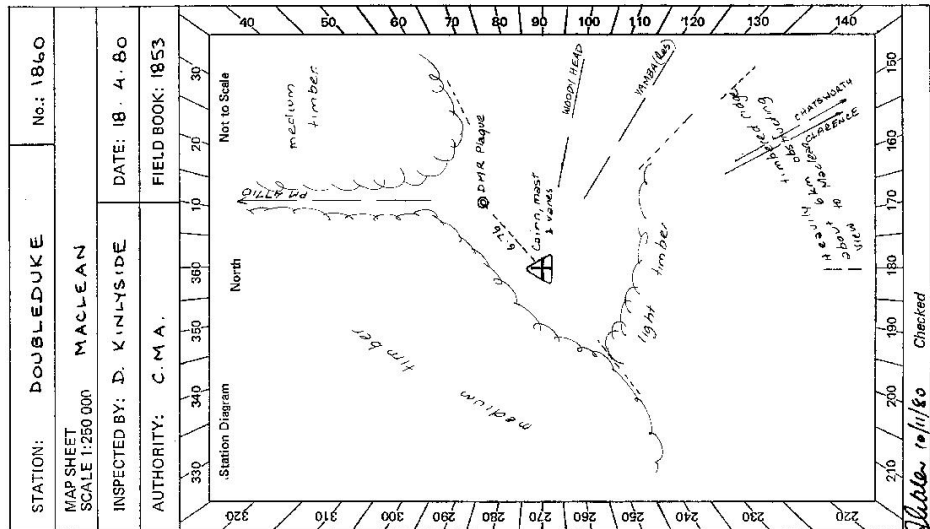
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
ESSENTIAL				OTHERS			
CHATS WORTH	$163^{\circ}$ Crd	grazing line	above standpt	YAMBA RES	$170^{\circ}$ M	Possible subs. above for Maclean	above standpt
WOODY HEAD	$113^{\circ}$ "	top 160 traverse	above standpt	CLARENCE	$153^{\circ}$ M		above standpt
TABBIMOBLE	$12^{\circ}$ 30	double ridge - PHATIKHONG	above standpt				below standpt
		top timber ridge	below standpt				below standpt
MACLEAN		Heavily timbered interlocking ridge	above standpt				below standpt
			below				above standpt
			below				below

Prepared by: D. Kinny-side

Noted on U.T.M. Card

Checked: *Shane Tohiko*

SI 2753-1



STATION: DOUBLEDUKE No.: 1860

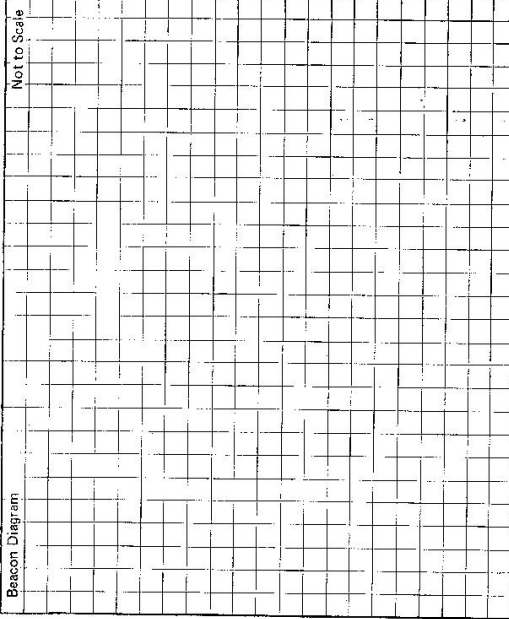
MAPSHEET SCALE 1:250 000

INSPECTED BY: D. KINNY-SIDE DATE: 18. 4. 80

AUTHORITY: C.M.A. FIELD BOOK: 1853

et 2733-2 D. West. Government Printer

STATION DOUBLE DUKE TS-1860



Owner's Name: London, Sly  
 Address: c/- Sly Bros. Timber mill  
 over street  
 Woodburn  
 Phone: .....  
 Current Occupant:  
 Address: .....  
 Phone: .....

ACCESS

Access Report of 29/11/1977 was found suitable/suitable.  
 0.0 Pacific Hwy at T-intersection "Mackean 24" Woodburn 29" take  
 Tully Morgan 21" gravel road  
 1.2 Causeway  
 1.4 Pass road on L.H.S.  
 1.5 Pass road on L.H.S.  
 1.8 Turn RIGHT through wire gate  
 2.9 Gully  
 3.2 Gully  
 3.3 Gully  
 3.5 Turn LEFT just after large blazed tree on LHS  
 make own way along centre of spur.  
 3.8 Leave vehicle below rocky knoll. 10-minutes walk to  
 top on southern end of hill

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
18.4.80	Permission for access, clearing and pillar construction (if possible) given by London & Geoff Sly

GEODETTIC SURVEY OF N.S.W.

CENTRAL MAPPING AUTHORITY

GEODETTIC STATION RECONNAISSANCE and MAINTENANCE REPORT

Description:

Note: Cross out word or words which do not apply

- Cleared by lances bearing..... **50°m to 190°m**, **219°m to 287°m**, **358°m to 02°m** from Trig. **MAST PLAQUE**
- Mast & Vanes have been painted white & black respectively. ✓
- The station/~~pillar~~ was unpiled/~~not completed~~ on **3rd Dec.**, 1980, dimensions now being:  
**AUST. SURVEY CORE PLAQUE** should be explicit, e.g., S/Steel Pillar Plate, Steel plug, Brass plug, Bolt, G.I. Pipe  
 Description of mark.....  
 Height of mark.....m. ~~above~~ ~~below~~ ~~concrete~~; Mark is **0.110**.....m. ~~above~~ ~~below~~ ~~G.L.~~  
 Height of Top Vanes to Top Mark/~~pillar plate~~ **3.400**.....m. Diameter of Vanes (vertical).....**0.930**.....m.  
 Height of Cairn.....m. Diameter of Cairn.....**1.800**.....m. Name Plate ~~found~~/~~placed~~.  
 Length of Mast.....**3.400**.....m. (approximate if not unpiled)
- A.D.M.R. Plaque**.....set in conc/~~mark~~ has been ~~placed~~/~~found~~, bearing.....**148**°M from ~~Mast/Pillar~~/~~Pillar~~ **Plaque** **A.S.C**
- A.COPPER NAIL**.....set in conc/~~mark~~ has been ~~placed~~/~~found~~, bearing.....**270**°M from ~~Mast/Pillar~~/~~Pillar~~ **Plaque** **A.S.C**
- 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: AUST. SURVEY CORE PLAQUE			STANDPOINT: COPPER NAIL				
Mark	Direction	Horiz. Distance	Height Difference	Mark	Direction	Horiz. Distance	Height Difference
WOODY HEAD OP	359 59 60		above standpt.	WOODY HEAD OP	359 59 60		above standpt.
YAMBA OP	18 38 40		below standpt.	YAMBA OP	18 38 20		above standpt.
CHATSWORTH	50 25 40		below	CHATSWORTH	50 24 40		above standpt.
COPPER NAIL	169 48 50	2.738	above standpt.	D.M.R. PLAQUE	318 40 30	8.953	above standpt.
D.M.R. PLAQUE	306 35 40	6.763	below	A.S.C PLAQUE	349 49 50	2.740	below
			below				below
			below				below

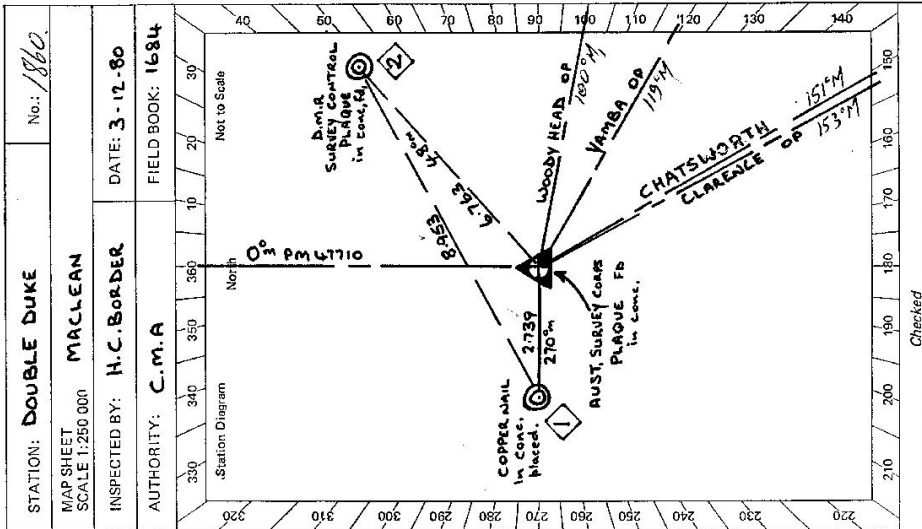
Checked: *[Signature]*

Checked: *[Signature]*

Prepared by: H. C. BORDER

Noted on U.T.M. Card

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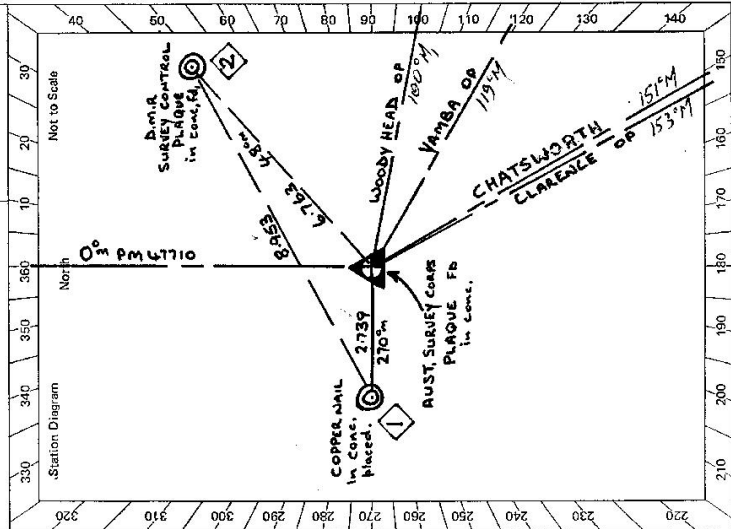
STATION: DOUBLE DUKE No.: 1860

MAP SHEET SCALE 1:250 000

INSPECTED BY: H. C. BORDER

DATE: 3-12-80

AUTHORITY: C.M.A. FIELD BOOK: 1684



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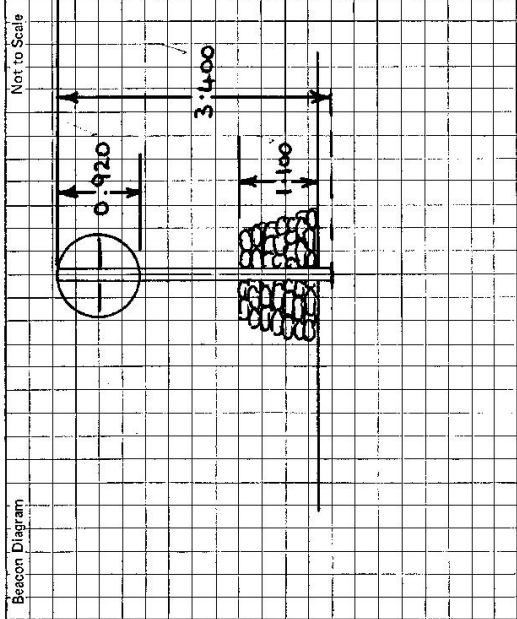
STATION **DOUBLE DUKE** TS-1860

Owner's Name: **LINDON SLY**  
 Address: **c/o SLY Bros, TIMBER MILL RIVER Street Woodburn**  
 Phone: .....

Current Occupant: .....

ACCESS

Access Report of 2/12/19, was found suitable/unsuitable.  
**CHATSWORTH POST OFFICE, (13KMS NORTH OF MACLEAN TOWNSHIP) ON PACIFIC HWY.**  
 0-00 HEADING NORTH FROM CHATSWORTH P.O ON PACIFIC HWY. TOWARDS "BALLINA"  
 11-70 TURN LEFT ONTO GRAVEL ROAD, SIGN POST "TULLY MORGAN 21"  
 "GRAFTON 69" — "BALLINA 66"  
 12-95 ACROSS CAUSEWAY  
 13-20 PASS ROAD ON L.H.S  
 13-30 PASS ROAD ON L.H.S  
 13-60 TURN RIGHT THROUGH WIRE GATE. GRAVEL ROAD  
 14-30 PASS OLD LOG DUMP  
 14-80 PASS ROCK QUARRY L.H.S  
 15-30 TURN LEFT JUST AFTER LARGE BLAZED TREE ON L.H.S  
 MAKE OWN WAY ALONG CENTRE OF SPUR. W.I.W.D  
 15-70 LEAVE VEHICLE BELOW ROCKY KNOLL.  
 10-15 MINUTES WALK TO TRIS; UP OVER ROCKY KNOLL'S.  
 TRIG SOUTHERN END OF HILL



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/cont.....m. below

Diameter of Vanes .....m. Height of Cairn .....m.

Original Beacon has/has not been destroyed by me.

Date	Record of Station



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
2. Mast & Vanes have been painted white & black respectively. M.A.
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. <sup>above</sup> rock/concrete; Mark is.....m. <sup>above</sup> 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:

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: D. KAIN

Checked:

Noted on U.I.M. Card

STATION: Double Duke Crs. No.: 1860  
 MAP SHEETS SCALE 1:250 000 SCALE 1:100 000  
 INSPECTED BY: D. J. KAIN. DATE: 12.3.1985  
 AUTHORITY: C.M.A. FIELD BOOK: 1957

Station Diagram  
 Not to Scale

Checked: M.A. 6/6/85

STATION Double Duke Credenhil Station

IS 1860  
 Current Occupant: .....  
 Address: .....  
 Phone: .....

**ACCESS**  
 Access Report of 12/13/1985 was found suitable/unsuitable.  
**FEATURE.**

**0.00** CHINTSWORTH POST OFFICE (13 KMS. NORTH OF MANLEAP TOWNSHIP) ON PACIFIC HIGHWAY-TRAVEL TOWARD BALLINA. TURN LEFT ONTO GRAVEL ROAD, SIGN, TULLY MORGAN 21, GRAFTON 69, BALLINA 66.

**12 95** ACCESS CAUSEWAY.

**13.20** PASS ROAD ON L.H.S.

**13.30** PASS ROAD ON L.H.S.

**13.60** TURN RIGHT THROUGH LOCKED DOUBLE WOODEN GATES. C.M.A. PADLOCK FITTED. FOLLOW GRAVEL TRACK.

**14.30** PASS OLD LOG DUMP

**14.80** PASS ROCK QUARRY ON L.H.S.

**15.42** MERCEDES BEFORE LOG RAMP ON R.H.S. TURN LEFT ONTO 4WD TRAIL. FOLLOW TRAIL TILL IT EXPIRES UP CENTRE OF SPUR.

**15.70** LEAVE VEHICLE, WALK UP OVER ROCKY KNOLLS TO TR16 SITUATED ON SOUTHERN END OF HILL.

10 - 15 MINUTES WALK.

Date	Record of Station

Beacon Diagram

Beacon Diagram	Not to Scale

This section to be completed by officer constructing pillar.

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

Description of mark: .....m.

Original beacon found/not found. ....

Description of beacon: .....m.

Height Top of Vanes to Top Mark .....m.  
 above .....m. below G.L.

Height of mark .....m. above .....m. below G.L.

Diameter of Vanes .....m. Height of Cairn .....m.

Original Beacon has/has not been destroyed by ms.